



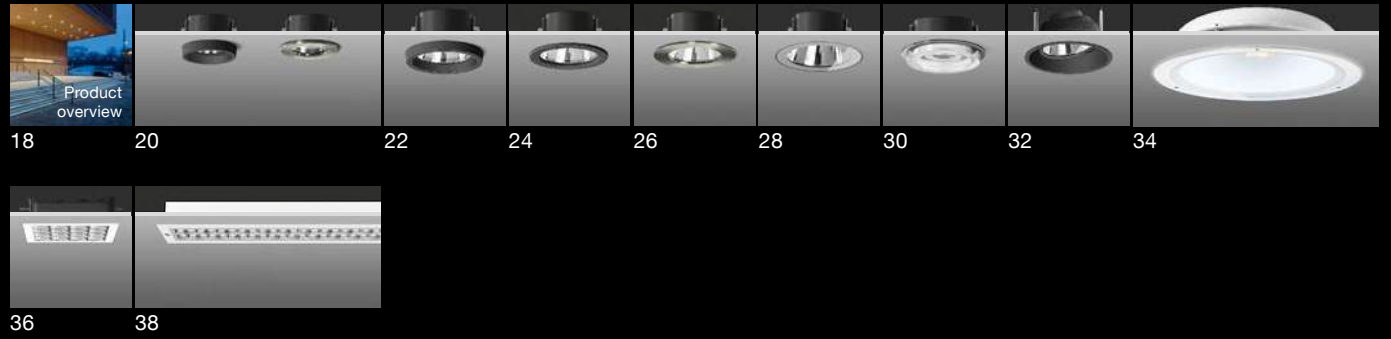
BEGA

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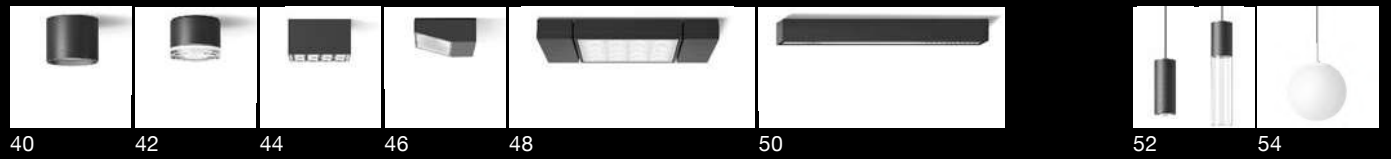
Das gute Licht.

Outdoor luminaires

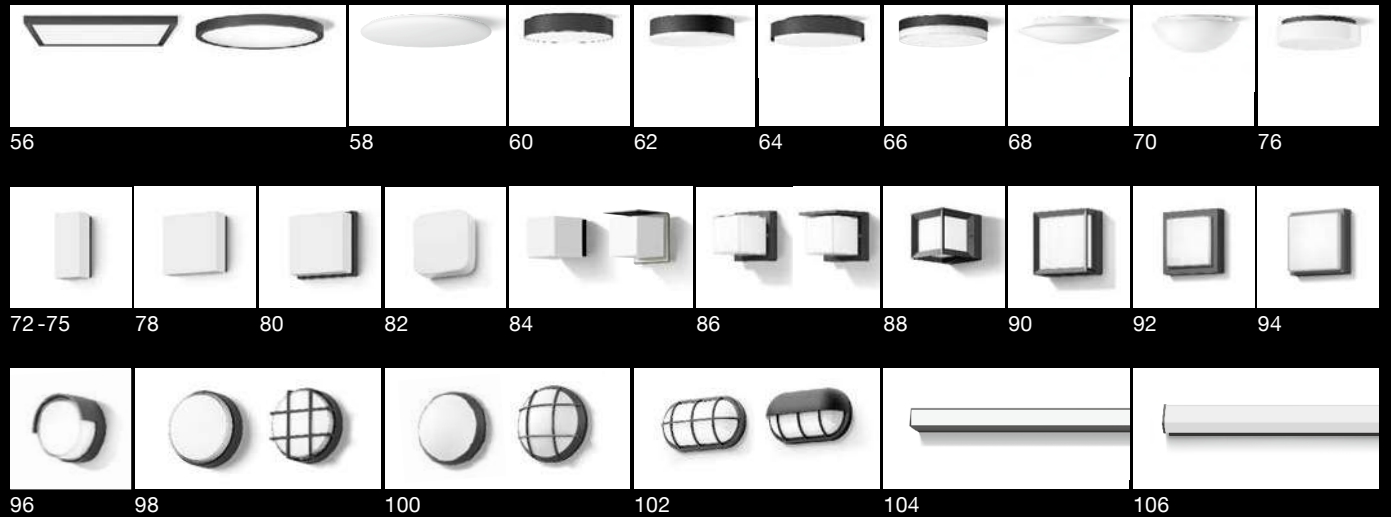
Recessed ceiling luminaires



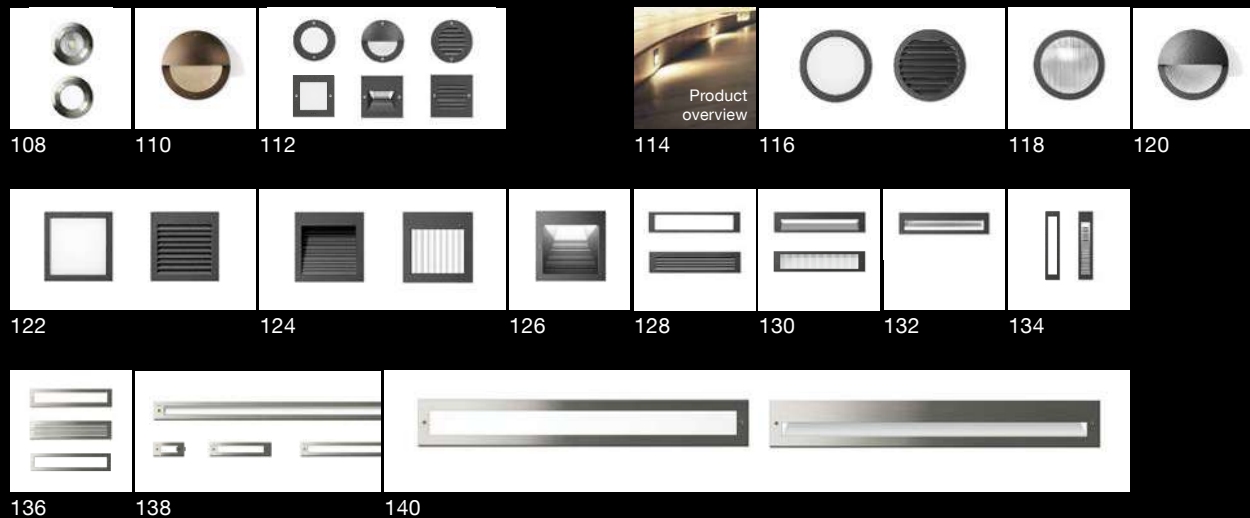
Ceiling luminaires Pendant luminaires



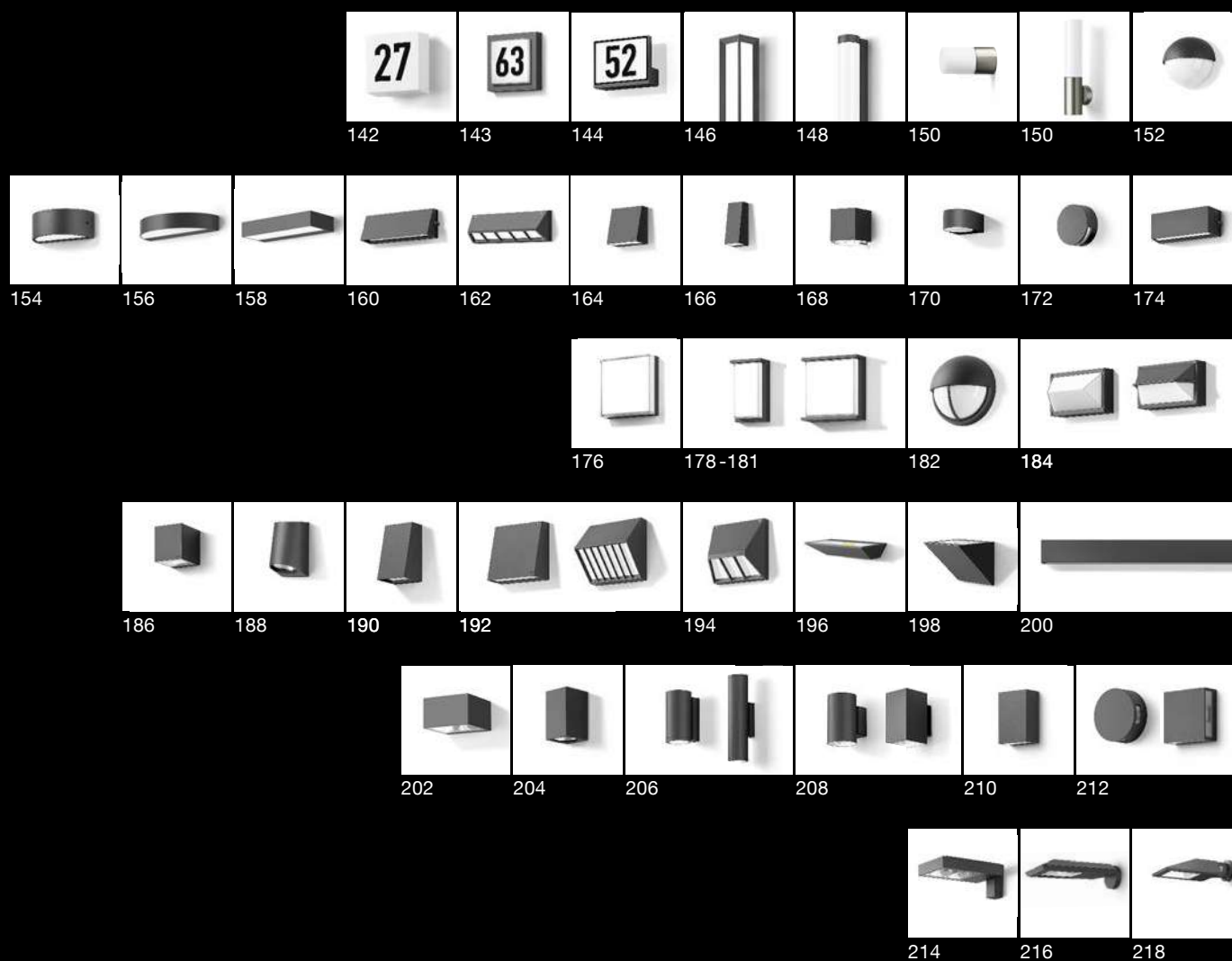
Ceiling and wall luminaires



Recessed wall luminaires



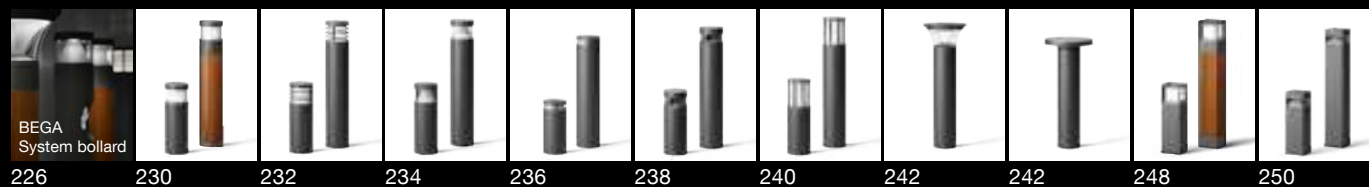
Wall luminaires



Light design elements



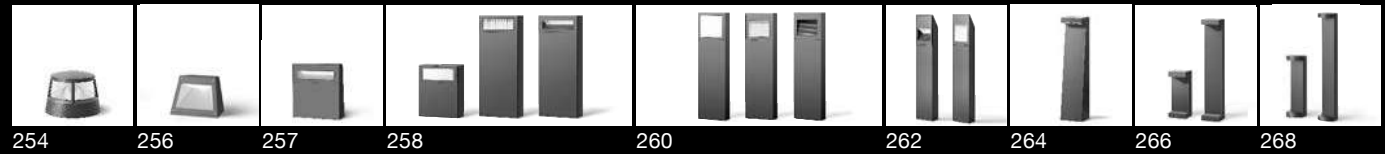
System bollards



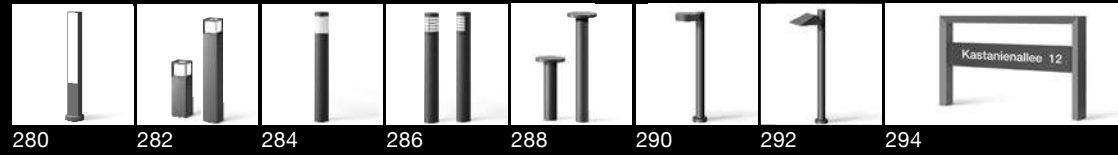
Outdoor luminaires

On-ground luminaires

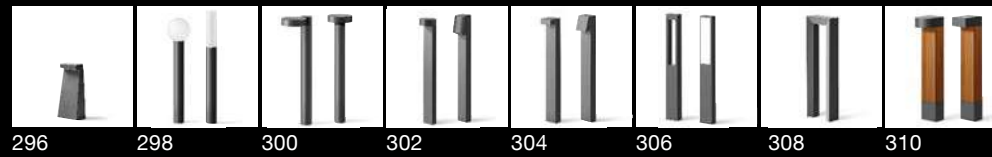
Bollards



Garden, pathway and indication luminaires



Garden and pathway luminaires, floodlights and portable luminaires for private use



Connecting pillars



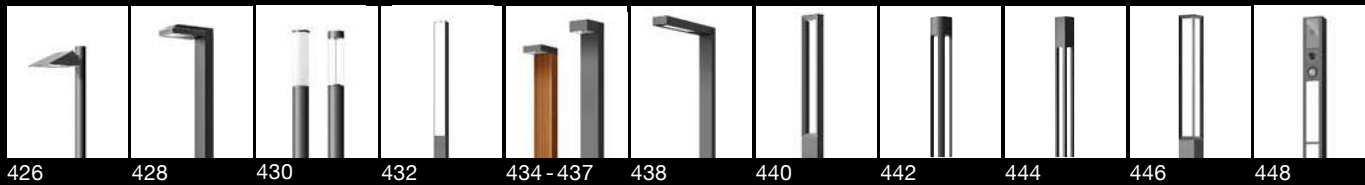
Floodlights



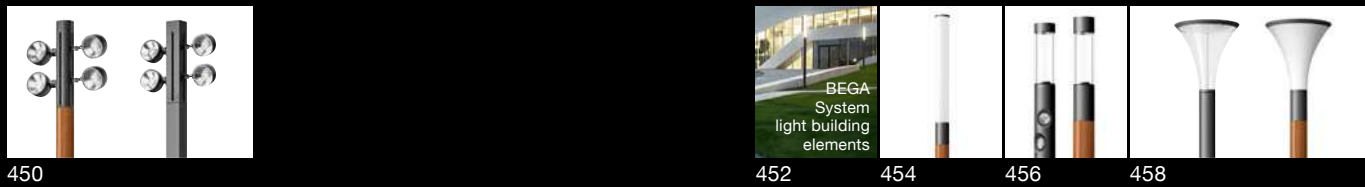
Swimming pool luminaires
Underwater floodlights



In-ground and on-ground luminaires



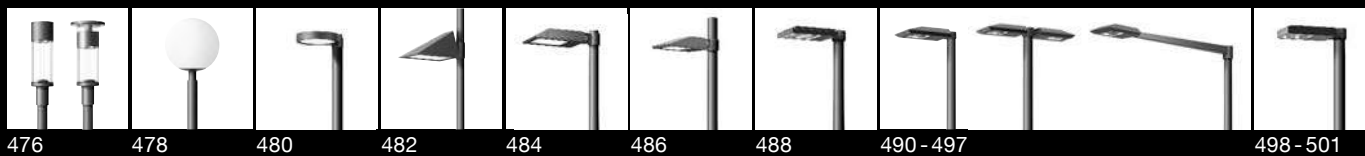
Light building elements



System light building elements



Pole-top luminaires



Pendant luminaires for catenary systems

Wall luminaires



516 518 520 522 528 534 544



546 548 550



528 530 532 532 536 538 552



554 556 558 560

Ceiling and wall luminaires

Pendant luminaires



524 526 544

Pillar luminaires



546 550 554 556 558 560

Bollard and garden luminaires

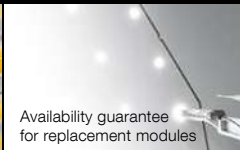


536 538 540 542 544





Pole-top luminaires



546 550 552 554 556 558 560

<p>BEGA</p> <p>About us and "das gute Licht"</p> <p>8</p>	 <p>LED technology</p> <p>10</p>	 <p>Availability guarantee for replacement modules</p> <p>11</p>
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About us and "das gute Licht"
About our guarantee and our technologies

 <p>BEGA Thermal Management®</p> <p>12</p>	 <p>Optical systems</p> <p>14</p>	 <p>Surface technologies</p> <p>16</p>	 <p>BEGA Connect</p> <p>17</p>
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 <p>LED lamps</p> <p>564</p>	 <p>Power supply units</p> <p>566</p>	 <p>Overvoltage protection</p> <p>567</p>	 <p>DALI system components</p> <p>568</p>	 <p>Zigbee system components</p> <p>572</p>
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LED lamps
Power supply units
Control and safety components

 <p>Accessories for floodlights with G½ threaded connection</p> <p>574</p>	 <p>BEGA UniLink</p> <p>576</p>	 <p>Accessories for floodlights with connection adapter</p> <p>577</p>	 <p>Accessories for high-performance floodlights</p> <p>578</p>
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Accessories for floodlights
BEGA UniLink

 <p>Socket types</p> <p>580</p>	 <p>Mounting garden and pathway luminaires</p> <p>581</p>	 <p>Screw-on bases, connection housings and anchorage units</p> <p>582</p>	 <p>Nema 7, power reduction, Connection boxes</p> <p>584</p>	 <p>Luminaire poles</p> <p>586 - 593</p>
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Socket types
Accessories for mounting and connecting luminaires
Luminaire poles

 <p>Light distribution</p> <p>594</p>	 <p>Degree of illuminance, reflection and luminance</p> <p>596</p>	 <p>Reference values for illumination</p> <p>598</p>	 <p>Protection classes, safety classes</p> <p>600</p>
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Lighting technology

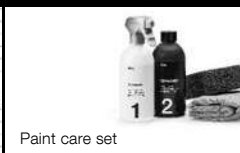
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About us and “das gute Licht”

For more than 75 years, BEGA has been developing and producing high-quality luminaires for almost all areas of interior and exterior architecture.

These years have given rise to products whose ideas and trademarks have become generic terms for countless luminaires in the entire industry.

We have carried the Light Brick – Lichtbaustein® trademark for more than 60 years, for example.

For more than 40 years, we have focused intensely on illumination from ground level. We had a formative influence on many of the current standards according to which the quality of this group of luminaires is judged. We know the extreme conditions which outdoor luminaires have to face up to. They are exposed to dirt, atmospheric influences and extreme temperature fluctuations. They have to stand up to enormous stress more than other luminaires.

We have created the perfection conditions for the production of our luminaires ourselves. They were not the consequence of any set of rules, but the result of our learning process as an integral part of our notions of quality.

Know-how, experience and a constant willingness to learn define our daily approach to the development of new luminaires and new product ideas.

Long before the term sustainability became an advertising buzzword, we attached great importance to careful design and the intelligent use of our raw materials.

Sustainable resource management and the creation of exemplary production facilities for both the workforce and the environment have been our basic entrepreneurial principles from the start, not just a prescribed element of our philosophy as is the case with many modern companies. For a long service life and operational reliability, our care in development and manufacture must also be continued in expert installation and maintenance by the electrical trade. Our daily work is determined by our high standards in lighting technology, workmanship and usability as well as in the aesthetic quality of our luminaires. Our common goal is to create durable assets that are designed to stand the test of time for decades to come.

Our luminaires are intended to fit in harmoniously as good construction details and as part of the architecture, and perform their tasks for many years. Their light should underline a building's architecture, create an atmospheric or striking scene or maintain its appearance at night.

Our luminaires are lighting tools for the diverse design ideas of all those who plan and design with light.



Our LED technology

Decades of experience have taught us the quality that is demanded of our luminaires. This knowledge results in the continuous improvement of our products. This commitment to a high level of quality applies similarly to our LED technology. When processing and selecting our LED components, we consistently adhere our own ideas and are not guided by standard market criteria. We have established all the necessary conditions to this end, including the latest manufacturing processes. All BEGA LED luminaires are supplied with tailor-made modules from our own production line.

We have control over all the materials used and therefore are not forced to enter any compromises. We alone determine all the essential factors such as light output, light colour and the thermal management of a luminaire, and we have a direct influence on quality as a result.

Our LED modules are expected to achieve the maximum possible service life. With this in mind, we are committed to using components and age-resistant materials of the highest quality, and consistently eschew the use of low-quality materials in our optical systems.

Instead we prefer durable and age-resistant materials such as glass, silicone and aluminium.

The ageing of electronic components - particularly LEDs - depends on the temperatures to which they are exposed during operation. The higher the component temperature, the shorter the anticipated service life.

Thermo-management therefore poses a major challenge when developing our luminaires. In addition to the use of high-quality components, we have taken constructive measures to ensure optimum temperature conditions inside the luminaires. The LED service life is significantly extended as a result. At the same time, electronic protective devices help to prevent the individual components from overheating. We have taken a decidedly conservative approach to temperature control in our luminaires – values remain far below the maximum temperatures for LED modules.

Our LED modules are designed for a service life of at least 50 000 operating hours. Depending on the ambient temperature, however, these values may be significantly higher. The data sheets on our website provide information on the LED service life of each luminaire in relation to the respective colour temperature and ambient temperature.



20-year availability guarantee

What happens when an LED comes to the end of its service life? Who supplies the replacement for this electronic component?

Should customers have to seek out new modules, or replace luminaires and entire lighting systems themselves?

We have not yet found answers from either external module suppliers or luminaire manufacturers that meet our understanding of corporate responsibility. We have come up with a solution to this problem for our customers.

You will find a lamp designation in every one of our LED luminaires, providing exact details on the modules installed within. Furthermore, our in-house production will enable us to deliver matching LED modules for many years to come.

We guarantee our customers that they will be able to obtain replacement modules from us up 20 years after purchasing an LED luminaire.

Perhaps the technology and design of the components will have changed by then, but in their light colour and output, the replacements will definitely match the originally installed LED modules.

Our LED luminaires are designed to enable easy replacement of these components on site using standard tools.

Suitable precautions have already been taken to protect against electrostatic discharge and accidental polarity reversal of the electronic components.

The safe and economical further use of your LED luminaires is thus assured.

Technical parameters for LED luminaires

Our technical terms for LED luminaires are predominantly based on the ZVEI definitions. We sometimes use other terms where they improve understanding. You can find a thorough explanation of the most important technical parameters for LED luminaires on our website.

BEGA AC module

We have developed special AC modules for luminaires with limited installation space.

These are connected directly to a 230V power supply, and have a colour rendering index (CRI) of > 80 and a colour temperature of 3000K.



Our technologies for the optimal protection of temperature-sensitive components

Electronic components are often very temperature-sensitive. They are often exposed to high temperatures inside a luminaire. Adverse ambient temperatures also place added strain on power supply units and modules in many places. This can lead to malfunctions and damage to the components. Thermal stress also leads to significant reductions in service life. We dedicate a great deal of attention to this matter and are continually improving the quality of our components and the protective devices in our luminaires.

BEGA Thermal Management® and BEGA Ultimate Driver® guarantee optimum thermal component protection and power supply units of the highest quality. BEGA Thermal Management® comprises two protection levels: BEGA Thermal Switch® and BEGA Thermal Control®.

The protective device installed in each case depends on the luminaire type and its primary use. You can find data sheets for all luminaires on our website. These contain all luminaire data and the current values for LED service life, luminous flux, maximum ambient temperature, and they provide information on the use of BEGA Thermal Management®.



Designed for ambient temperatures of up to 55 °C:
drive-over in-ground luminaire 84 555, Page 396



BEGA Thermal Switch®

Luminaires with BEGA Thermal Switch® have a switch-off device to protect temperature-sensitive components from overheating due to excessive ambient temperatures.

BEGA Thermal Control®

To protect the luminaire from overheating due to excessive ambient temperatures, luminaires with BEGA Thermal Control® have thermal regulation, which temporarily controls and regulates temperature inside the luminaire.

In the event of overheating, the luminaires are not switched off, but continue to operate with an adjusted output.

BEGA Ultimate Driver®

BEGA Ultimate Driver® is a power supply unit developed according to the highest BEGA quality standards, and characterised by numerous unique features.

These include optimum regulation thanks to BEGA Thermal Management®, impressive service life, high dielectric strength, maximum durability thanks to an extremely robust design, efficient overvoltage protection and low inrush current.



Our optical systems of the highest lighting quality

The longevity of BEGA products, the highest possible quality and a sense of responsibility are just some of our core values. We develop our optical systems according to these values. The consistent use of the highest-quality components is just as much a part of our philosophy of sustainability as the 20-year availability guarantee for LED modules.

Maximising the efficiency of light deflection is another important factor for certain lighting requirements. We have optimised the light deflection in our luminaires through the perfect interaction between our LED modules with precisely calculated and refined reflectors and optical lenses made of ultra-clear silicone.

We use our BEGA Hybrid Optics® and BEGA Vortex Optics® to develop long-lasting, wear-resistant optical systems of the highest lighting quality.

Luminaires with these optical systems feature a higher efficiency of light deflection compared with conventional light deflection methods, in which much of the light leaves the luminaire without being deflected.

You can find data sheets for all luminaires on our website. They provide information on all luminaire data and on the use of BEGA Hybrid Optics® and BEGA Vortex Optics®.



BEGA Hybrid Optics®



BEGA Hybrid Optics®

BEGA Hybrid Optics® offers complete lighting control, thanks to optimum refraction and reflection.

Precisely calculated reflectors with a surface made of pure aluminium and lenses made of ultra-clear silicone or glass capture nearly every beam of light from the LED modules. The interplay between lens and reflector technologies achieves maximum application efficiency.

BEGA Vortex Optics®

BEGA Vortex Optics® features newly developed twisted reflectors with a surface made of pure aluminium. The more intense concentration of light enables perfect light deflection. This makes it possible to achieve optimal light distribution without artefacts.

Thanks to excellent glare control, BEGA Vortex Optics® offers outstanding visual comfort. The interaction with the LED modules produces extraordinary lighting results.

BEGA Vortex Optics®



Our surface technologies with extraordinary durability

BEGA luminaires are intended to blend in harmoniously as architectural details and to perform their tasks for many years. As part of our commitment to sustainability, we pay special attention to efficient surface protection for our luminaires.

Resistance to corrosion and weathering as well as light stability are a high priority for us, in part due to the enormous variety of weather conditions worldwide.

BEGA Coating Technology® combines two technologies for the efficient protection of metallic surfaces. These technologies enable us to achieve surface protection of the highest quality.

You can find data sheets for all luminaires on our website. They provide information on all luminaire data and the use of BEGA Coating Technology®.

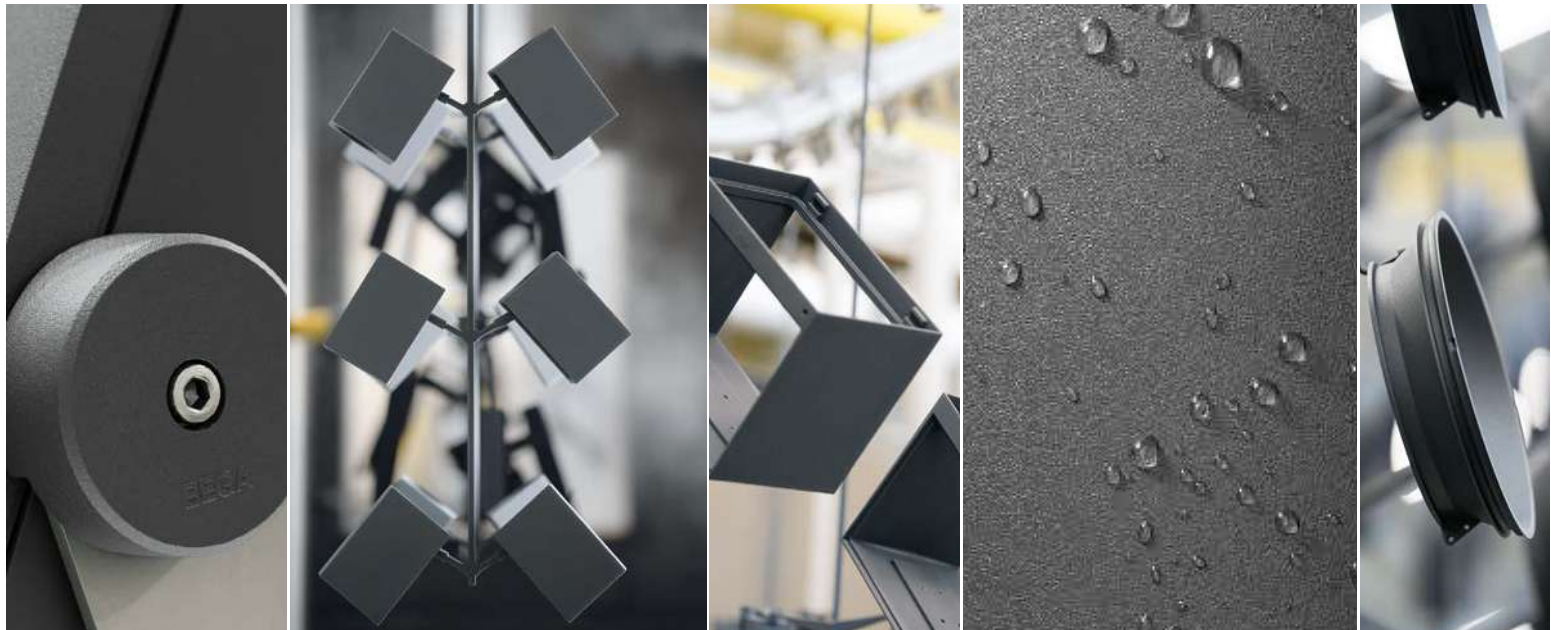
BEGA Unidure®

We use our BEGA Unidure® technology in order to meet the highest demands in terms of weather resistance and light stability.

This extremely weather-resistant powder coating achieves outstanding results in the most extreme endurance tests for worldwide use under particularly challenging climatic conditions involving continuous sunlight, extremely high temperatures and high humidity.

BEGA Tricoat®

We use our BEGA Tricoat® technology to achieve maximum corrosion resistance. These carefully coordinated inorganic and organic coating processes applied to extremely resistant alloys ensure the best possible surface protection and outstanding corrosion resistance.





Discover the future of light management for sophisticated architecture

ALMS stands for Architectural Lighting Management System. And the best ALMS has a simple, descriptive name: BEGA Connect. It expands the possibilities of professional lighting control and combines light and architecture into one holistic concept. A concept that is constantly adapting and evolving. Indoors and out, online and offline.









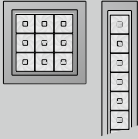


Simple. Clever. Reliable.
connect.bega.com





Overview of recessed ceiling luminaires · Downlights

This summary of our recessed ceiling luminaires and downlights for outdoor use provides a compact and brief overview of all the important product data. Current values and other technical data can be found in the luminaire's product data sheet on our website. The required installation depths can be found in the instructions for use for these luminaires. Please take these into account during your planning.

Page	20	22	24	26
	Small luminaires with a trim ring made of aluminium or stainless steel	Luminaires with a tall trim ring made of aluminium	Luminaires with a flat trim ring made of aluminium	Luminaires with a flat trim ring made of stainless steel
PSU	External included · on/off	External included · DALI	External included · DALI	External included · DALI
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K
CRI	>80	>80	>80	>80
Luminaire luminous flux	295 to 340 lm	705 to 4490 lm	720 to 4695 lm	710 to 4535 lm
Size	Ø 80 mm	Ø 110 · 145 · 175 · 220 mm	Ø 110 · 145 · 175 · 220 mm	Ø 120 · 160 · 180 · 240 mm
Light distribution				
Page	28	30	32	34
	Luminaires for flush installation in unplastered and plastered concrete ceilings	Luminaires with thick-walled crystal glass · Luminaires with partially frosted crystal glass for vertical illuminance	Luminaires with adjustable light distribution	Luminaires with dual lighting technology
PSU	External included · DALI	External included · on/off · DALI	External included · DALI	DALI
Colour temperature	3000 K · 4000 K	3000 K · 4000 K	3000 K · 4000 K · 2700 - 6500 K	3000 K · 2700 - 6500 K
CRI	>80	>80	>80	>80
Luminaire luminous flux	1210 to 2855 lm	250 to 1395 lm	420 to 4200 lm	4250 lm · 1400 to 2250 lm
Size	Ø 135 · 155 mm	Ø 80 · 115 · 155 · 185 mm	Ø 115 · 150 · 225 · 265 mm	Ø 600 mm
Light distribution				
Page	36	38		
	Square luminaires with a flat trim frame made of aluminium	Linear, rectangular luminaires with a flat trim frame made of aluminium		
PSU	External included · on/off · DALI	DALI		
Colour temperature	3000 K · 4000 K	3000 K · 4000 K		
CRI	>80	>80		
Luminaire luminous flux	335 to 6140 lm	1580 to 6955 lm		
Size	□ 120 · 155 · 190 · 275 mm	Length: 550 · 1040 · 1535 mm		
Light distribution				

Light distribution



Symmetrical



Symmetrical RGBW



Asymmetrical



Flat beam



Adjustable



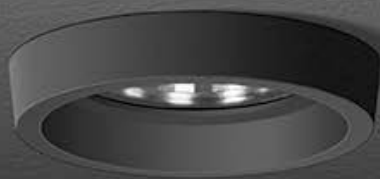
Adjustable RGBW



Adjustable Tunable white



Installation housing



Recessed ceiling luminaires
Compact downlights

Small and compact downlights with external on/off power supply units. Luminaires with an efficient and durable optical system – a combination of silicone diffusing lens and reflector made of pure anodised aluminium.

The luminaires are available with a trim ring made of cast aluminium or stainless steel, as well as with symmetrical wide beam or very wide beam light distribution.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 295 to 340 lm

Connected wattage 4.5 W

Size Ø 80 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Silicone diffusing lens

Including external on/off power supply units

Luminaires with symmetrical wide beam or very wide beam light distribution

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

55 921 · 55 922

Luminaire colour · BEGA Unidure®

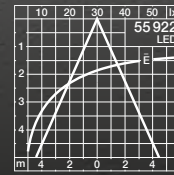
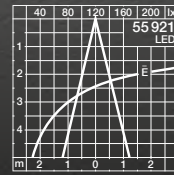
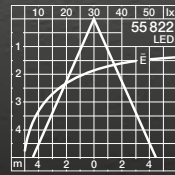
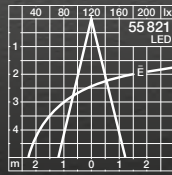
■ Graphite – article number

□ White – article number + **W**

20-year availability guarantee for LED modules


Light distribution

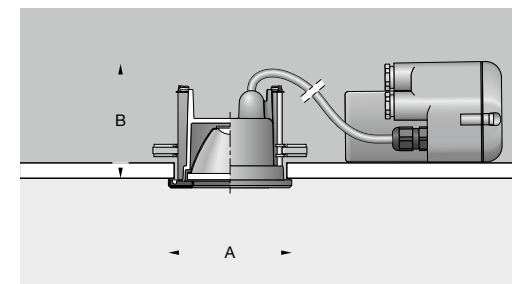


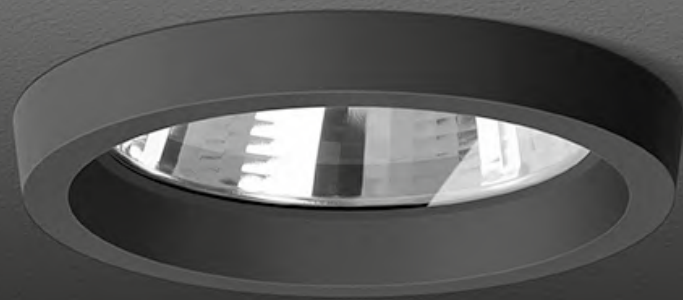


Compact downlights · Stainless steel trim ring							External PSU	
Wide beam	LED	β	A	B	AC/DC	on/off		
55 821	4,5 W	295 lm	28°	80	90	✓	Included	10 407
Very wide beam								
55 822	4,5 W	325 lm	79°	80	90	✓	Included	10 407
Compact downlights · Cast aluminium trim ring							External PSU	
Wide beam	LED	β	A	B	AC/DC	on/off		
55 921	4,5 W	340 lm	28°	80	90	✓	Included	10 407
Very wide beam								
55 922	4,5 W	335 lm	81°	80	90	✓	Included	10 407

β = Half beam angle

 Installation housing





Recessed ceiling luminaires Compact downlights

Recessed ceiling compact downlights with various LED outputs, half beam angles, dimensions and light distributions use BEGA Hybrid Optics® for optimal lighting control. This is made possible by optimal refraction and reflection by precise reflectors, featuring a surface made of pure aluminium and lenses made of ultra-clear silicone. This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We use durable and age-resistant materials such as glass, aluminium and silicone in these products.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	705 to 4490 lm
Connected wattage	7.1 to 38.6 W
Size	Ø 110 · 145 · 175 · 220 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Trim ring cast aluminium

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

External power supply units included
DALI-controllable

BEGA Thermal Management®

Luminaires with symmetrical and flat beam light distribution:
BEGA Hybrid Optics®

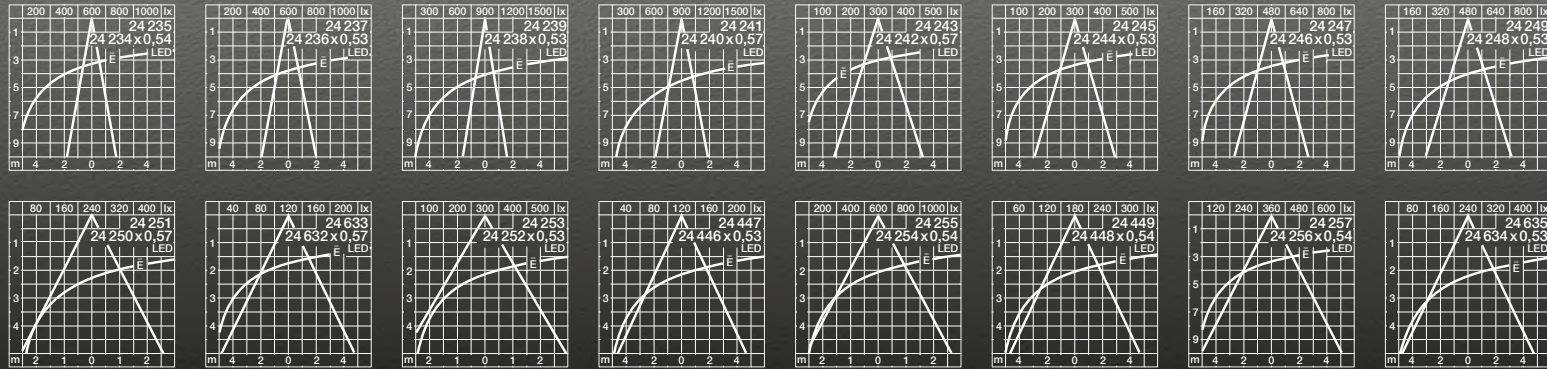
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
□ White – article number + **W**

20-year availability guarantee for LED modules

Light distribution





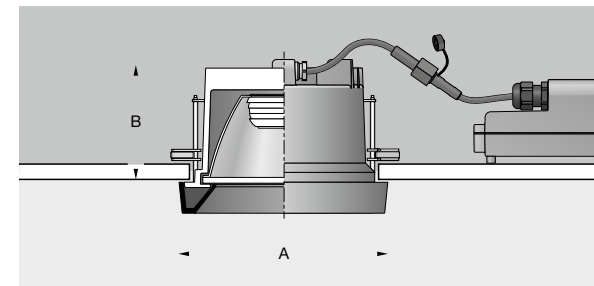
Symmetrical light distribution								
Narrow beam	LED	PSU	β	A	B	AC/DC		
24 234	7,1 W	795 lm	DALI	16°	110	90	✓	10 440
24 235	14,0 W	1465 lm	DALI	16°	110	90	✓	10 440
24 236	10,0 W	1105 lm	DALI	20°	145	90	✓	10 441
24 237	19,6 W	2050 lm	DALI	20°	145	90	✓	10 441
24 238	13,2 W	1555 lm	DALI	14°	175	95	✓	10 442
24 239	28,0 W	2890 lm	DALI	14°	175	95	✓	10 442
24 240	19,4 W	2420 lm	DALI	18°	220	115	✓	10 443
24 241	38,6 W	4490 lm	DALI	18°	220	115	✓	10 443
Wide beam								
24 242	7,1 W	785 lm	DALI	32°	110	90	✓	10 440
24 243	14,0 W	1385 lm	DALI	32°	110	90	✓	10 440
24 244	10,0 W	1140 lm	DALI	30°	145	90	✓	10 441
24 245	19,6 W	2115 lm	DALI	30°	145	90	✓	10 441
24 246	13,2 W	1600 lm	DALI	25°	175	95	✓	10 442
24 247	28,0 W	2925 lm	DALI	25°	175	95	✓	10 442
24 248	19,4 W	2300 lm	DALI	28°	220	115	✓	10 443
24 249	38,6 W	4295 lm	DALI	28°	220	115	✓	10 443
Very wide beam								
24 250	7,1 W	785 lm	DALI	58°	110	90	✓	10 440
24 251	14,0 W	1390 lm	DALI	58°	110	90	✓	10 440
24 632	7,1 W	720 lm	DALI	90°	110	90	✓	10 440
24 633	14,0 W	1250 lm	DALI	90°	110	90	✓	10 440
24 252	10,0 W	1155 lm	DALI	72°	145	90	✓	10 441
24 253	19,6 W	2140 lm	DALI	72°	145	90	✓	10 441
24 446	10,0 W	965 lm	DALI	83°	145	90	✓	10 441
24 447	19,6 W	1835 lm	DALI	83°	145	90	✓	10 441
24 254	13,2 W	1575 lm	DALI	60°	175	95	✓	10 442
24 255	28,0 W	2875 lm	DALI	60°	175	95	✓	10 442
24 448	13,2 W	1360 lm	DALI	84°	175	95	✓	10 442
24 449	28,0 W	2515 lm	DALI	84°	175	95	✓	10 442
24 256	19,4 W	2180 lm	DALI	56°	220	115	✓	10 443
24 257	38,6 W	4025 lm	DALI	56°	220	115	✓	10 443
24 634	19,4 W	2150 lm	DALI	90°	220	115	✓	10 443
24 635	38,6 W	4050 lm	DALI	90°	220	115	✓	10 443

Asymmetrical light distribution · Wall washers								
LED	PSU	β	A	B	AC/DC			
24 259	10,4 W	705 lm	DALI	51/57°	110	90	✓	10 440
24 261	13,2 W	1090 lm	DALI	63/64°	145	90	✓	10 441
24 263	19,6 W	1620 lm	DALI	70/67°	175	95	✓	10 442
24 265	27,1 W	2585 lm	DALI	67/65°	220	115	✓	10 443

Flat beam light distribution								
LED	PSU	β	A	B	AC/DC			
24 268	10,0 W	980 lm	DALI	100/57°	145	90	✓	10 441
24 269	19,6 W	1825 lm	DALI	100/57°	145	90	✓	10 441
24 270	13,2 W	1385 lm	DALI	105/58°	175	95	✓	10 442
24 271	28,0 W	2505 lm	DALI	105/58°	175	95	✓	10 442



BEGA Hybrid Optics®



β = Half beam angle

Installation housing



Recessed ceiling luminaires Compact downlights

Recessed ceiling compact downlights with various LED outputs, half beam angles, dimensions and light distributions use BEGA Hybrid Optics® for optimal lighting control. This is made possible by optimal refraction and reflection by precise reflectors, featuring a surface made of pure aluminium and lenses made of ultra-clear silicone. This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. Instead we prefer durable and age-resistant materials such as glass, silicone and aluminium. Additional information on BEGA Hybrid Optics® can be found on Page 14. The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	720 to 4695 lm
Connected wattage	7.1 to 38.6 W
Size	Ø 110 · 145 · 175 · 220 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Trim ring cast aluminium

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

External power supply units included
DALI-controllable

BEGA Thermal Management®

Luminaires with symmetrical and flat beam light distribution:
BEGA Hybrid Optics®

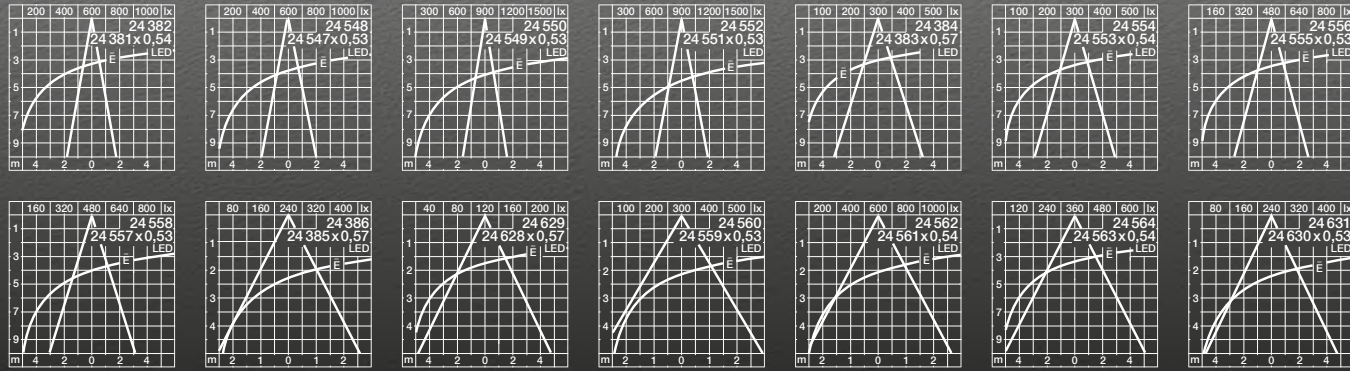
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
□ White – article number + **W**

20-year availability guarantee for LED modules

Light distribution

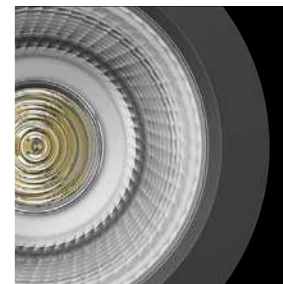




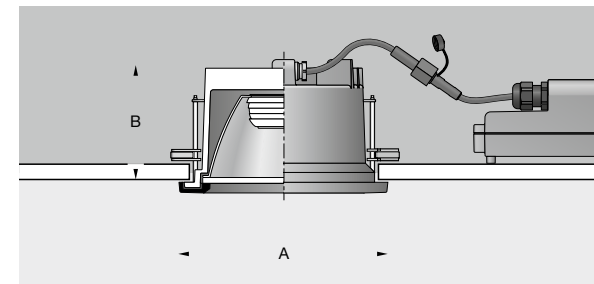
Symmetrical light distribution									
Narrow beam	LED	PSU	β	A	B	AC/DC			
24 381	7,1 W	790 lm	DALI	16°	110	90	✓	10 440	
24 382	14,0 W	1460 lm	DALI	16°	110	90	✓	10 440	
24 547	10,0 W	1160 lm	DALI	20°	145	90	✓	10 441	
24 548	19,6 W	2255 lm	DALI	20°	145	90	✓	10 441	
24 549	13,2 W	1560 lm	DALI	14°	175	95	✓	10 442	
24 550	28,0 W	2855 lm	DALI	14°	175	95	✓	10 442	
24 551	19,4 W	2480 lm	DALI	18°	220	115	✓	10 443	
24 552	38,6 W	4695 lm	DALI	18°	220	115	✓	10 443	
Wide beam									
24 383	7,1 W	780 lm	DALI	32°	110	90	✓	10 440	
24 384	14,0 W	1380 lm	DALI	32°	110	90	✓	10 440	
24 553	10,0 W	1150 lm	DALI	30°	145	90	✓	10 441	
24 554	19,6 W	2225 lm	DALI	30°	145	90	✓	10 441	
24 555	13,2 W	1560 lm	DALI	25°	175	95	✓	10 442	
24 556	28,0 W	2845 lm	DALI	25°	175	95	✓	10 442	
24 557	19,4 W	2420 lm	DALI	28°	220	115	✓	10 443	
24 558	38,6 W	4560 lm	DALI	28°	220	115	✓	10 443	
Very wide beam									
24 385	7,1 W	785 lm	DALI	58°	110	90	✓	10 440	
24 386	14,0 W	1385 lm	DALI	58°	110	90	✓	10 440	
24 628	7,1 W	720 lm	DALI	90°	110	90	✓	10 440	
24 629	14,0 W	1250 lm	DALI	90°	110	90	✓	10 440	
24 559	10,0 W	1095 lm	DALI	72°	145	90	✓	10 441	
24 560	19,6 W	2085 lm	DALI	72°	145	90	✓	10 441	
24 442	10,0 W	985 lm	DALI	86°	145	90	✓	10 441	
24 443	19,6 W	1875 lm	DALI	86°	145	90	✓	10 441	
24 561	13,2 W	1500 lm	DALI	63°	175	95	✓	10 442	
24 562	28,0 W	2750 lm	DALI	63°	175	95	✓	10 442	
24 444	13,2 W	1390 lm	DALI	86°	175	95	✓	10 442	
24 445	28,0 W	2565 lm	DALI	86°	175	95	✓	10 442	
24 563	19,4 W	2455 lm	DALI	56°	220	115	✓	10 443	
24 564	38,6 W	4635 lm	DALI	56°	220	115	✓	10 443	
24 630	19,4 W	2150 lm	DALI	90°	220	115	✓	10 443	
24 631	38,6 W	4050 lm	DALI	90°	220	115	✓	10 443	

Asymmetrical light distribution · Wall washers									
LED	PSU	β	A	B	AC/DC				
24 369	10,4 W	720 lm	DALI	51/57°	110	90	✓	10 440	
24 565	13,2 W	1210 lm	DALI	63/64°	145	90	✓	10 441	
24 566	19,6 W	1900 lm	DALI	70/67°	175	95	✓	10 442	
24 567	27,1 W	3005 lm	DALI	67/65°	220	115	✓	10 443	

Flat beam light distribution									
LED	PSU	β	A	B	AC/DC				
24 387	10,0 W	1055 lm	DALI	100/57°	145	90	✓	10 441	
24 136	19,6 W	2000 lm	DALI	100/57°	145	90	✓	10 441	
24 388	13,2 W	1385 lm	DALI	105/58°	175	95	✓	10 442	
24 143	28,0 W	2600 lm	DALI	105/58°	175	95	✓	10 442	



BEGA Hybrid Optics®



β = Half beam angle

Installation housing



Recessed ceiling luminaires · Compact downlights

Recessed ceiling compact downlights with various LED outputs, half beam angles, dimensions and light distributions use BEGA Hybrid Optics® for optimal lighting control. This is made possible by optimal refraction and reflection by precise reflectors, featuring a surface made of pure aluminium and lenses made of ultra-clear silicone.

This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We use durable and age-resistant materials such as glass, aluminium and silicone in these products.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 710 to 4535 lm

Connected wattage 7.1 to 38.6 W

Size Ø 120 · 160 · 180 · 240 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Trim ring made of stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

External power supply units included
DALI-controllable

BEGA Thermal Management®

Luminaires with symmetrical and flat beam light distribution:

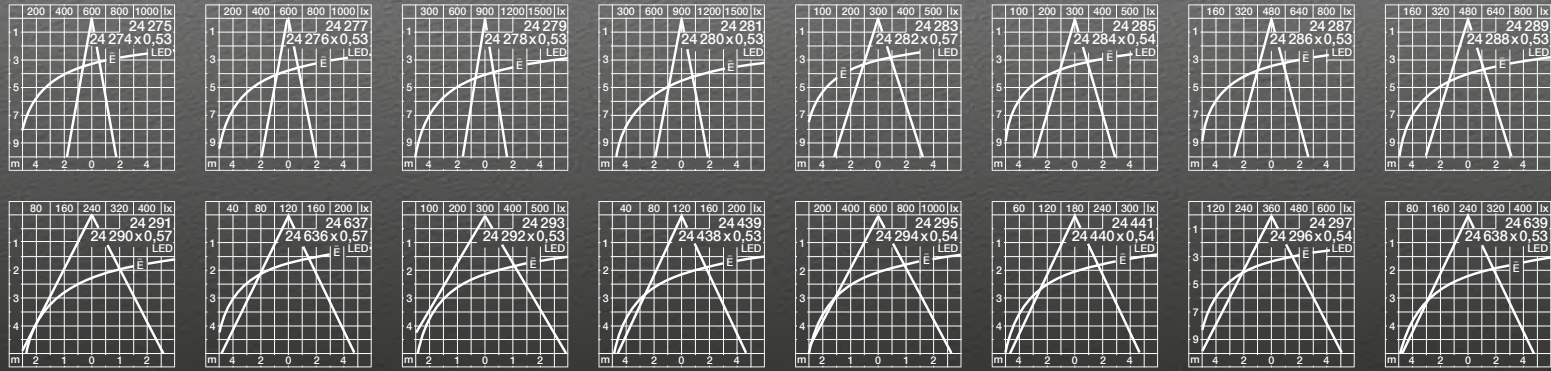
BEGA Hybrid Optics®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

20-year availability guarantee for LED modules

Light distribution





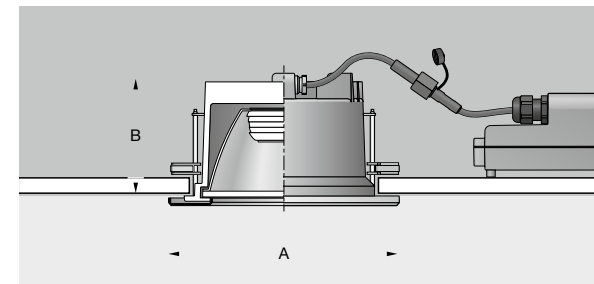
		Symmetrical light distribution							
	LED	PSU	β	A	B	AC/DC			
Narrow beam									
24 274	7,1 W	785 lm	DALI	16°	120	90	✓	10 440	
24 275	14,0 W	1445 lm	DALI	16°	120	90	✓	10 440	
24 276	10,0 W	1120 lm	DALI	20°	160	90	✓	10 441	
24 277	19,6 W	2075 lm	DALI	20°	160	90	✓	10 441	
24 278	13,2 W	1565 lm	DALI	14°	180	95	✓	10 442	
24 279	28,0 W	2930 lm	DALI	14°	180	95	✓	10 442	
24 280	19,4 W	2445 lm	DALI	18°	240	115	✓	10 443	
24 281	38,6 W	4535 lm	DALI	18°	240	115	✓	10 443	
Wide beam									
24 282	7,1 W	775 lm	DALI	32°	120	90	✓	10 440	
24 283	14,0 W	1365 lm	DALI	32°	120	90	✓	10 440	
24 284	10,0 W	1160 lm	DALI	30°	160	90	✓	10 441	
24 285	19,6 W	2155 lm	DALI	30°	160	90	✓	10 441	
24 286	13,2 W	1625 lm	DALI	25°	180	95	✓	10 442	
24 287	28,0 W	2965 lm	DALI	25°	180	95	✓	10 442	
24 288	19,4 W	2345 lm	DALI	28°	240	115	✓	10 443	
24 289	38,6 W	4365 lm	DALI	28°	240	115	✓	10 443	
Very wide beam									
24 290	7,1 W	770 lm	DALI	58°	120	90	✓	10 440	
24 291	14,0 W	1355 lm	DALI	58°	120	90	✓	10 440	
24 636	7,1 W	720 lm	DALI	90°	120	90	✓	10 440	
24 637	14,0 W	1250 lm	DALI	90°	120	90	✓	10 440	
24 292	10,0 W	1155 lm	DALI	72°	160	90	✓	10 441	
24 293	19,6 W	2180 lm	DALI	72°	160	90	✓	10 441	
24 438	10,0 W	1015 lm	DALI	86°	160	90	✓	10 441	
24 439	19,6 W	1930 lm	DALI	86°	160	90	✓	10 441	
24 294	13,2 W	1595 lm	DALI	60°	180	95	✓	10 442	
24 295	28,0 W	2915 lm	DALI	60°	180	95	✓	10 442	
24 440	13,2 W	1425 lm	DALI	86°	180	95	✓	10 442	
24 441	28,0 W	2635 lm	DALI	86°	180	95	✓	10 442	
24 296	19,4 W	2230 lm	DALI	56°	240	115	✓	10 443	
24 297	38,6 W	4115 lm	DALI	56°	240	115	✓	10 443	
24 638	19,4 W	2150 lm	DALI	90°	240	115	✓	10 443	
24 639	38,6 W	4050 lm	DALI	90°	240	115	✓	10 443	

		Asymmetrical light distribution · Wall washers							
	LED	PSU	β	A	B	AC/DC			
24 299	10,4 W	710 lm	DALI	51/57°	120	90	✓	10 440	
24 322	13,2 W	1175 lm	DALI	63/64°	160	90	✓	10 441	
24 324	19,6 W	1750 lm	DALI	70/67°	180	95	✓	10 442	
24 326	27,1 W	2825 lm	DALI	67/65°	240	115	✓	10 443	

		Flat beam light distribution							
	LED	PSU	β	A	B	AC/DC			
24 329	10,0 W	1025 lm	DALI	100/57°	160	90	✓	10 441	
24 330	19,6 W	1905 lm	DALI	100/57°	160	90	✓	10 441	
24 331	13,2 W	1450 lm	DALI	105/58°	180	95	✓	10 442	
24 332	28,0 W	2620 lm	DALI	105/58°	180	95	✓	10 442	

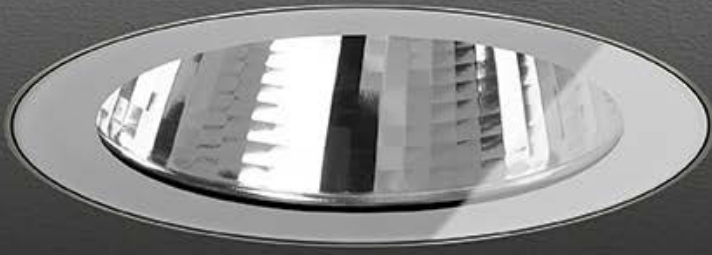


BEGA Hybrid Optics®



β = Half beam angle

Installation housing



For unplastered concrete ceilings



For plastered concrete ceilings

Recessed ceiling luminaires · Compact downlights

For **flush-mounting installation** in unplastered and plastered concrete ceilings

These recessed ceiling compact downlights are specially designed for flush installation in plastered and unplastered concrete ceilings. Suitable installation housings are available for the respective installation situation, including for installation in precast ceilings and in-situ concrete ceilings. Upon completion of the ceiling, the luminaires are inserted into the recessed housing via a bayonet closure.

BEGA compact downlights, which boast both unmistakable lighting technology and an intelligent installation system.

Luminaires that make a fascinating visual impression, thanks in particular to the flush integration of the glass in concrete ceilings. Additional information on BEGA Hybrid Optics® can be found on Page 14.

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Please note: An installation housing is always required for installing the luminaires. Please order the appropriate installation housing for the installation of the luminaire and power supply unit according to your on-site use.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1210 to 2855 lm
Connected wattage	13.2 to 28.0 W
Size	Ø 135 · 155 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

External power supply units included
DALI-controllable

BEGA Thermal Management®

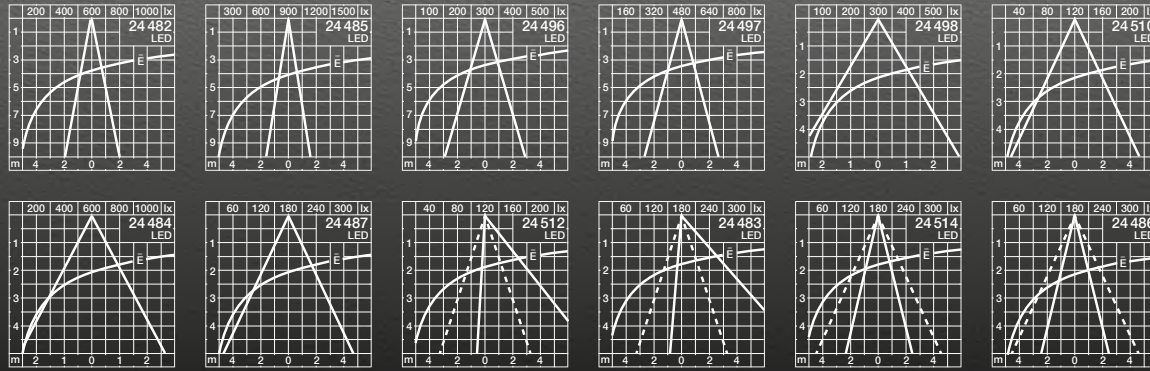
Luminaires with symmetrical and flat beam light distribution:
BEGA Hybrid Optics®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

20-year availability guarantee for LED modules

Light distribution





Symmetrical light distribution

Narrow beam	LED	PSU	β	A	B	AC/DC
24 482	19,6 W	2255 lm	DALI	20°	135 195	✓
24 485	28,0 W	2855 lm	DALI	14°	155 230	✓
streuend						
24 496	19,6 W	2225 lm	DALI	30°	135 195	✓
24 497	28,0 W	2845 lm	DALI	25°	155 230	✓
Very wide beam						
24 498	19,6 W	2085 lm	DALI	72°	135 195	✓
24 510	19,6 W	1875 lm	DALI	86°	135 195	✓
24 484	28,0 W	2750 lm	DALI	63°	155 230	✓
24 487	28,0 W	2565 lm	DALI	86°	155 230	✓

Asymmetrical light distribution · Wall washers

	LED	PSU	β	A	B	AC/DC
24 512	13,2 W	1210 lm	DALI	63/64°	135 195	✓
24 483	19,6 W	1900 lm	DALI	70/67°	155 230	✓

Flat beam light distribution

	LED	PSU	β	A	B	AC/DC
24 514	19,6 W	2000 lm	DALI	100/57°	135 195	✓
24 486	28,0 W	2600 lm	DALI	105/58°	155 230	✓

β = Half beam angle

B = Installation depth



Installation housing

For unplastered concrete ceilings For plastered concrete ceilings

13 599 **13 600**

13 602 **13 603**

13 599 **13 600**

13 602 **13 603**

Installation housing

For unplastered concrete ceilings For plastered concrete ceilings

13 599 **13 600**

13 602 **13 603**

Installation housing

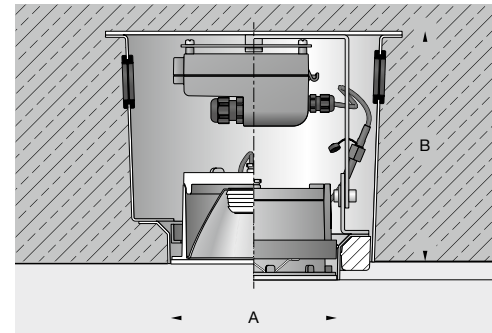
For unplastered concrete ceilings For plastered concrete ceilings

13 599 **13 600**

13 602 **13 603**



BEGA Hybrid Optics®





Recessed ceiling luminaires · Downlights

Recessed ceiling downlights with various LED outputs, half beam angles and dimensions for installation in suspended ceilings. Using the appropriate installation housing, the luminaires are also suitable for installation in concrete ceilings.

The crystal glass projecting beyond the ceiling trim ring has a partial matt finish on the inside for optimum glare suppression and directs a part of the light sideways onto the ceiling. This creates additional visual comfort and a brilliant appearance through the intensity of the horizontal illuminance.

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	250 to 1395 lm
Connected wattage	4.5 to 22.0 W
Size	Ø 80 · 115 · 155 · 185 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Trim ring made of stainless steel

Crystal glass, partially frosted

Reflector made of pure anodised aluminium

Silicone diffusing lens

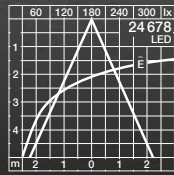
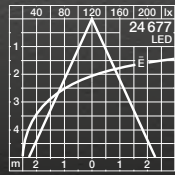
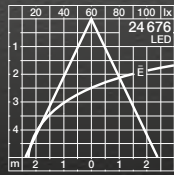
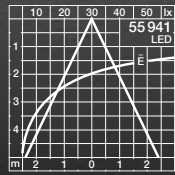
External power supply units included on/off or DALI

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**


20-year availability guarantee for LED modules

Light distribution




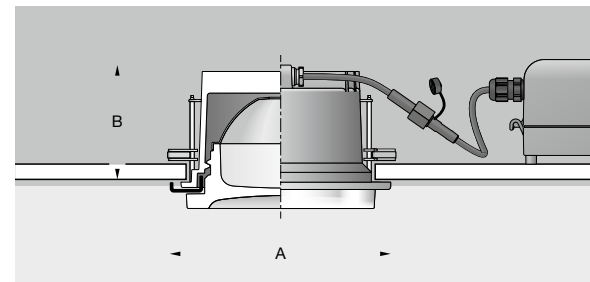
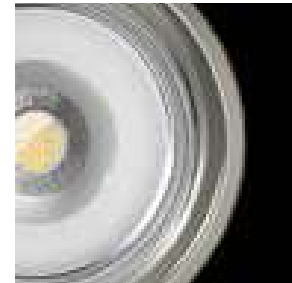


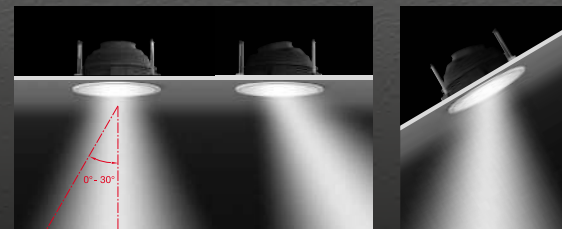
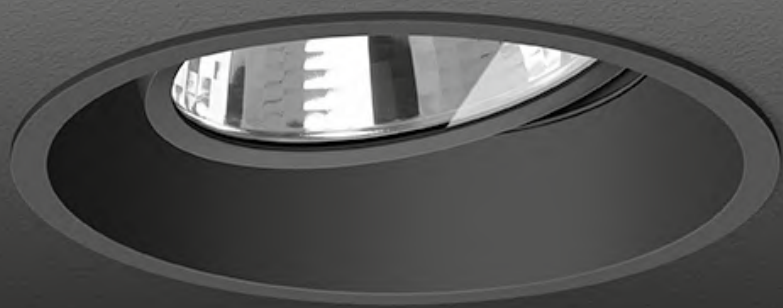
Compact downlights

	LED	PSU	β	A	B	AC/DC	
55 941	4,5 W	250 lm	on/off	43°	80 90	✓	10 407
24 676	11,0 W	630 lm	DALI	54°	115 90	✓	10 440
24 677	15,5 W	850 lm	DALI	43°	155 90	✓	10 441
24 678	22,0 W	1395 lm	DALI	43°	185 95	✓	10 442

β = Half beam angle

 Installation housing





Recessed ceiling luminaires · Downlights

Adjustable light distribution

Luminaires with fixed colour temperature, RGBW or variable colour temperature (tunable white)

The reflector unit used in these recessed ceiling luminaires can be pivoted from 0° to 30° and rotated through 360°. The adjustable inclination angle offers highly flexible solutions for lighting applications on horizontal and sloped ceilings. Different half beam angles and light outputs are also available, as are luminaires with RGBW or tunable white functions.

The luminaires are equipped with BEGA Hybrid Optics® technology. Diffuser lenses that alter the light distribution with a flat beam are also available. Additional information on BEGA Hybrid Optics® can be found on Page 14.

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

The RGBW luminaires in this series can be controlled using a DALI colour light control (DT 8, RGBWAF, xy, T), and the tunable white luminaires with the help of a DALI colour light control (DT8, TW). Suitable DALI system components can be found on Page 568.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 420 to 4200 lm

Connected wattage 5.1 to 41.0 W

Size Ø 115 · 150 · 225 · 265 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

External power supply units included on/off or DALI

BEGA Thermal Management®

Inclination angle of the reflector

Adjustable from 0° to 30°

can be rotated through 360°

24 530 · 24 533 · 24 541 · 24 531 · 24 534

24 542 · 24 532 · 24 535 · 24 543 · 24 538

24 544 · 24 539 · 24 545 · 24 540 · 24 546

BEGA Hybrid Optics®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Colour temperature of tunable white

luminaires adjustable from 2700 to 6500 K

Luminaire colour · BEGA Unidure®

■ Graphite – article number

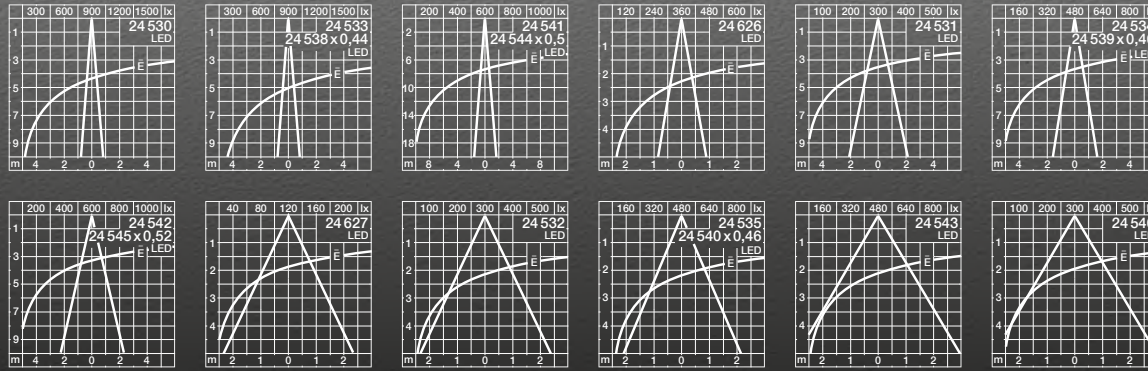
□ White – article number + **W**

20-year availability guarantee for

LED modules

Light distribution





Adjustable light distribution · Fixed colour temperature

Focused LED	PSU	β	A	B	AC/DC
24 530 14.3 W 850 lm	DALI	10°	150	100	✓
24 533 24.8 W 1600 lm	DALI	8°	225	135	✓
24 541 41.0 W 2400 lm	DALI	10°	265	155	✓
Wide beam					
24 626 5.1 W 420 lm	on/off	20°	115	90	✓
24 531 13.5 W 1400 lm	DALI	24°	150	100	✓
24 534 24.0 W 2500 lm	DALI	18°	225	135	✓
24 542 38.0 W 4200 lm	DALI	24°	265	155	✓
Very wide beam					
24 627 5.1 W 420 lm	on/off	52°	115	90	✓
24 532 13.5 W 1400 lm	DALI	50°	150	100	✓
24 535 24.0 W 2500 lm	DALI	46°	225	135	✓
24 543 38.0 W 4200 lm	DALI	64°	265	155	✓

Accessories

Icon 1	Icon 2	Icon 3
10441	10014	Integrated
10443	10016	Integrated
10444	10019	Integrated

10440	10013	—
10441	10014	71215
10443	10016	71119
10444	10019	71112
10440	10013	—
10441	10014	—
10443	10016	—
10444	10019	—

Adjustable light distribution · RGB W · For additive colour mixing

Wide beam LED	PSU	β	A	B	AC/DC
24 607 13.5 W 700 lm	DALI DT8	24°	150	100	✓
24 608 24.0 W 1200 lm	DALI DT8	24°	225	135	✓
24 609 39.0 W 2000 lm	DALI DT8	24°	265	155	✓
Very wide beam					
24 610 13.5 W 700 lm	DALI DT8	56°	150	100	✓
24 611 24.0 W 1200 lm	DALI DT8	56°	225	135	✓
24 612 39.0 W 2000 lm	DALI DT8	56°	265	155	✓

Accessories

10441	10014
10443	10016
10444	10019

Adjustable light distribution · Tunable white · 2700 - 6500K

Focused LED	PSU	β	A	B	AC/DC
24 538 13.6 W 710 lm	DALI DT8, TW	8°	225	135	✓
24 544 27.5 W 1200 lm	DALI DT8, TW	10°	265	155	✓
Wide beam					
24 539 13.2 W 1140 lm	DALI DT8, TW	18°	225	135	✓
24 545 27.0 W 2200 lm	DALI DT8, TW	24°	265	155	✓
Very wide beam					
24 540 13.2 W 1140 lm	DALI DT8, TW	46°	225	135	✓
24 546 27.0 W 2200 lm	DALI DT8, TW	64°	265	155	✓

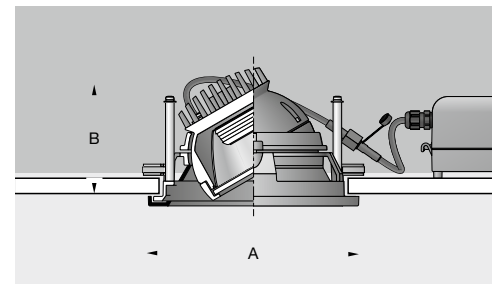
Accessories

10443	10016	Integrated
10444	10019	Integrated

10443	10016	71119
10444	10019	71112
10443	10016	—
10444	10019	—





BEGA Hybrid Optics®



β = Half beam angle

 Installation housing

 Diffuser lenses · Flat beam

 Louvres



Recessed ceiling luminaire with dual lighting technology · Downlight
Luminaires with fixed colour temperature, RGB W or variable colour temperature (tunable white)

This new recessed ceiling luminaire features two light sources: In the centre of the luminaire, a downlight with BEGA Hybrid Optics® provides a luminous flux of 4250 lm at 3000 K and a 30° half beam angle for the corresponding degree of illuminance on the working plane. A second indirect light source supplies 2250 lm of daylight white light (6500 K) through a hemispherical space in the luminaire and simulates diffuse daylight.

Both light sources, the downlight and the indirect hemispherical light source, are individually DALI-controllable. The interplay of downward-directed, warm white light and indirect daylight white light creates a unique lighting atmosphere that gives the impression of a sunny sky.

The luminaires are equipped with BEGA Hybrid Optics® technology and are also available with RGBW and tunable white functions. Additional information on BEGA Hybrid Optics® can be found on Page 14.

The RGBW luminaires in this series can be controlled using a DALI colour light control (DT8, RGBWAF, xy), and the tunable white luminaires with the help of a DALI colour light control (DT8, TW). Suitable DALI system components can be found on Page 568.

Suitable installation housings for installation in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	
Direct	4250 lm
Indirect	1400 to 2250 lm

Connected wattage	
Direct	42.6 W
Indirect	35.5 · 45.0 W

Size	Ø 600 mm
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Protection class	IP 65
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Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

Power supply units individually DALI-controllable

BEGA Thermal Management®

BEGA Hybrid Optics®

LED colour temperature

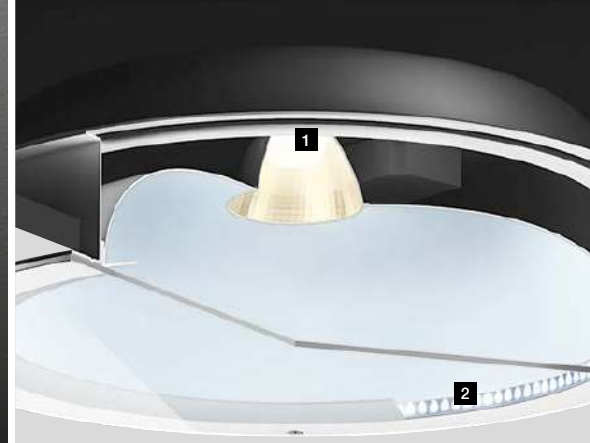
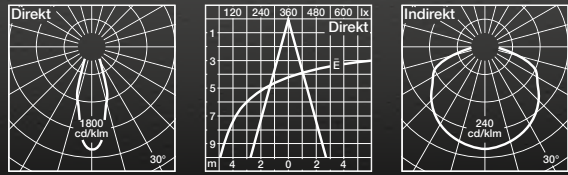
3000 K – article number + **K3**

Colour temperature of tunable white luminaires adjustable from 2700 to 6500 K

20-year availability guarantee for LED modules

Light distribution






1. **Direct** downward-directed light source - Hybrid Optics®
2. **Indirect** hemispherical light source - Optionally available with fixed colour temperature, RGBW or variable colour temperature (tunable white)


Direct 3000 K · Indirect 6500 K

	LED				PSU	β	A	B	AC/DC	
24 650	42.6 W	4250 lm	3000 K	Direct	DALI	30°	600	230	✓	13 601
	35.5 W	2250 lm	6500 K	Indirect	DALI					

Direct 3000 K · Indirect **RGBW** for additive colour mixing


	LED				PSU	β	A	B	AC/DC	
24 652	42.6 W	4250 lm	3000 K	Direct	DALI	30°	600	230	✓	13 601
	45.0 W	1400 lm	RGBW	Indirect	DALI					

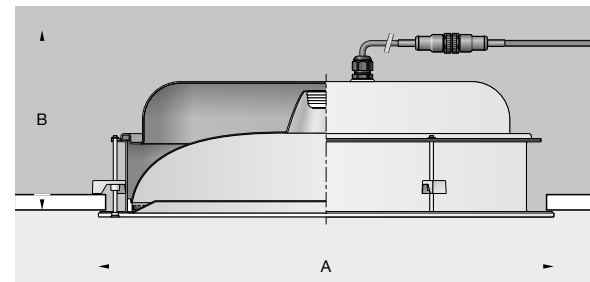
Direct 3000 K · Indirect **tunable white** 2700 - 6500 K

	LED				PSU	β	A	B	AC/DC	
24 651	42.6 W	4250 lm	3000 K	Direct	DALI	30°	600	230	✓	13 601
	35.5 W	2000 lm	2700 - 6500 K	Indirect	DALI					

β = Half beam angle

B = Installation depth

 Installation housing





Recessed ceiling luminaires · Downlights

Square downlights with patented Vortex Optics® with various LED outputs, half beam angles and dimensions for installation in suspended ceilings – as well as in concrete ceilings by means of installation housings.

These luminaires are available with symmetrical narrow beam, symmetrical wide beam, symmetrical very wide beam or asymmetrical light distribution and in different lengths for various lighting applications.

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort.

Additional information on BEGA Vortex Optics® can be found on Page 14.

The external power supply units are included in the scope of delivery and are connected to the luminaire by means of a convenient plug connector. The electrical connection of the power supply unit can therefore be established before the final installation of the luminaire, if required by the customer.

Suitable installation housings for installing the luminaire and power supply unit in concrete ceilings can be found in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	335 to 6140 lm
Connected wattage	4.4 to 62.0 W
Size	<input type="checkbox"/> 120 · 155 · 190 · 275 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

External power supply units included on/off or DALI

BEGA Thermal Management®

BEGA Vortex Optics®

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

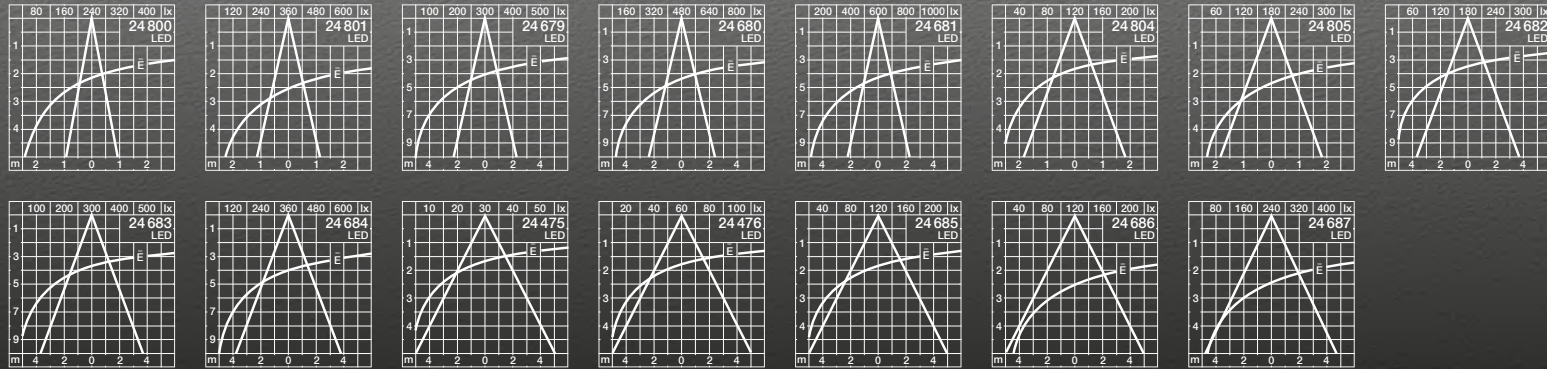
Luminaire colour · BEGA Unidure®

White – article number
 Silver – article number + **A**

20-year availability guarantee for LED modules

Light distribution





		Symmetrical narrow beam light distribution							
	LED	PSU	β	A	B	AC/DC			
	24 800	4.4 W	410 lm	on/off	24°	120	90	✓	13 500
	24 801	10.4 W	650 lm	on/off	25°	120	90	✓	13 500
	24 679	21.5 W	1290 lm	DALI	28°	155	90	✓	13 501
	24 680	39.0 W	2360 lm	DALI	25°	190	90	✓	13 502
	24 681	62.0 W	4295 lm	DALI	20°	275	100	✓	13 578

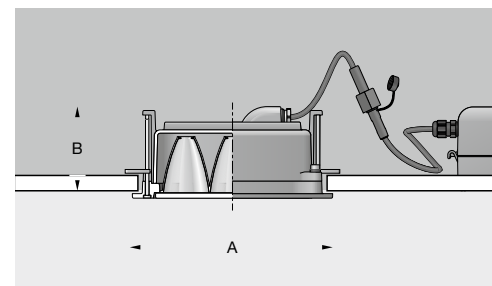
		Symmetrical wide beam light distribution							
	LED	PSU	β	A	B	AC/DC			
	24 804	4.4 W	425 lm	on/off	40°	120	90	✓	13 500
	24 805	10.4 W	815 lm	on/off	40°	120	90	✓	13 500
	24 682	21.5 W	1700 lm	DALI	41°	155	90	✓	13 501
	24 683	39.0 W	3215 lm	DALI	41°	190	90	✓	13 502
	24 684	62.0 W	6140 lm	DALI	41°	275	100	✓	13 578

		Symmetrical very wide beam light distribution							
	LED	PSU	β	A	B	AC/DC			
	24 475	4.4 W	375 lm	on/off	90°	120	90	✓	13 500
	24 476	10.4 W	835 lm	on/off	90°	120	90	✓	13 500
	24 685	21.5 W	1800 lm	DALI	90°	155	90	✓	13 501
	24 686	39.0 W	3610 lm	DALI	90°	190	90	✓	13 502
	24 687	62.0 W	5770 lm	DALI	90°	275	100	✓	13 578

		Asymmetrical light distribution							
	LED	PSU	β	A	B	AC/DC			
	24 812	4.4 W	335 lm	on/off	44/50°	120	90	✓	13 500
	24 813	10.4 W	710 lm	on/off	46/52°	120	90	✓	13 500
	24 688	21.5 W	1570 lm	DALI	46/52°	155	90	✓	13 501
	24 689	39.0 W	2795 lm	DALI	46/52°	190	90	✓	13 502
	24 690	62.0 W	5745 lm	DALI	46/52°	275	100	✓	13 578

β = Half beam angle

 Installation housing





Recessed ceiling luminaires · Downlights

Linear downlights with patented BEGA Vortex Optics® with various LED outputs, half beam angles and lengths for installation in suspended ceilings – as well as in concrete ceilings, using installation housings. These luminaires are available with symmetrical narrow beam, symmetrical wide beam, symmetrical very wide beam or asymmetrical light distribution and in different lengths for various lighting applications. Our patented (European patent EP 3098504) reflectors enable perfect light deflection through intensive concentration of the light with maximum visual comfort. Additional information on BEGA Vortex Optics® can be found on Page 14.

Shallow installation depths, high light output and a high protection class make these luminaires durable and reliable lighting tools for both indoor and outdoor use.

Suitable installation housings for installation in concrete ceilings can be found in the table. We recommend the use of an installation frame if the luminaires are to be installed in suspended ceilings.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1580 to 6955 lm
Connected wattage	18.3 to 54.4 W
Luminaire length	550 · 1045 · 1535 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

DALI-controllable power supply units.

BEGA Thermal Management®

BEGA Vortex Optics®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

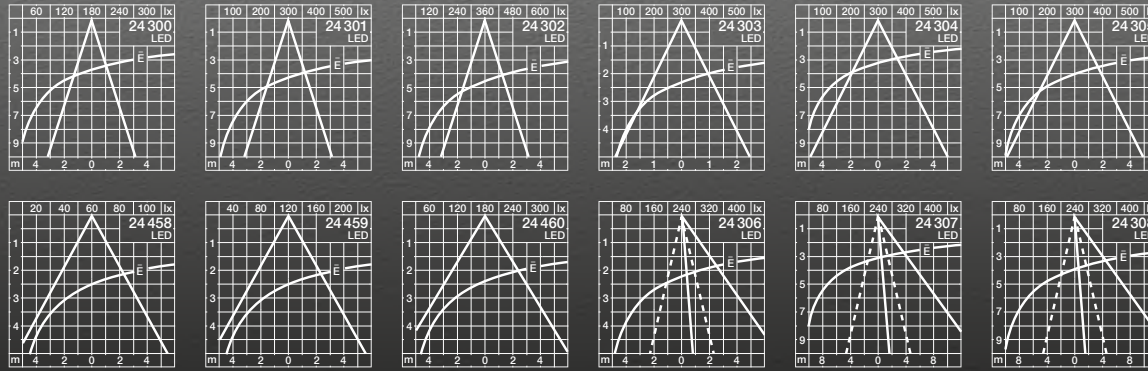
□ White – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

Light distribution





Symmetrical narrow beam light distribution

	LED	PSU	β	A	B	AC/DC	Accessories	Installation housing	Installation frame
24 300	18.3 W 1580 lm	DALI	34°	550 × 76	105	✓		13 579	13 516
24 301	35.6 W 3255 lm	DALI	34°	1045 × 76	105	✓		13 580	13 517
24 302	54.4 W 4790 lm	DALI	34°	1535 × 76	105	✓		13 581	13 518



Symmetrical wide beam light distribution

	LED	PSU	β	A	B	AC/DC	Accessories	Installation housing	Installation frame
24 303	18.3 W 2190 lm	DALI	55°	550 × 76	105	✓		13 579	13 516
24 304	35.6 W 4380 lm	DALI	55°	1045 × 76	105	✓		13 580	13 517
24 305	54.4 W 6955 lm	DALI	55°	1535 × 76	105	✓		13 581	13 518



Symmetrical very wide beam light distribution

	LED	PSU	β	A	B	AC/DC	Accessories	Installation housing	Installation frame
24 458	18.3 W 1920 lm	DALI	95°	550 × 76	105	✓		13 579	13 516
24 459	35.6 W 4065 lm	DALI	95°	1045 × 76	105	✓		13 580	13 517
24 460	54.4 W 6170 lm	DALI	95°	1535 × 76	105	✓		13 581	13 518



Asymmetrical light distribution

	LED	PSU	β	A	B	AC/DC	Accessories	Installation housing	Installation frame
24 306	18.3 W 1980 lm	DALI	42/50°	550 × 76	105	✓		13 579	13 516
24 307	35.6 W 4025 lm	DALI	42/50°	1045 × 76	105	✓		13 580	13 517
24 308	54.4 W 6210 lm	DALI	42/50°	1535 × 76	105	✓		13 581	13 518

β = Half beam angle

Accessories

Installation housing	Installation frame
13 579	13 516
13 580	13 517
13 581	13 518

Accessories

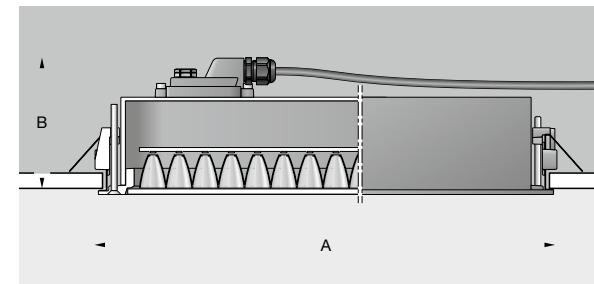
Installation housing	Installation frame
13 579	13 516
13 580	13 517
13 581	13 518

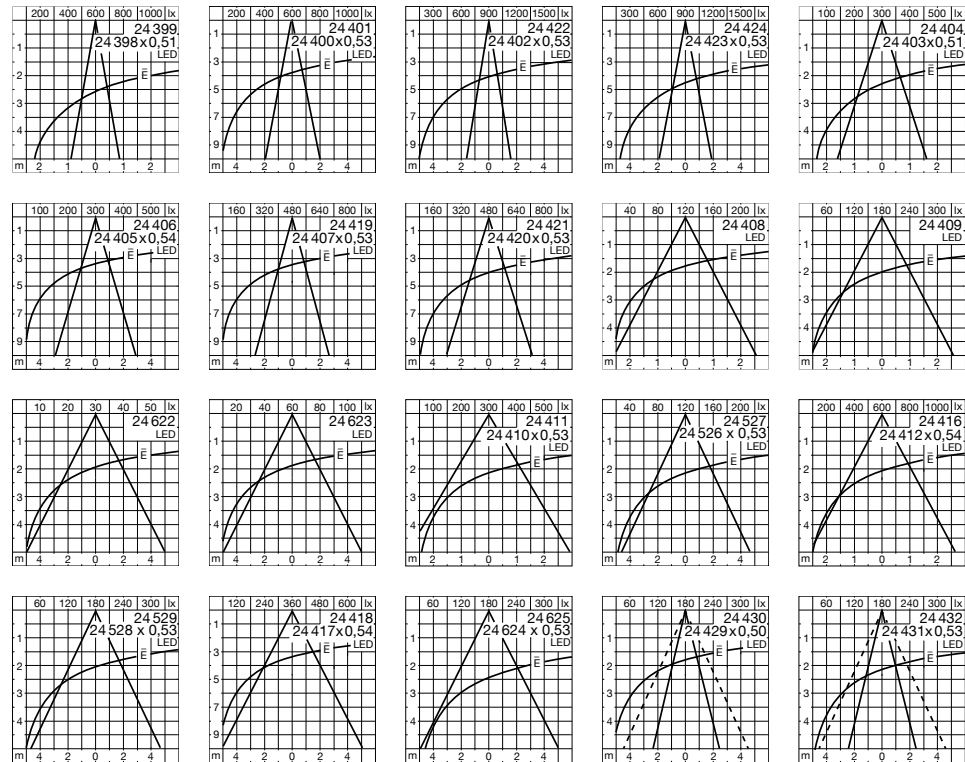
Accessories

Installation housing	Installation frame
13 579	13 516
13 580	13 517
13 581	13 518

Accessories

Installation housing	Installation frame
13 579	13 516
13 580	13 517
13 581	13 518





Ceiling luminaires · Compact downlights

Compact downlight ceiling luminaires with BEGA Hybrid Optics®. This combination of lens and reflector takes advantage of both the lens and reflector technology. This results in highly efficient, low-loss optical systems with optimum glare suppression and very compact dimensions. We use durable and almost age-resistant materials such as glass, aluminium and silicone.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

These luminaires are available with different LED outputs, half beam angles and dimensions.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	440 to 4635 lm
Connected wattage	5.0 to 39.0 W
Size	Ø 100 · 130 · 150 · 190 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Optical silicone lens	
Luminaires with symmetrical or flat beam light distribution and DALI power supply unit:	
BEGA Hybrid Optics®	
Reflector surface made of pure aluminium	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
□ White – article number + W	
20-year availability guarantee for LED modules	
Light distribution	



Symmetrical light distribution							
Narrow beam	LED	PSU	β	A	B	AC/DC	
24 398	5.0 W	480 lm	on/off	17°	100	110	✓
24 399	9.2 W	915 lm	on/off	17°	100	110	✓
24 400	9.5 W	1175 lm	DALI	20°	130	135	✓
24 401	19.3 W	2205 lm	DALI	20°	130	135	✓
24 402	13.2 W	1555 lm	DALI	14°	150	150	✓
24 422	27.0 W	2860 lm	DALI	14°	150	150	✓
24 423	18.8 W	2485 lm	DALI	18°	190	190	✓
24 424	39.0 W	4635 lm	DALI	18°	190	190	✓
Wide beam							
24 403	5.0 W	480 lm	on/off	31°	100	110	✓
24 404	9.2 W	915 lm	on/off	31°	100	110	✓
24 405	9.5 W	1190 lm	DALI	39°	130	135	✓
24 406	19.3 W	2220 lm	DALI	39°	130	135	✓
24 407	13.2 W	1550 lm	DALI	32°	150	150	✓
24 419	27.0 W	2825 lm	DALI	32°	150	150	✓
24 420	18.8 W	2450 lm	DALI	34°	190	190	✓
24 421	39.0 W	4580 lm	DALI	34°	190	190	✓
Very wide beam							
24 408	5.0 W	470 lm	on/off	54°	100	110	✓
24 409	9.2 W	900 lm	on/off	54°	100	110	✓
24 622	5.0 W	440 lm	on/off	90°	100	110	✓
24 623	9.2 W	820 lm	on/off	90°	100	110	✓
24 410	9.5 W	1190 lm	DALI	72°	130	135	✓
24 411	19.3 W	2230 lm	DALI	72°	130	135	✓
24 526	9.5 W	965 lm	DALI	90°	130	135	✓
24 527	19.3 W	1835 lm	DALI	90°	130	135	✓
24 412	13.2 W	1555 lm	DALI	62°	150	150	✓
24 416	27.0 W	2835 lm	DALI	62°	150	150	✓
24 528	13.2 W	1395 lm	DALI	90°	150	110	✓
24 529	27.0 W	2620 lm	DALI	90°	150	110	✓
24 417	18.8 W	2420 lm	DALI	59°	190	190	✓
24 418	39.0 W	4520 lm	DALI	59°	190	190	✓
24 624	18.8 W	2150 lm	DALI	90°	190	110	✓
24 625	39.0 W	4050 lm	DALI	90°	190	110	✓

β = Half beam angle

Asymmetrical light distribution · Wall washer							
LED	PSU	β	A	B	AC/DC		
24 425	9.2 W	715 lm	on/off	51/59°	100	110	✓
24 426	13.2 W	1315 lm	DALI	63/64°	130	135	✓
24 427	19.3 W	1930 lm	DALI	70/67°	150	150	✓
24 428	27.5 W	3030 lm	DALI	67/65°	190	190	✓

Flat beam light distribution							
LED	PSU	β	A	B	AC/DC		
24 429	9.5 W	1105 lm	DALI	100/57°	130	135	✓
24 430	19.3 W	2070 lm	DALI	100/57°	130	135	✓
24 431	13.2 W	1330 lm	DALI	105/58°	150	150	✓
24 432	27.0 W	2410 lm	DALI	105/58°	150	150	✓





Ceiling luminaires · Compact downlights
With additional vertical light component

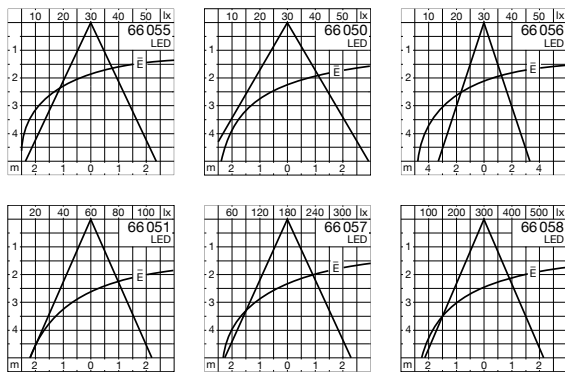
The partially frosted crystal glass defines the look of these compact and efficient ceiling luminaires and supplements the downward-directed light with an additional vertical light component. It also directs part of the light laterally onto the ceiling surface, providing horizontal illuminance and very pleasant visual comfort.

A high protection class and exceptional workmanship make these luminaires reliable lighting tools for use in many different architectural areas. They are lighting tools that can be relied upon for many years – both indoors and out.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	300 to 3275 lm
Connected wattage	4.1 to 39.3 W
Size	Ø 95 · 125 · 150 · 190 · 220 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Crystal glass, partially frosted	
Reflector made of pure anodised aluminium	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Very wide beam light distribution	
With additional vertical light component	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
□ White – article number + W	
20-year availability guarantee for LED modules	



Compact downlights

	LED	PSU	β	A	B	AC/DC
66 055	4.1 W 300 lm	on/off	70°	95	95	✓
66 050	5.4 W 495 lm	without*	68°	95	95	—
66 056	5.9 W 575 lm	on/off	62°	125	115	✓
66 051	11.7 W 800 lm	DALI	57°	150	135	✓
66 057	18.0 W 1925 lm	DALI	53°	190	160	✓
66 058	39.3 W 3275 lm	DALI	46°	220	175	✓

* Safety class III · Suitable 24V DC power supply units can be found on Page 566.

β = Half beam angle





Ceiling luminaires · Compact downlights

A series of highly efficient ceiling luminaire downlights with various housing sizes, light distributions and light outputs that set new standards in terms of economy and compactness.

These luminaires are available with different light distributions for various lighting applications.

Our patented (European patent EP 30 98 504) reflectors enable perfect light deflection through intensive concentration of the light with maximum visual comfort. Additional information on BEGA Vortex Optics® can be found on Page 14.

A high protection class and exceptional workmanship make them durable and reliable lighting tools for both indoor and outdoor use.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 335 to 6910 lm

Connected wattage 4.1 to 70.0 W

Size 95 · 130 · 170 · 250 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

BEGA Vortex Optics®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

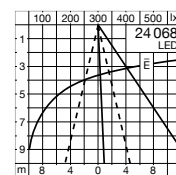
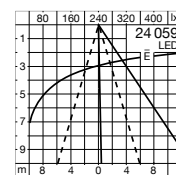
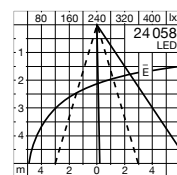
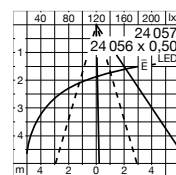
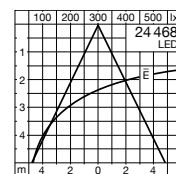
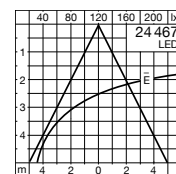
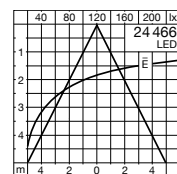
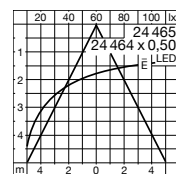
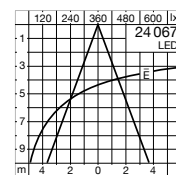
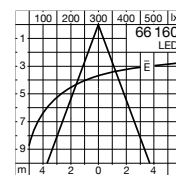
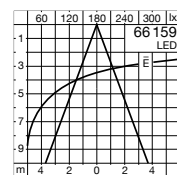
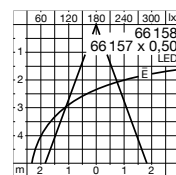
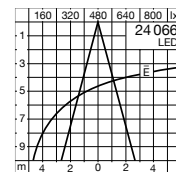
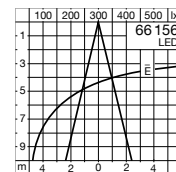
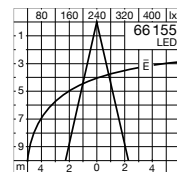
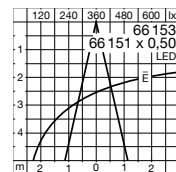
Luminaire colour · BEGA Unidure®

Graphite – article number

White – article number + **W**

20-year availability guarantee for LED modules

Light distribution

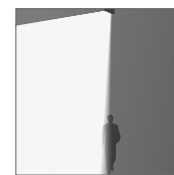
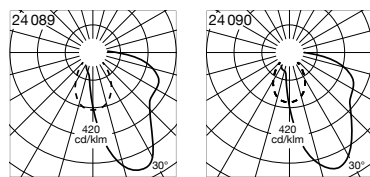




Symmetrical light distribution							
Narrow beam	LED	PSU	β	A	B	AC/DC	
66 151	4.1 W	350 lm	on/off	24°	95 × 95	90	✓
66 153	9.6 W	635 lm	on/off	25°	95 × 95	90	✓
66 155	20.2 W	1370 lm	DALI	25°	130 × 130	100	✓
66 156	37.7 W	2615 lm	DALI	27°	170 × 170	100	✓
24 066	70.0 W	4825 lm	DALI	18°	250 × 250	110	✓
Wide beam							
66 157	4.1 W	425 lm	on/off	40°	95 × 95	90	✓
66 158	9.6 W	820 lm	on/off	38°	95 × 95	90	✓
66 159	20.2 W	1665 lm	DALI	38°	130 × 130	100	✓
66 160	37.7 W	3415 lm	DALI	41°	170 × 170	100	✓
24 067	70.0 W	6910 lm	DALI	41°	250 × 250	110	✓
Very wide beam							
24 464	4.1 W	405 lm	on/off	90°	95 × 95	90	✓
24 465	9.6 W	845 lm	on/off	90°	95 × 95	90	✓
24 466	20.2 W	1755 lm	DALI	90°	130 × 130	100	✓
24 467	37.7 W	3625 lm	DALI	90°	170 × 170	100	✓
24 468	70.0 W	6575 lm	DALI	90°	250 × 250	110	✓

β = Half beam angle

Asymmetrical wide beam light distribution							
	LED	PSU	β	A	B	AC/DC	
24 056	4.1 W	335 lm	on/off	50/52°	95 × 95	90	✓
24 057	9.6 W	585 lm	on/off	50/52°	95 × 95	90	✓
24 058	20.2 W	1490 lm	DALI	50/52°	130 × 130	100	✓
24 059	37.7 W	2495 lm	DALI	46/52°	170 × 170	100	✓
24 068	70.0 W	6825 lm	DALI	46/52°	250 × 250	110	✓



Ceiling luminaires · Compact downlights
Wall washers

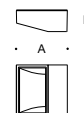
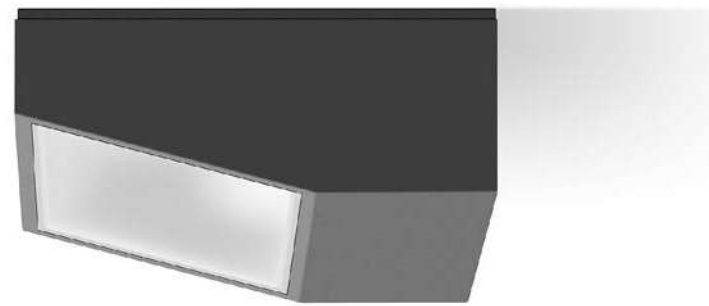
Highly compact and efficient ceiling luminaire downlights with asymmetrical very wide beam light distribution. Surface-mounted ceiling luminaires for the uniform illumination of walls. Luminaires with high light outputs that can be used to achieve impressive lighting effects.

A high protection class and exceptional workmanship make these luminaires durable and reliable lighting tools for both indoor and outdoor use.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

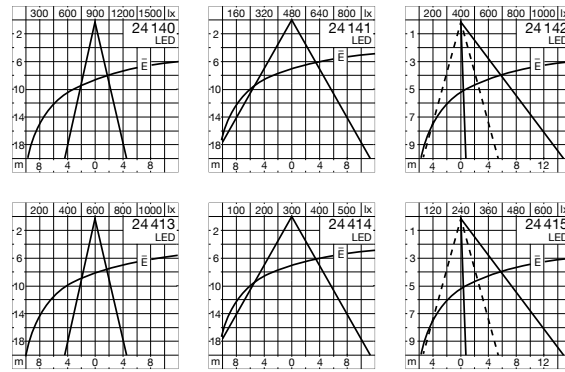
Luminaire data

Luminaire luminous flux	2840 · 5380 lm
Connected wattage	22.1 · 40.0 W
Size	□ 170 · 245 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units.	
BEGA Thermal Management®	
Asymmetrical light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
□ White – article number + W	
20-year availability guarantee for LED modules	



Compact downlights · Wall washers

	LED	PSU		A	B	AC/DC
24 089	22.1 W	2840 lm	DALI	170 × 170	75	✓
24 090	40.0 W	5380 lm	DALI	245 × 245	105	✓



Hall downlights · High Bay

Hall downlights are luminaires for large, high-ceilinged rooms such as departure halls, factories, sports halls and auditoriums. BEGA hall downlights not only impress with their high light output and compact dimensions, but also their high overall quality. The optical system of these luminaires sets new standards in terms of glare suppression and ensures maximum visual comfort.

For light control and efficiency optimisation we use durable and almost age-resistant materials such as glass, aluminium, and silicone.

Our highly efficient reflectors are available with three different forms of light distribution for your planning work.

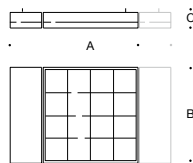
BEGA High Bay luminaires can either be mounted directly under ceilings and cantilever plates with a mounting frame or suspended from high ceilings with the steel wire set. The mounting frame and steel wire set are BEGA accessories and must be ordered separately. The luminaires are also equipped with suspension devices so that they may be suspended by means of on-site fixings.



Technical data on the corresponding BEGA mounting frames and the BEGA steel wire set can be found in the data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	15 495 to 35 775 lm
Connected wattage	170.0 · 298.0 W
Length	590 · 745 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
DALI-controllable power supply units.	
24 140 · 24 141 · 24 142	
Output adjustable in four steps	
100 % · 70 % · 50 % · 30 %	
Ambient temperatures · max. $t_a = 40/50^\circ\text{C}$	
BEGA Thermal Management®	
Ballproof	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	
Light distribution	



 Symmetrical light distribution								Mounting frame	Steel wire set	
Narrow beam	LED		max. t _a	PSU	A	B	C	AC/DC		
24 413	170.0 W	21 640 lm	50 °C	DALI	590	440	105	✓	13 575	13 582
24 140	298.0 W	35 775 lm	40 °C	DALI	745	440	105	✓	13 576	13 582
Wide beam										
24 414	170.0 W	20 660 lm	50 °C	DALI	590	440	105	✓	13 575	13 582
24 141	298.0 W	33 185 lm	40 °C	DALI	745	440	105	✓	13 576	13 582
 Asymmetrical wide beam light distribution								Mounting frame	Steel wire set	
	LED		max. t _a	PSU	A	B	C	AC/DC		
24 415	170.0 W	15 495 lm	50 °C	DALI	590	440	105	✓	13 575	13 582
24 142	298.0 W	27 705 lm	40 °C	DALI	745	440	105	✓	13 576	13 582

max. t_a = maximum ambient temperature



Linear ceiling luminaires · Downlights

A series of highly efficient linear downlights with various housing lengths, light distributions and light outputs that set new standards in terms of economy and compactness.

Efficient luminaires that impress with their compact dimensions and overall quality of the components.

Perfect light deflection is made possible by BEGA Vortex Optics® – (European patent EP 3098504) twisted reflectors, which ensure intensive light concentration and optimum light distribution without artefacts. BEGA Vortex Optics® also delivers excellent glare limitation and maximum visual comfort.



BEGA Vortex Optics®

Additional information on BEGA Vortex Optics® can be found on Page 14.

These luminaires are available with different light distributions for various lighting applications.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1580 to 6955 lm

Connected wattage 18.3 to 54.4 W

Length 520 · 1015 · 1505 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel
Safety glass

Reflector surface made of pure aluminium

DALI-controllable power supply units.

BEGA Thermal Management®

BEGA Vortex Optics®

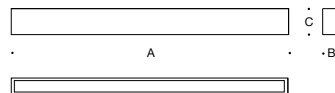
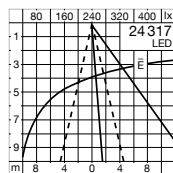
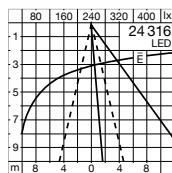
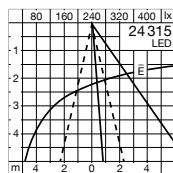
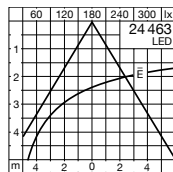
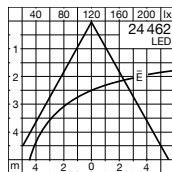
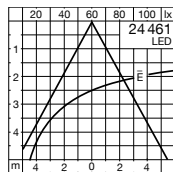
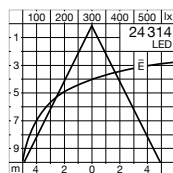
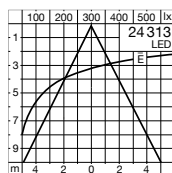
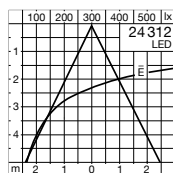
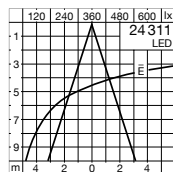
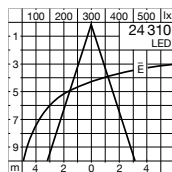
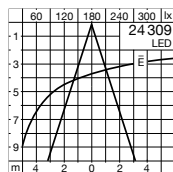
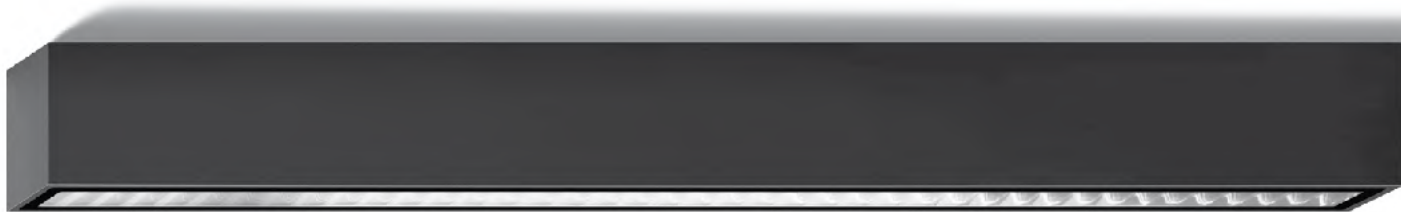
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Light distribution





Symmetrical narrow beam light distribution

	LED	PSU	β	A	B	C	AC/DC
24309	18.3 W	1580 lm	DALI	34°	520	60	105 ✓
24310	35.6 W	3255 lm	DALI	34°	1015	60	105 ✓
24311	54.4 W	4790 lm	DALI	34°	1505	60	105 ✓



Symmetrical wide beam light distribution

	LED	PSU	β	A	B	C	AC/DC
24312	18.3 W	2190 lm	DALI	55°	520	60	105 ✓
24313	35.6 W	4380 lm	DALI	55°	1015	60	105 ✓
24314	54.4 W	6955 lm	DALI	55°	1505	60	105 ✓



Symmetrical very wide beam light distribution

	LED	PSU	β	A	B	C	AC/DC
24461	18.3 W	1955 lm	DALI	95°	520	60	105 ✓
24462	35.6 W	3840 lm	DALI	95°	1015	60	105 ✓
24463	54.4 W	6240 lm	DALI	95°	1505	60	105 ✓



Asymmetrical light distribution

	LED	PSU	β	A	B	C	AC/DC
24315	18.3 W	1980 lm	DALI	42/50°	520	60	105 ✓
24316	35.6 W	4025 lm	DALI	42/50°	1015	60	105 ✓
24317	54.4 W	6210 lm	DALI	42/50°	1505	60	105 ✓

β = Half beam angle



Pendant luminaires

Shielded light, symmetrical wide beam light distribution

Pendant luminaires in two versions. An integral reflector unit directs the light downwards in a rotationally symmetrical wide beam. The luminaires with their clear synthetic cylinder create a vertical light fraction in addition to the horizontal illuminance. Parts of the building in the immediate vicinity of the luminaires are thus illuminated and persons easily identified – luminaires for good visual comfort in arcades, galleries and passageways. Pendant luminaires for catenary systems with the same design features can be found on Page 512.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	4295 · 4725 lm
Connected wattage	39.0 W
Size	Ø 190 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

24 507 safety glass

24 508 clear synthetic cylinder

Reflector made of pure anodised aluminium

Cable pendant and mounting box

BEGA Ultimate Driver® · DALI-controllable

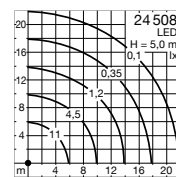
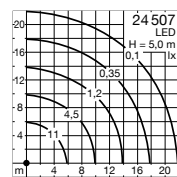
BEGA Thermal Management®

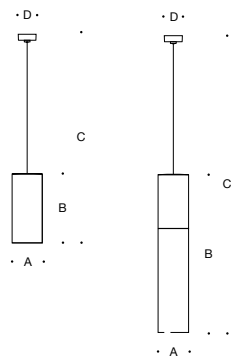
Shielded light, symmetrical wide beam light distribution

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite

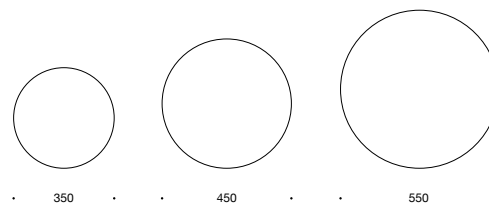
20-year availability guarantee for LED modules





Pendant luminaire								
	LED	PSU	A	B	C	D	AC/DC	
24 507	39.0 W	4295 lm	DALI	190	440	2630	110	✓

Pendant luminaire with clear synthetic cylinder								
	LED	PSU	A	B	C	D	AC/DC	
24 508	39.0 W	4725 lm	DALI	190	985	3180	110	✓



The sphere · Pendant luminaires
Unshielded light

The sphere is the classic unshielded pendant luminaire. These timeless luminaires have lost none of their topicality. They have been integral components of our indoor and outdoor luminaire ranges for decades.

They create unshielded light with a high degree of uniformity and ensure good visual comfort in arcades, galleries and passageways.

We supply the luminaires with built-in LED modules or as an E 27 screw base version with corresponding LED lamp.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1160 to 8105 lm
Connected wattage	12.0 to 50.2 W
Size	Ø 350 · 450 · 550 mm
Protection class	IP 64
Cast aluminium, aluminium and stainless steel	
Synthetic material, white	
Mounting box, white	
Black cable pendant	
Luminaires with LED module: DALI-controllable power supply units. BEGA Thermal Management®	
Colour temperature for LED modules 3000 K – article number + K3 4000 K – article number + K4	
LED lamps · Colour temperature 3000 K Included in the delivery	
Luminaire colour · BEGA Unidure® <input type="checkbox"/> White	
20-year availability guarantee for LED modules	

Fig. left: Custom-made pendant luminaires with white cable pendant and no mounting box.



Pendant luminaires

	LED	PSU	A	B	D	AC/DC
24 129	17.6 W	2545 lm	DALI	350 2000	115	✓
24 130	38.1 W	5795 lm	DALI	450 3000	115	✓
24 131	50.2 W	8105 lm	DALI	550 4000	115	✓
	LED lamp included	Base				
66 105	1 x 12.0 W	1160 lm	E 27	350 2000	115	—

Technical data for BEGA LED lamps can be found on Page 564.



Large-area luminaires for ceilings and walls

BEGA large-area luminaires are luminaires for uniform light over extremely large areas. With large diameters and impressive light output, these luminaires open up new and creative design options for many architectural areas.

Either as a single luminaire or as an arrangement of different luminaire sizes, they unleash their impressive light effect. The luminaires are illuminating design elements that, in addition to their lighting function, give character to walls or rooms.

All luminaires are DALI-controllable so that the light can be perfectly adapted to the respective lighting situation.

The long service life and cost-effectiveness of our LED modules and all technical components further reduce maintenance and operating costs.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 5850 to 26 220 lm

Connected wattage 55.0 bis 216.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cover with light-diffusing structure
24 128 · 33 312 safety glass

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

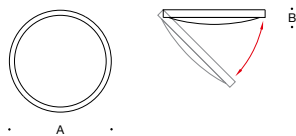
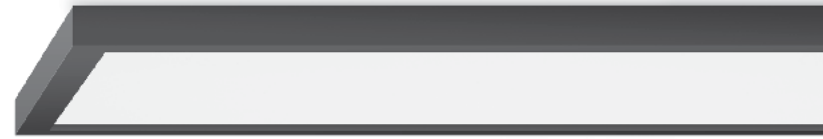
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

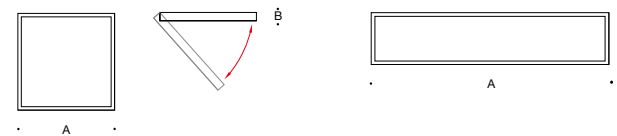
□ White – article number + **W**

20-year availability guarantee for LED modules



Large-area luminaires · **Round**

	LED	PSU	A	B	AC/DC
24 230	55.0 W	6520 lm	DALI	670 125	✓
24 231	125.0 W	16 140 lm	DALI	930 140	✓
24 125	216.0 W	26 220 lm	DALI	1250 145	✓



Large-area luminaires · **Square and rectangular**

	LED	PSU	A	B	AC/DC
24 128	60.0 W	5850 lm	DALI	625×625 55	✓
33 312	116.0 W	7245 lm	DALI	1535×335 55	✓



Large-area luminaires for ceilings and walls

BEGA large-area luminaires are luminaires for uniform light over extremely large areas. With diameters of 1000 and 1300 millimetres and impressive light outputs of more than 17 000 lumens, these luminaires open up new and creative design options for many architectural areas.

Either as a single luminaire or as an arrangement of different luminaire sizes, they unleash their impressive light effect. The luminaires are illuminating design elements that, in addition to their lighting function, give character to walls or rooms.

The light-diffusing texture of the large design-forming synthetic cover distributes the light extremely evenly throughout the room – uniformly illuminating the luminaire surface at the same time. All luminaires are

DALI-controllable so that the light can be perfectly adapted to the respective lighting situation.

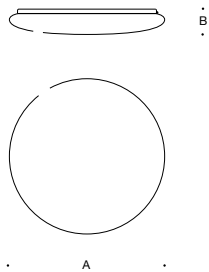
The long service life and cost-effectiveness of our LED modules and all technical components further reduce maintenance and operating costs.

You will find identical luminaires for indoor use – including a “Tunable White” version – in the BEGA indoor luminaire range.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

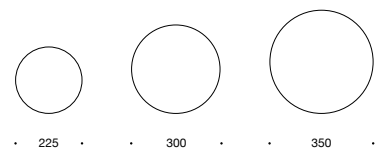
Luminaire data

Luminaire luminous flux	12 365 · 17 295 lm
Connected wattage	101.0 · 134.0 W
Size	Ø 1000 · 1300 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cover with light-diffusing structure	
DALI-controllable power supply units.	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
<input type="checkbox"/> White	
20-year availability guarantee for LED modules	



Large-area luminaires

	LED	PSU	A	B	AC/DC
24 730	101.0 W	12 365 lm	DALI	1000 165	✓
24 731	134.0 W	17 295 lm	DALI	1300 170	✓





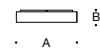
Ceiling and wall luminaires

A new luminaire series with excellent efficiency values. Luminaires with compact dimensions and an impressively high luminous efficiency relative to the connected wattage. Combined with a reflector unit, our newly developed composite lens system delivers maximum transmission values while providing optimum visual comfort. This new generation of ceiling and wall luminaires boasts the ability to be installed quickly and easily, as well as a captivatingly precise overall impression.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2300 to 4400 lm
Connected wattage	22.0 bis 42.0 W
Size	Ø 225 · 300 · 350 mm
Protection class	IP 65
Material	Cast aluminium, aluminium and stainless steel
Reflector	made of pure anodised aluminium
Safety	safety glass
Control	DALI-controllable power supply units.
Feature	BEGA Thermal Management®
LED colour temperature	3000 K – article number + K3 4000 K – article number + K4
Luminaire colour · BEGA Unidure®	■ Graphite – article number □ White – article number + W
Warranty	20-year availability guarantee for LED modules



Ceiling and wall luminaires						
	LED		PSU	A	B	AC/DC
24 647	22.0 W	2300 lm	DALI	225	80	✓
24 648	31.0 W	3200 lm	DALI	300	80	✓
24 649	42.0 W	4400 lm	DALI	350	85	✓



Ceiling and wall luminaires

Luminaires with hand-blown three-ply opal glass in four sizes, suitable for installation on both ceilings and walls.

The opal glass directs part of the light onto the installation surface, thus providing an additional reflected light component and pleasant visual comfort. Individually or in groups, these luminaires are great design elements for a wide range of lighting applications in rooms, corridors, hallways and stairwells – both indoors and out.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	600 to 3450 lm
Connected wattage	14.0 to 48.0 W
Size	Ø 265 · 305 · 370 · 470 mm
Protection class	IP 64

Aluminium and stainless steel
Satin matt opal glass

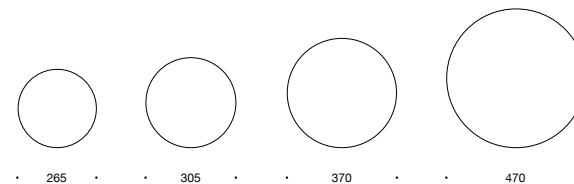
Luminaires with LED module:
DALI-controllable power supply units.
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**
4000 K – article number + **K4**

LED lamps · Colour temperature 3000 K
included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for
LED modules

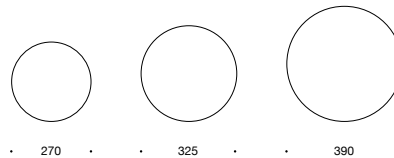




Ceiling and wall luminaires

	LED		PSU	A	B	AC/DC
33 636	16.0 W	1225 lm	DALI	265	80	✓
33 638	22.5 W	1860 lm	DALI	305	90	✓
33 639	25.0 W	2200 lm	DALI	370	90	✓
33 640	48.0 W	3450 lm	DALI	470	100	✓
	LED lamps included		Base			
33 632	2 × 7.0 W	600 lm	E 27	305	90	—
33 634	3 × 7.0 W	940 lm	E 27	370	90	—

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide.

These luminaires are characterised by the contrasting effect between the shield, the opal glass and the installation surface. Some of the light is emitted behind the shield and also illuminates the mounting surface. Depending on the colour of the installation surface, this creates an impressive light effect.

We are constantly developing these luminaires, and while the design has remained almost unchanged, the hand-blown opal glass now shines with efficient BEGA LED technology.

A high IP 65 protection class expands the range of applications for many architectural areas.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1005 to 2925 lm

Connected wattage 9.2 to 31.3 W

Size Ø 270 · 325 · 390 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Satin matt opal glass

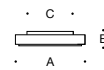
on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules



Ceiling and wall luminaires

	LED	PSU	A	B	C	AC/DC	
24 042	9.2 W	1005 lm	on/off	270	70	205	✓
24 043	16.7 W	1610 lm	DALI	325	90	250	✓
24 044	31.3 W	2925 lm	DALI	390	100	300	✓



Ceiling and wall luminaires

A series of compact, powerful and efficient luminaires suitable for use as both wall and ceiling luminaires.

The luminaire glass directs part of the light onto the installation surface, thus providing an additional reflected light component and pleasant visual comfort.

Two types of glass are available for each of the different luminaire diameters.

The three-ply opal glass and the thick-walled crystal glass with its impressive ice edges are hand-blown masterpieces. But only our reliable and cost-effective LED technology makes luminaires with this shallow projection possible.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1210 to 2105 lm

Connected wattage 16.0 · 22.5 W

Size Ø 265 · 305 mm

Protection class IP 64

Aluminium and stainless steel

Opal glass or crystal glass, inside white

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



Opal glass

	LED	PSU	A	B	AC/DC
33 680	16.0 W 1210 lm	DALI	265	65	✓
33 681	22.5 W 2090 lm	DALI	305	65	✓



Crystal glass, inside white

	LED	PSU	A	B	AC/DC
33 682	16.0 W 1380 lm	DALI	265	65	✓
33 683	22.5 W 2105 lm	DALI	305	65	✓



Ceiling and wall luminaires

Luminaires for unshielded light in the room and on the mounting surface.

Compact luminaires in different sizes for a wide range of lighting applications – both indoors and out. They can be used both as ceiling or wall luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1060 to 3365 lm

Connected wattage 9.2 to 31.3 W

Size Ø 300 · 350 · 435 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Opal glass

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

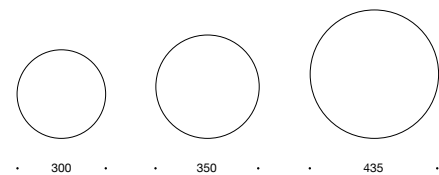
3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

□ White

20-year availability guarantee for LED modules

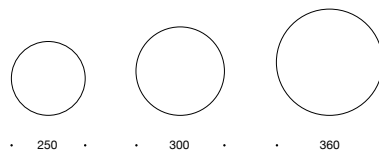




Ceiling and wall luminaires

	LED		PSU	A	B	AC/DC
24 039	9.2 W	1060 lm	on/off	300	95	✓
24 040	16.7 W	1770 lm	DALI	350	105	✓
24 041	31.3 W	3365 lm	DALI	435	120	✓





Ceiling and wall luminaires

For decades, BEGA luminaires from this series have been shining examples of lighting details on numerous buildings around the world. We are constantly developing these luminaires, and while the design has remained almost unchanged, the hand-blown opal glass now shines with efficient BEGA LED technology. A high IP 65 protection class expands the range of applications for many areas of architecture – both indoors and out. Luminaires for unshielded light in the room and on the mounting surface. Compact luminaires in different sizes for a variety of lighting applications – for use as ceiling or wall luminaires.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	460 to 2965 lm
Connected wattage	7.0 to 31.3 W
Size	Ø 250 · 300 · 360 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Opal glass

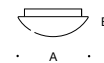
Luminaires with LED module:
on/off or DALI-controllable power supply units
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**
4000 K – article number + **K4**

LED lamps · Colour temperature 3000 K
included in the delivery

Luminaire colour · BEGA Unidure®
 White

20-year availability guarantee for
LED modules



Ceiling and wall luminaires

	LED		PSU	A	B	AC/DC
24 028	9.2 W	1040 lm	on/off	250	100	✓
24 029	16.7 W	1590 lm	DALI	300	120	✓
24 030	31.3 W	2965 lm	DALI	360	130	✓
	LED lamp included		Base			
24 196	1 × 7.0 W	460 lm	E 27	250	100	—

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires
Light Brick – Lichtbaustein®

Light Brick – Lichtbaustein® – a BEGA trademark for 60 years. Hand-blown three-ply opal glass and luminaire housing made of die-cast aluminium. Distinctive and recognised design. Luminaires whose trademark has become the generic term, not only for BEGA luminaires but for all luminaires of this type.

Illuminating classics for great lighting and surface design.

Luminaires for installation on ceilings or walls – indoors and outdoors. A variety of luminaire lengths and light outputs enables solutions for many different lighting applications.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	450 to 1520 lm
Connected wattage	7.0 to 21.0 W
Length	200 · 300 · 400 · 450 · 500 mm
Protection class	IP 44

Die-cast aluminium and stainless steel
Satin matt opal glass

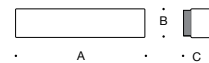
LED lamps · Colour temperature 3000K
included in the delivery

Luminaire colour · BEGA Unidure®

■ Graphite



Light Brick – Lichtbaustein®						
	LED lamps included	Base	A	B	C	
33 185	1 × 7.0 W	450 lm	E 27	200	100	100
33 186	2 × 7.0 W	900 lm	E 27	300	100	100
33 187	2 × 7.0 W	900 lm	E 27	400	100	100
33 188	2 × 7.0 W	960 lm	E 27	500	100	100



Light Brick – Lichtbaustein®						
	LED lamps included	Base	A	B	C	
33 766	2 × 7.0 W	960 lm	E 27	300	100	100
33 866	3 × 7.0 W	1520 lm	E 27	450	100	100

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires
Light Brick – Lichtbaustein® · **Rectangle**

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years. Hand-blown three-ply opal glass and luminaire housing made of cast aluminium. Distinctive and recognised design. Luminaires whose trademark has become the generic term, not only for BEGA luminaires but for all luminaires of this type. Illuminating classics for great lighting and surface design. We are constantly developing these luminaires, yet their design has remained almost unchanged. Luminaires for installation on ceilings or walls both indoors and out. A variety of luminaire sizes and light outputs enables solutions for many different lighting applications.

Corner luminaires are intended for installation on the corner of a house. In this way, two sides of a building can be illuminated with just one luminaire.

Luminaires with E14 base or an E 27 screw base are supplied complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

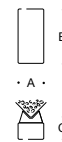
Luminaire data

Luminaire luminous flux	280 to 1710 lm
Connected wattage	4.0 to 24.0 W
Size	80 · 100 · 125 · 140 · 210 mm
Protection class I	P 44
Cast aluminium, aluminium and stainless steel	
Satin matt opal glass	
Luminaires with LED module: BEGA AC module · Technical data Page 11 BEGA Thermal Management®	
Colour temperature for LED modules 3000K – article number + K3	
LED lamps · Colour temperature 3000K included in the delivery	
Luminaire colour · BEGA Unidure®	■ Graphite



Light Brick – Lichtbaustein® · Rectangle

	LED		PSU	A	B	C
24 602	1 × 4.0 W	590 lm	AC module	100	210	90
24 603	1 × 7.0 W	900 lm	AC module	125	250	100
24 604	1 × 8.0 W	1230 lm	AC module	140	300	110
	LED lamps included		Base	A	B	C
33 563	1 × 4.0 W	280 lm	E 14	80	190	90
33 668	1 × 7.0 W	480 lm	E 27	100	210	90
44 661	1 × 8.0 W	700 lm	E 27	125	250	100
33 266	2 × 7.0 W	1145 lm	E 27	140	300	110
33 363	2 × 12.0 W	1710 lm	E 27	210	370	110



Light Brick – Lichtbaustein® · Rectangle · Corner luminaires

	LED lamps included		Base	A	B	C
66 860	1 × 7.0 W	540 lm	E 27	100	200	120
66 960	1 × 12.0 W	850 lm	E 27	125	250	130
66 965	2 × 7.0 W	1030 lm	E 27	140	300	140

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires
Light Brick – Lichtbaustein® · **Circle**

Light Brick – Lichtbaustein® – a BEGA trademark for 60 years. Hand-blown three-ply opal glass and luminaire housing made of cast aluminium.

Distinctive and recognised design. Luminaires whose trademark has become a generic term for luminaires of this type. Illuminating classics for effective lighting and surface design.

We are constantly developing these luminaires, and while the design has remained almost unchanged, the hand-blown opal glass now shines with efficient BEGA LED technology.

A high IP 65 protection class expands the range of applications for many architectural areas – both indoors and out. Luminaires you can build with: individually, in rows or in groups.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

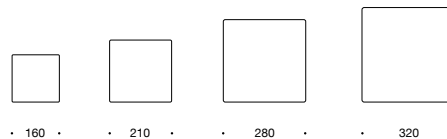
Luminaire luminous flux	985 to 31 75 lm
Connected wattage	9.2 to 31.3 W
Size	Ø 250 · 300 · 360 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Satin matt opal glass	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	3000 K – article number + K3 4000 K – article number + K4
Luminaire colour · BEGA Unidure®	■ Graphite
20-year availability guarantee for LED modules	



Light Brick – Lichtbaustein® - Circle

	LED		PSU	A	B	AC/DC
24 025	9.2 W	985 lm	on/off	250	70	✓
24 026	16.7 W	1795 lm	DALI	300	90	✓
24 027	31.3 W	3175 lm	DALI	360	100	✓





Ceiling and wall luminaires
Light Brick – Lichtbaustein® · **Square**

Light Brick – Lichtbaustein® – a BEGA trademark for 60 years.

Hand-blown three-ply opal glass and luminaire housing made of cast aluminium. Distinctive and recognised design. Luminaires whose trademark has become a generic term for luminaires of this type. Illuminating classics for great lighting and surface design.

We are constantly developing these luminaires, yet their design has remained almost unchanged.

Luminaires for installation on ceilings or walls – indoors and outdoors. A variety of sizes and light outputs enables solutions for many different lighting applications.

Luminaires you can build with: individually, in rows or in groups.

Luminaires with G9 base or an E 27 screw base are supplied complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 240 to 2365 lm

Connected wattage 4.0 to 32.0 W

Size □ 160 · 210 · 280 · 320 mm

Protection class IP 44

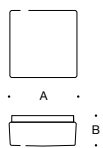
Cast aluminium and stainless steel
Satin matt opal glass

Luminaires with LED module:
BEGA AC module · Technical data Page 11
BEGA Thermal Management®

Colour temperature for LED modules
3000K – article number + **K3**

LED lamps · Colour temperature 3000K
included in the delivery

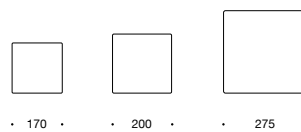
Luminaire colour · BEGA Unidure®
■ Graphite



Light Brick – Lichtbaustein® · Square					
	LED		PSU	A	B
38 300	12.0 W	890 lm	AC module	210 × 210	120
38 301	24.0 W	1685 lm	AC module	280 × 280	130
38 302	32.0 W	2365 lm	AC module	320 × 320	130
	LED lamps included		Base		
24 655	1 × 4.0 W	240 lm	G9	160 × 160	90
66 658	1 × 8.0 W	720 lm	E 27	210 × 210	120
66 758	2 × 7.0 W	1070 lm	E 27	280 × 280	130



Technical data for BEGA LED lamps can be found on Page 564.



• 170 • • 200 • • 275 •

Ceiling and wall luminaires Light Brick – Lichtbaustein® · Square

Light Brick – Lichtbaustein® – a BEGA trademark for 60 years. The luminaires in this series maintain their timeless design. Luminaires for installation on ceilings or walls – indoors and outdoors. A variety of sizes and light outputs enables solutions for many different lighting applications. Luminaires you can build with: individually, in rows or in groups.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 335 to 700 lm

Connected wattage 3.9 to 14.0 W

Size □ 170 · 200 · 275 mm

Protection class IP 44

Cast aluminium and stainless steel
Satin matt opal glass

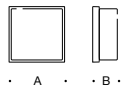
Luminaires with LED module:
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**
4000 K – article number + **K4**

LED lamps · Colour temperature 3000 K
included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for
LED modules



Light Brick – Lichtbaustein® - **Square**

	LED	PSU	A	B
33 032	3.9 W	335 lm	on/off	170×170 70
33 036	4.9 W	510 lm	on/off	200×200 90
	LED lamps included	Base		
33 034	1×7.0 W	380 lm	E 27	200×200 90
33 035	2×7.0 W	700 lm	E 27	275×275 100

Technical data for BEGA LED lamps can be found on Page 564.





Ceiling and wall luminaires
Light Brick – Lichtbaustein®

For more than 60 years, luminaires with the BEGA Lichtbaustein® trademark have been shining examples of great lighting and surface design.

The design of these luminaires is as diverse as their various applications over the decades – illuminating classics, made of hand-blown three-ply opal glass, and a luminaire housing, made of cast aluminium. Luminaires you can build with: individually, in rows or in groups.

We are constantly developing our Light Brick – Lichtbaustein® series to go above and beyond today's planning requirements.

These luminaires uphold this long-standing tradition. They provide solutions for numerous architectural lighting applications where good lighting is all that's required.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1250 to 4000 lm

Connected wattage 12.2 to 39.5 W

Size □ 210 · 280 · 320 mm

Protection class IP 65

Aluminium, cast aluminium and stainless steel
Opal glass

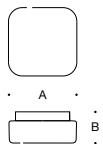
BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

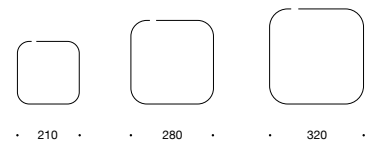
Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules



Light Brick – Lichtbaustein®

	LED		PSU		A	B
24 520	12.2 W	1250 lm	DALI		210×210	100
24 521	21.4 W	2180 lm	DALI		280×280	100
24 522	39.5 W	4000 lm	DALI		320×320	105





Ceiling and wall luminaires · Wall luminaires

Light Brick – Lichtbaustein® – a BEGA trademark for nearly 60 years. Distinctive and recognised design. These are luminaires whose trademark has become a generic term for all luminaires of this type. Illuminating classics for great lighting and surface design. We are constantly developing these luminaires, yet their design has remained almost unchanged.

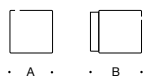
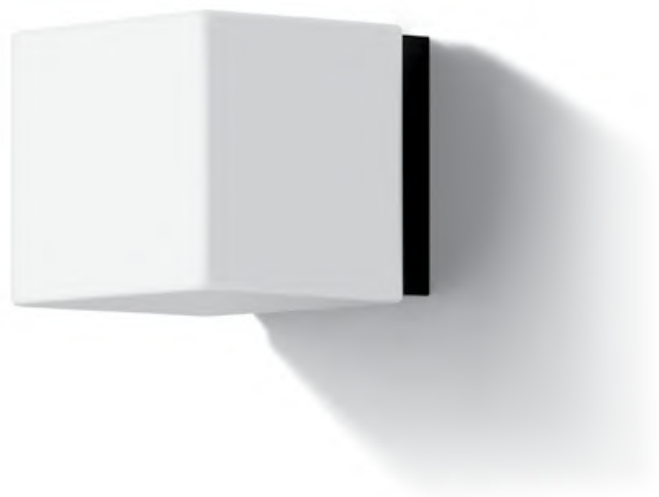
Luminaires for installation on ceilings or walls – indoors and outdoors. A variety of sizes and light outputs enables solutions for many different lighting applications. Luminaires you can build with: individually, in rows or in groups. The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request. This allows house numbers and notices to be read easily, even from great distances – by day and by night.

Luminaires with G9 base or an E 27 screw base are supplied complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

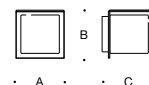
Luminaire luminous flux	300 to 970 lm
Connected wattage	4.0 to 12.0 W
Size	□ 100 · 160 · 200 · 205 · 250 mm
Protection class	IP 44
33 367 · 33 567 · 33 767	
Cast aluminium and stainless steel	
Satin matt opal glass	
44 004 · 44 007	
Shield made of stainless steel	
Cast aluminium	
Opal glass	
LED lamps · Colour temperature 3000K included in the delivery	
33 367 · 33 567 · 33 767	
Luminaire colour · BEGA Unidure®	
■ Graphite	



· A · · B ·

Ceiling and wall luminaires · Light Brick – Lichtbaustein® · **Cube**

	LED lamps included	Base	A	B
24 654	1 × 4.0 W	300 lm	G9	100 × 110 135
33 567	1 × 8.0 W	840 lm	E 27	160 × 160 195
33 767	1 × 12.0 W	970 lm	E 27	205 × 205 245



· A · · B · · C ·

Wall luminaires · **Cube**

	LED lamps included	Base	A	B	C
44 004	1 × 8.0 W	600 lm	E 27	200	200 210
44 007	1 × 12.0 W	840 lm	E 27	250	250 265

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling, wall and pillar luminaires
Unshielded or shielded light

A series of impact-resistant luminaires made of cast aluminium. Luminaires with a large proportion of glass for a high degree of transparency.

The particularly thick crystal glass ensures that these luminaires are sufficiently rugged, while giving them their distinctive character. They can be used as ceiling, wall or pillar luminaires.

A variety of sizes and light outputs, together with the luminaires' high protection class, enables a wide range of applications.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 240 to 550 lm

Connected wattage 4.0 to 7.0 W

Size □ 120 · 160 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

Luminaires with LED module:
 BEGA Ultimate Driver® · on/off
 BEGA Thermal Management®

Colour temperature for LED modules

3000 K – article number + **K3**

4000 K – article number + **K4**

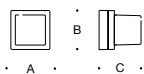
LED lamps · Colour temperature 3000 K
 included in the delivery

Luminaire colour · BEGA Unidure®

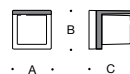
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for
 LED modules



Ceiling, wall and pillar luminaires · Unshielded light							
	LED		PSU	A	B	C	AC/DC
22 432	4.0 W	305 lm	on/off	120	120	135	✓
22 439	4.9 W	500 lm	on/off	160	160	175	✓
	LED lamp included		Base				
22 444	1 × 7.0 W	550 lm	E 27	160	160	175	—



Ceiling, wall and pillar luminaires · Shielded light							
	LED		PSU	A	B	C	AC/DC
33 327	4.0 W	240 lm	on/off	120	120	145	✓
33 328	4.9 W	410 lm	on/off	160	160	180	✓
	LED lamp included		Base				
24 199	1 × 7.0 W	375 lm	E 27	160	160	180	—

Technical data for BEGA LED lamps can be found on Page 564.



Impact-resistant ceiling, wall and pillar luminaires

Luminaires with safety guard for use on walls, pillars, or similar architectural elements. A robust frame, made of cast aluminium, protects the edges and corners of the luminaire glass.

Thick crystal glass with precise light-diffusing structures ensures that these luminaires are sufficiently robust, while also giving them their distinctive character.

They can be used as ceiling, wall and pillar luminaires. A variety of sizes and light outputs, together with the luminaires' high protection class, enables a wide range of applications.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 310 to 385 lm

Connected wattage 4.0 to 7.0 W

Size □ 120 · 160 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

Luminaires with LED module:
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature for LED modules

3000 K – article number + **K3**

4000 K – article number + **K4**

LED lamps · Colour temperature 3000 K
included in the delivery

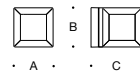
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for
LED modules





Ceiling, wall and pillar luminaires

	LED		PSU	A	B	C	AC/DC
22 423	4.0 W	310 lm	on/off	120	120	160	✓
22 453	4.9 W	385 lm	on/off	160	160	205	✓
	LED lamp included		Base				
22 633	1 × 7.0 W	380 lm	E 27	160	160	205	—

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires

With optional PIR motion and light sensor

A robust surrounding frame made of cast aluminium protects the edges and corners of the glass of these luminaires.

This is crystal glass with generous material thicknesses and precise light-diffusing structures. Different dimensions and light outputs as well as their use as ceiling or wall luminaires facilitate a wide range of lighting applications – both indoors and out. Its range of possible applications is also extended by its high protection class.

Luminaires in this series, with **passive infrared motion and light sensor**, react to thermal radiation in the dark, switching on when people or animals are detected in the vicinity of the luminaire. They are easily and conveniently parametrised via Bluetooth® and the free BEGA Tool app.

In this way, individual light levels can be easily and conveniently defined for specific modes.

We supply the luminaires with built-in LED modules or with an E 27 screw base,

complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



24 397 with passive infrared motion and light sensor

Luminaire data

Luminaire luminous flux 340 to 845 lm

Connected wattage 4.9 to 12.0 W

Size 220 · 275 · 290 · 310 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

Luminaires with LED module:
on/off power supply units
BEGA Thermal Management®

Colour temperature for LED modules

3000 K – article number + **K3**

4000 K – article number + **K4**

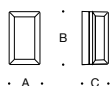
LED lamps · Colour temperature 3000 K
included in the delivery

Luminaire colour · BEGA Unidure®

■ Graphite – article number

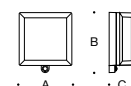
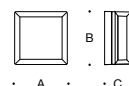
■ Silver – article number + **A**

20-year availability guarantee for
LED modules



Ceiling and wall luminaires

	LED	PSU	A	B	C	AC/DC	
22 750	4.9 W	345 lm	on/off	130	220	110	✓
22 751	7.7 W	550 lm	on/off	170	290	115	✓
24 601	11.4 W	610 lm	on/off	170	290	115	✓
	LED lamp included	Base					
22 733	1 × 7.0 W	350 lm	E 27	130	220	110	—
22 734	1 × 12.0 W	640 lm	E 27	170	290	115	—



24 397

Ceiling and wall luminaires

	LED	PSU	A	B	C	AC/DC	
22 650	4.9 W	340 lm	on/off	220	220	110	✓
22 652	7.7 W	580 lm	on/off	275	275	125	✓
24 600	11.4 W	845 lm	on/off	275	275	125	✓
	LED lamp included	Base					
22 645	1 × 7.0 W	345 lm	E 27	220	220	110	—
22 646	1 × 12.0 W	700 lm	E 27	275	275	125	—

Wall luminaire · With PIR motion and light sensor

	LED	PSU	A	B	C	AC/DC	
24 397	8.0 W	460 lm	on/off*	275	310	125	✓

Technical data for BEGA LED lamps can be found on Page 564.

*Light level adjustable with BEGA Tool app



Ceiling and wall luminaires

Striking luminaires in a square design. A distinctive look with a high protection class and impressive technical features. They can be used as ceiling luminaires or wall luminaires.

When the luminaires are viewed from the front, the screw connections are invisible. They can be opened quickly and easily by means of a mechanical flap system with two screws at the side. Individually or in groups, they are timeless design elements for a wide range of lighting applications – both indoors and out.

Matching luminaires with weatherproof numbers, symbols or lettering can be found on Page 143.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 480 to 1670 lm

Connected wattage 5.5 to 17.0 W

Size □ 210·260·310 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

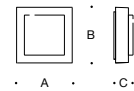
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



Ceiling and wall luminaires

	LED		PSU	A	B	C	AC/DC
33 232	5.5 W	480 lm	DALI	210	210	80	✓
33 233	13.0 W	1010 lm	DALI	260	260	90	✓
33 234	17.0 W	1670 lm	DALI	310	310	95	✓



24 396 with passive infrared motion and light sensor



Ceiling and wall luminaires With optional PIR motion and light sensor

These luminaires are characterised by clear lines and impact-resistant crystal glass. They have a high protection class and shallow projection, and are available in various sizes.

They can be used as ceiling luminaires or wall luminaires.

A variety of sizes and light outputs makes these economical luminaires extremely versatile. The high protection class extends the range of applications even further. Arranged individually or in groups, they are timeless design elements for a wide range of lighting applications – both indoors and out.

Luminaires in this series, with **passive infrared motion and light sensor**, react to thermal radiation in the dark, switching on when people or animals are detected in the vicinity of the luminaire. They are easily and conveniently parametrised via Bluetooth® and the free BEGA Tool app.

In this way, individual light levels can be easily and conveniently defined for specific modes.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 225 to 1110 lm

Connected wattage 4.0 to 18.5 W

Size 170 · 210 · 260 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

BEGA Ultimate Driver®
on/off or DALI-controllable

BEGA Thermal Management®

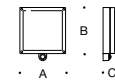
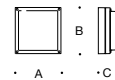
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules




Ceiling and wall luminaires							
	LED		PSU	A	B	C	AC/DC
22 400	4.0 W	250 lm	on/off	95	170	70	✓
22 450	4.9 W	410 lm	on/off	120	210	80	✓



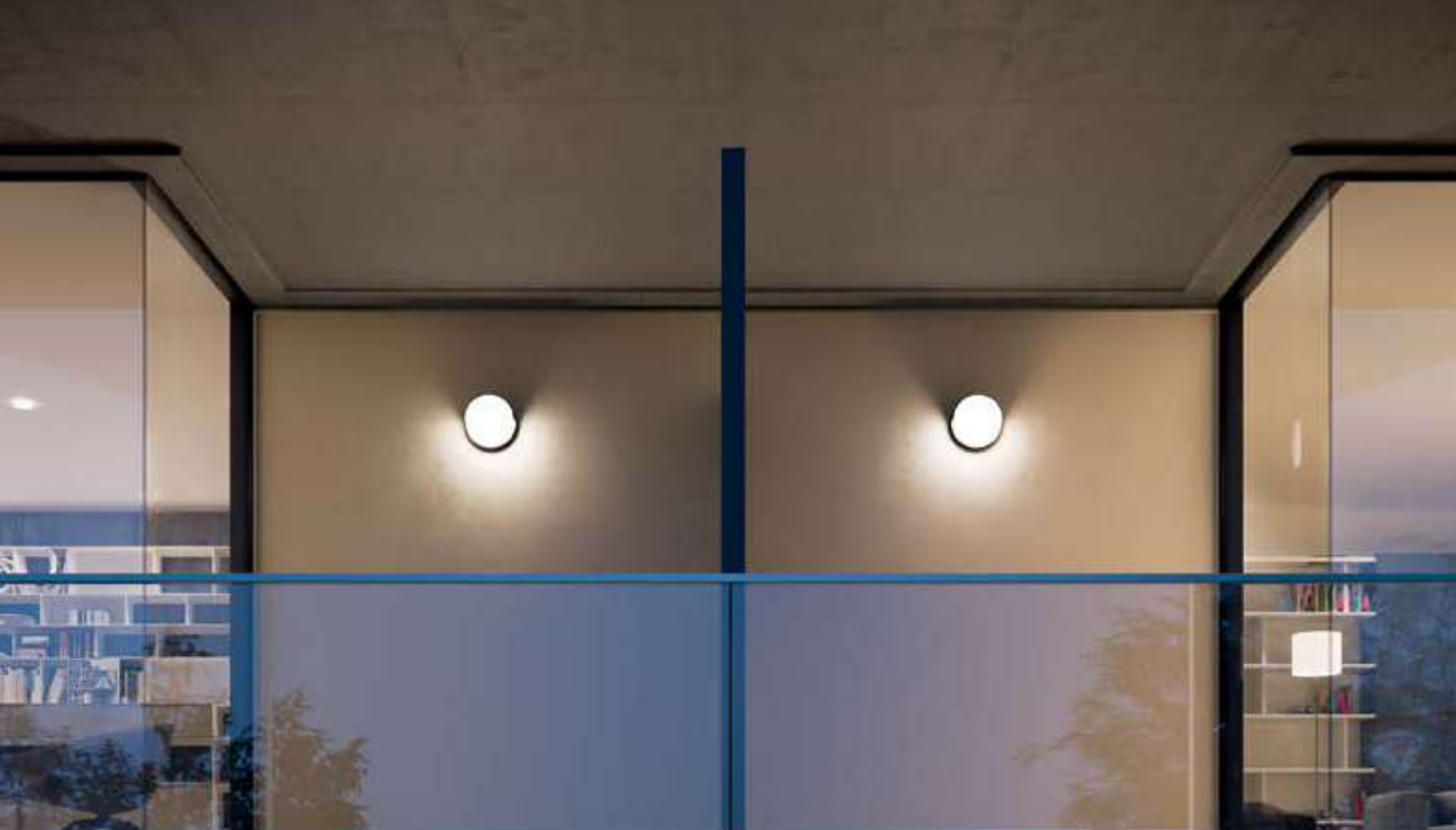
24 396

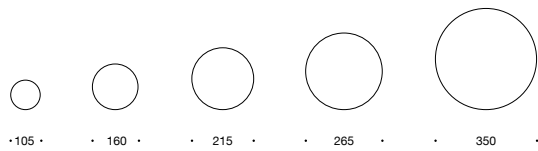
Ceiling and wall luminaires							
	LED		PSU	A	B	C	AC/DC
22 663	4.0 W	225 lm	on/off	170	170	70	✓
22 665	4.9 W	405 lm	on/off	210	210	80	✓
33 136	18.5 W	1110 lm	DALI	260	260	90	✓

Wall luminaires - With PIR motion and light sensor							
	LED		PSU	A	B	C	AC/DC
24 396	8.0 W	505 lm	on/off*	260	290	90	✓

 Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting

*Light level adjustable with BEGA Tool app





Ceiling and wall luminaires

A series of impact-resistant luminaires made of cast aluminium. Luminaires which we have adapted perfectly to our LED technology. The luminaires are secured in the housing without any visible screws and a barely visible locking screw secures the cast aluminium frame. The thick crystal glass ensures that the luminaires in this group are sufficiently robust, while also giving them their distinctive character. A variety of sizes and light outputs makes these economical luminaires extremely versatile. Its range of possible applications is also extended by its high protection class.

Individually or in groups, they are great design elements for a wide range of lighting applications – both indoors and out.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 90 to 2360 lm

Connected wattage 1.6 to 27.2 W

Size Ø 105 · 160 · 215 · 265 · 350 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



Ceiling and wall luminaires

	LED	PSU	A	B	AC/DC
24 036	1.6 W	90 lm	on/off	105 80	—
33 507	3.9 W	255 lm	on/off	160 100	✓
33 508	5.8 W	530 lm	on/off	215 115	✓
33 509	11.7 W	935 lm	DALI	265 120	✓
24 395	27.2 W	2360 lm	DALI	350 100	✓



Ceiling and wall luminaires

We have been producing impact-resistant ceiling and wall luminaires for more than 40 years.

They have received many international awards for their unmistakable design. The concept and design have stood the test of time. They were characteristic of a whole series of luminaires in our range of products, and became models for outdoor luminaires in general.

We have developed these luminaires further and perfectly adapted their structure and design to our LED technology.

The thick crystal glass ensures that the impact-resistant luminaires in this group are both robust and elegant.

The luminaires are enclosed without visible

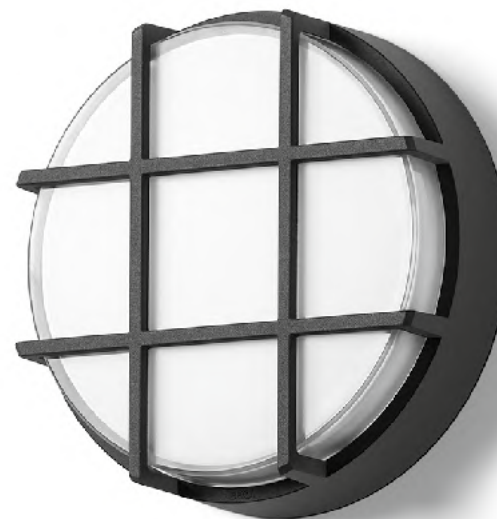
screw connections on the housing, while a barely visible locking screw secures the cast aluminium frame.

A variety of sizes and light outputs makes these economical luminaires extremely versatile. Its range of possible applications is also extended by its high protection class.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	110 to 2610 lm
Connected wattage	1.6 to 27.2 W
Size	Ø 105 · 160 · 215 · 265 · 350 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Crystal glass, inside white	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



· A · · B ·

Ceiling and wall luminaires


	LED		PSU	A	B	AC/DC
24 037	1.6 W	110 lm	on/off	105	55	—
33 534	3.9 W	335 lm	on/off	160	65	✓
33 535	5.8 W	610 lm	on/off	215	70	✓
33 523	11.7 W	1055 lm	DALI	265	80	✓
24 394	27.2 W	2610 lm	DALI	350	95	✓



· A · · B ·

Ceiling and wall luminaires

	LED		PSU	A	B	AC/DC
33 502	3.9 W	260 lm	on/off	160	75	✓
33 503	5.8 W	440 lm	on/off	215	80	✓
33 504	11.7 W	730 lm	DALI	265	90	✓

 Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Luminaires with passive infrared motion and light sensor

Ceiling and wall luminaires With optional PIR motion and light sensor

We have redesigned this series of impact-resistant ceiling and wall luminaires in line with both today's market requirements and our LED technology.

Their predecessors shaped the design of the BEGA range for 40 years.

As illuminating classics, they became the standard for outdoor luminaires. We have changed their design and adapted their technology to today's requirements very carefully.

Luminaires for installation on ceilings or walls. The different dimensions and light outputs provide solutions for a wide range of lighting applications. The luminaires are available with either crystal glass or impact-resistant synthetic covers.

Luminaires in this series, with **passive infrared motion and light sensor**, react to thermal radiation in the dark, switching on when people or animals are detected in the vicinity of the luminaire. They are easily and conveniently parametrised via Bluetooth® and the free BEGA Tool app.

In this way, individual light levels can be easily and conveniently defined for specific modes.

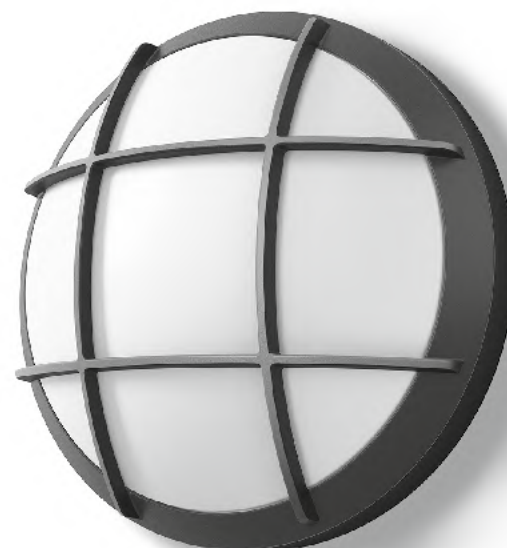
Please note:

The luminaires with DALI power supply unit and sensor are designed for operation in an existing DALI system. If the luminaires are not to be operated in a DALI system, a DALI power supply 71 094 or 70 866 is required. Options for changing the default settings can be found in the instructions for use of the luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	635 to 3080 lm
Connected wattage	8.1 to 28.0 W
Size	Ø 200 · 260 · 350 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Crystal glass, inside white or impact-resistant synthetic cover, white	
on/off or DALI-controllable power supply units	
With optional PIR motion and light sensor	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



· A · · B ·

Ceiling and wall luminaires

Crystal glass	Synthetic material	LED	PSU	A	B	AC/DC
24 148 835 lm	24 187 885 lm	8.1 W	on/off	200	75	✓
24 175 1450 lm	24 189 1715 lm	15.0 W	on/off	260	85	✓
24 165 2650 lm	24 190 3080 lm	27.2 W	DALI	350	105	✓



· A · · B ·

Ceiling and wall luminaires

Crystal glass	Synthetic material	LED	PSU	A	B	AC/DC
24 167 635 lm	24 179 695 lm	8.1 W	on/off	200	80	✓
24 173 1155 lm	24 181 1355 lm	15.0 W	on/off	260	90	✓
24 171 2130 lm	24 182 2465 lm	27.2 W	DALI	350	110	✓



· A · · C ·

Wall luminaires · With PIR motion and light sensor

Crystal glass	Synthetic material	LED	PSU	A	B	C	AC/DC
24 149 835 lm	24 191 885 lm	9.0 W	on/off*	200	230	75	✓
24 176 1450 lm	24 193 1715 lm	15.7 W	on/off*	260	290	85	✓
24 568 2650 lm	24 569 3080 lm	28.0 W	on/off*	350	385	105	✓
24 166 2650 lm	24 194 3080 lm	27.2 W	DALI	350	385	105	✓




· A · · C ·

Wall luminaires · With PIR motion and light sensor

Crystal glass	Synthetic material	LED	PSU	A	B	C	AC/DC
24 168 635 lm	24 183 695 lm	9.0 W	on/off*	200	230	80	✓
24 174 1155 lm	24 185 1355 lm	15.7 W	on/off*	260	290	90	✓
24 570 2130 lm	24 571 2465 lm	28.0 W	on/off*	350	385	110	✓
24 172 2130 lm	24 186 2465 lm	27.2 W	DALI	350	385	110	✓

*Light level adjustable with BEGA Tool app

 Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Ceiling and wall luminaires Shielded or unshielded light

We have been producing impact-resistant ceiling and wall luminaires for more than 40 years.

They have received many international awards for their unmistakable design. The concept and design have stood the test of time. They were characteristic of a whole series of luminaires in our range of products, and became models for outdoor luminaires in general.

We have developed these luminaires further and perfectly adapted their structure and design to our LED technology.

The thick crystal glass ensures that the impact-resistant luminaires in this group are both robust and elegant.

The luminaires are secured in the housing without any visible screws and a barely visible locking screw secures the cast aluminium frame.

Luminaires for installation on ceilings or walls. The different dimensions and light outputs provide solutions for a wide range of lighting applications. The luminaires are available with either crystal glass or impact-resistant synthetic covers.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	205 to 1165 lm
Connected wattage	4.1 to 14.0 W
Size	220 · 300 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white or impact-resistant synthetic cover, white

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

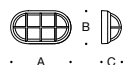
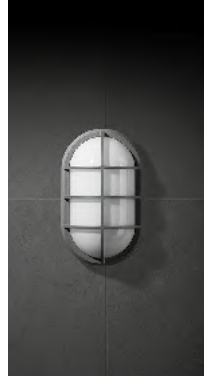
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

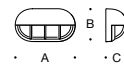
■ Silver – article number + **A**

20-year availability guarantee for LED modules




Ceiling and wall luminaires

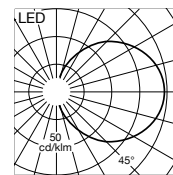
Crystal glass	Synthetic material	LED	PSU	A	B	C	AC/DC
24 353 530 lm	24 357 515 lm	7.1 W	on/off	220	120	80	✓
24 354 1150 lm	24 358 1165 lm	14.0 W	DALI	300	180	110	✓



Wall luminaires

Crystal glass	Synthetic material	LED	PSU	A	B	C	AC/DC
24 355 205 lm	24 359 205 lm	4.1 W	on/off	220	120	85	✓
24 356 385 lm	24 360 405 lm	8.0 W	DALI	300	180	115	✓

 Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Ceiling and wall luminaires

A group of very narrow, linear ceiling and wall luminaires for unshielded light.

Luminaires with a small cross section in three lengths.

The narrow edging of the white luminaire glass has no visible screw connections and underlines the linear design.

Luminaires that can emphasise or accentuate the structures of a building. Individually, in groups or as bands of light, they form effective design elements. The narrow width is also suitable for installation in and on profiles.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1060 to 3420 lm

Connected wattage 18.3 to 54.4 W

Length 520 · 1015 · 1505 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

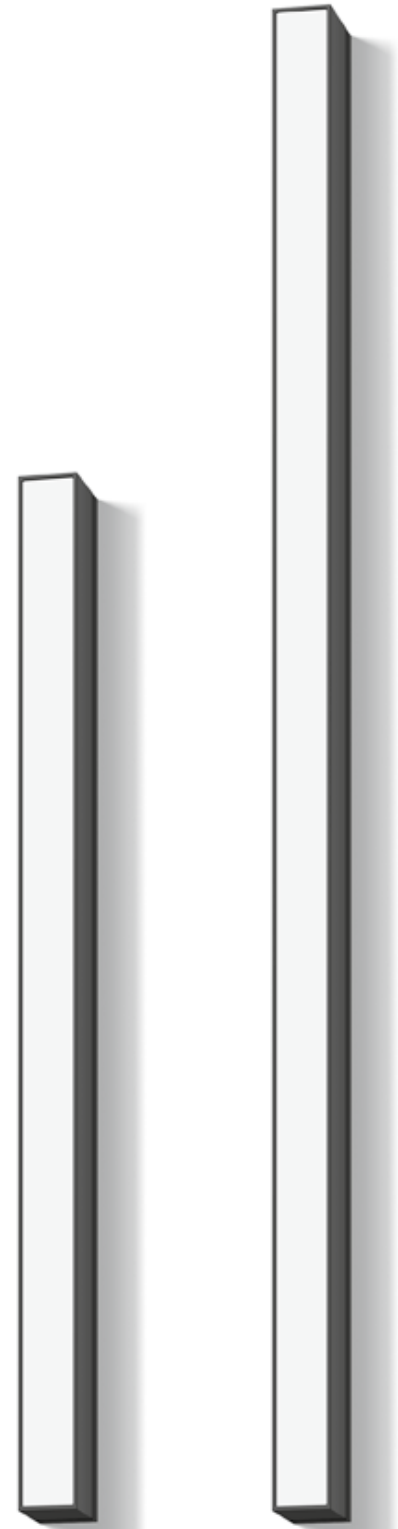
■ Graphite

20-year availability guarantee for LED modules



Ceiling and wall luminaires

	LED	PSU	A	B	C	AC/DC	
24 318	18.3 W	1060 lm	DALI	520	60	105	✓
24 319	35.6 W	2075 lm	DALI	1015	60	105	✓
24 320	54.4 W	3420 lm	DALI	1505	60	105	✓





Ceiling and wall luminaires

These ceiling and wall luminaires create new design opportunities with linear lighting elements. Their light accentuates the linear structures of buildings.

The luminaires are available in lengths that go far beyond the dimensions used so far. They are available in lengths of up to 1835 mm and thus satisfy the format needs of modern lighting design. The protection class IP 65 is also unusual for linear luminaires of this length.

These ceiling and wall luminaires, which emit their unshielded light in three directions, offer quality lighting with maximum visual comfort. The white synthetic cover with its particular light-diffusing properties distributes the light of the LED modules gently and evenly. Individually, in groups or as strip lighting, these linear ceiling and wall luminaires serve as effective design elements.

As wall luminaires, they can be installed horizontally or vertically.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1845 to 7500 lm

Connected wattage 14.5 to 55.0 W

Length 500 · 950 · 1835 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cover, white

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite

20-year availability guarantee for LED modules



Ceiling and wall luminaires							
	LED		PSU	A	B	C	AC/DC
24 115	14.5 W	1845 lm	DALI	500	125	120	✓
24 116	27.0 W	3825 lm	DALI	950	125	120	✓
24 117	55.0 W	7500 lm	DALI	1835	125	120	✓





• 37 • • 50 • • 75 •

**Recessed wall luminaires 24 V DC
made of stainless steel
for surface-mounted installation**

Small recessed wall luminaires in various sizes and with various outputs as location luminaires and symmetrical floodlights. The luminaires are corrosion-proof with high structural strength. Trim ring and luminaire housing made of stainless steel. Luminaires for the illumination of architectural details, paths and staircases – both indoors and out.

- The location luminaires are used to indicate points of danger and traffic areas in low ambient brightness.
- The floodlights have a symmetrical light distribution and, depending on the luminaire size, are suitable for the illumination of architectural details of different sizes.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	5 to 270 lm
Connected wattage	0.35 to 4.0 W
Size	Ø 37 · 50 · 75 mm
Protection class IP 68	20 m
Safety class	III

Trim ring and luminaire housing made of stainless steel

Safety glass

Installation sleeve made of glass fibre reinforced synthetic material

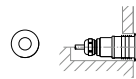
Connecting cable

A separate 24 V DC power supply unit is required to operate the luminaires.

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for LED modules



· A · · B ·



Location luminaires

	LED		PSU		A	B	Installation housing
33 880	0.35 W	5 lm	Without*		37	65	10 464
33 881	0.45 W	5 lm	Without*		50	75	10 435
33 882	1.4 W	50 lm	Without*		75	80	10 471

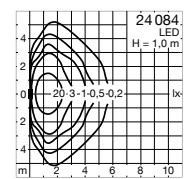
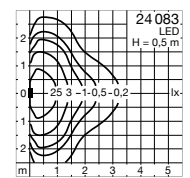
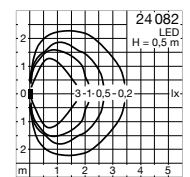


Floodlights · Symmetrical light distribution

	LED		PSU		A	B	Installation housing
33 830	0.5 W	30 lm	Without*		37	65	10 464
33 831	1.4 W	135 lm	Without*		50	75	10 435
33 832	4.0 W	270 lm	Without*		75	80	10 471

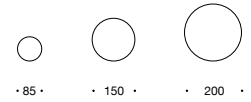


* Suitable 24V DC power supply units can be found on Page 566.





Shielded light



Recessed wall luminaires **made of cast bronze for surface-mounted installation**

Recessed wall luminaires made of cast bronze and stainless steel. Bronze, a high-quality alloy of copper and tin, has a tradition going back thousands of years. It is almost infinitely durable and is distinguished by its impressively high-quality aesthetic. Safety glass with light-directing texture distributes the light onto the surface to be illuminated. The glass is outside the visible area and is thus protected from damage.

Luminaires for the glare-free illumination of surfaces from a low mounting height, which make important orientation points visible from a low mounting height without glare in darkness or when the degree of illuminance is too low. They also serve to indicate points of danger.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 85 to 560 lm

Connected wattage 2.7 to 10.0 W

Size Ø 85 · 150 · 200 mm

Protection class IP 65

Cast bronze and stainless steel
Safety glass

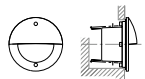
Luminaires without power supply unit,
with on/off power supply unit or
DALI-controllable power supply unit

BEGA Thermal Management®

Shielded light

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

20-year availability guarantee for
LED modules



· A · · B · C ·

Recessed wall luminaires · **Shielded light**

	Recessed wall luminaires · Shielded light							Accessories	
	LED	PSU	A	B	C	AC/DC	Installation housing	Plaster frame	
24 082	2.7 W	85 lm	Without*	85	90	20	—	10 415	10 015
24 083	5.0 W	315 lm	on/off	150	100	30	✓	10 428	10 028
24 084	10.0 W	560 lm	DALI	200	125	37	✓	10 429	10 029



* Safety class III · Suitable 24 V DC power supply units can be found on Page 566.



**Recessed wall luminaires 24 V DC
for surface-mounted installation**
Unshielded, shielded or directed light

Compact recessed wall luminaires – round or square – for operation with 24 V power supply units for a wide range of applications – both indoors and out. Recessed luminaires for the illumination of corridors, pathways and staircases, and wherever dangerous areas have to be marked. Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

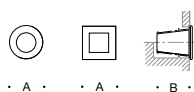
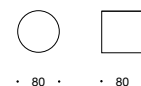
Three luminaire groups for the illumination of corridors, paths and staircases – both indoors and out:

- The **unshielded** luminaires are suitable as location luminaires for higher ambient brightness.
- The **shielded** luminaires are used to mark points of danger and traffic areas in low ambient brightness.
- The luminaires with **directed** light primarily illuminate the traffic areas in front of the installation surface to safely guide the way after dark.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

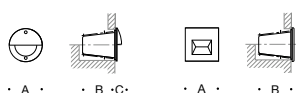
Luminaire luminous flux	10 to 95 lm
Connected wattage	2.3 · 2.7 W
Size	Ø · □ 80 mm
Protection class	IP 65
Safety class	III
Cast aluminium, aluminium and stainless steel	
Safety glass	
A separate 24 V DC power supply unit is required to operate the luminaires.	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Recessed wall luminaires · Unshielded light						Accessories	
		LED	PSU	A	B	Installation housing	Plaster frame
22 109	Round	2.3 W	30 lm	Without*	80 80	10 415	10 015
22 202	Square	2.3 W	35 lm	Without*	80 80	10 406	10 006



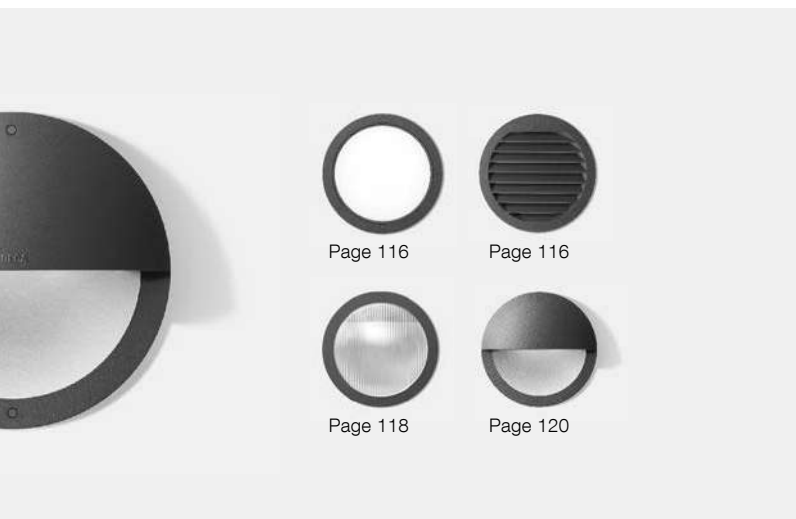
Recessed wall luminaires · Shielded light						Accessories	
		LED	PSU	A	B	Installation housing	Plaster frame
22 101	Round	2.3 W	10 lm	Without*	80 80	10 415	10 015
22 203	Square	2.3 W	10 lm	Without*	80 80	10 406	10 006



Recessed wall luminaires · Directed light						Accessories		
		LED	PSU	A	B	C	Installation housing	Plaster frame
22 369	Round	2.7 W	85 lm	Without*	80	80 20	10 415	10 015
22 230	Square	2.7 W	95 lm	Without*	80	80 —	10 406	10 006



*Suitable 24V DC power supply units can be found on Page 566.



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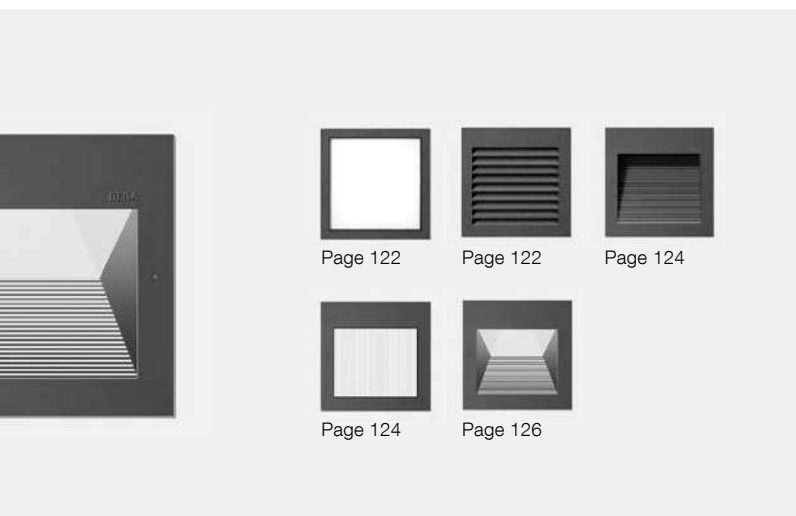
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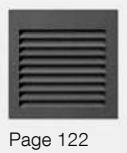
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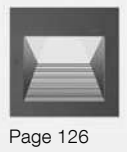
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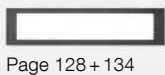
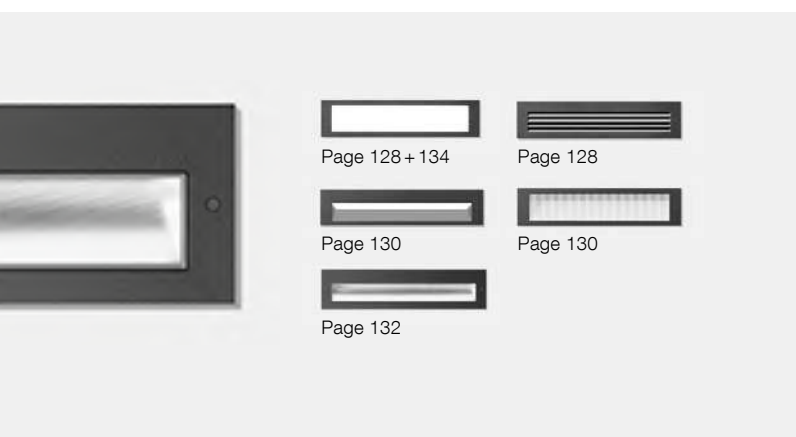
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BEGA recessed luminaires · Overview of the installation options

For decades, BEGA luminaires of this type have featured as exemplary luminous architectural details on numerous buildings around the world. They have been characteristic of a whole series of luminaires in our range of products and became models for outdoor luminaires in general.

The current versions of the recessed luminaires on Pages 116 to 135 are designed specifically for our LED technology and have the same installation dimensions as their predecessors, which can be replaced without any changes to the installation conditions.

All luminaires are characterised by a slim and at the same time screwless luminaire frame. The extremely low maintenance requirements of our LED technology enable a new product concept with far easier and quicker installation.

For all luminaires, the electrical connection is now established comfortably before installation in the structure.

We have a range of perfectly matched accessories available for the various installation situations. During the planning phase, please pay attention to the instructions for use for the installation housings and plaster frames available on our website.

Installation in cavity walls

All recessed luminaires feature the BEGA mounting system and can be surface-mounted in cavity walls of all kinds without the need for any accessories.

Installation in brickwork or concrete

Use the type A installation housing to create the perfect recessed opening for installation in brickwork or concrete. Two plaster frames are available if brickwork or concrete is to be subsequently plastered, both of which make it possible to compensate for different plaster thicknesses.

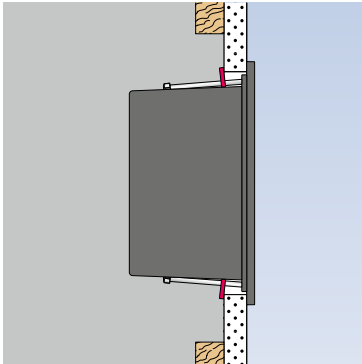
The type C plaster frame allows the **surface-mounted** installation of the luminaires. With the type D plaster frame, the luminaires are installed **flush**.

Installation in external wall insulation systems (EWIS)

We offer a system solution certified by the independent German Passive House Institute (PHI) for installation in external wall insulation systems.

The type B installation housing, together with the insulating elements included and the modular design, allows flexible adjustment to insulation depths of 120 to 200 mm. In plastered EWIS façades, the luminaires can be either surface-mounted or flush-mounted. The type C plaster frame allows the **surface-mounted** installation of the luminaires. With the type D plaster frame, the luminaires are installed **flush**.

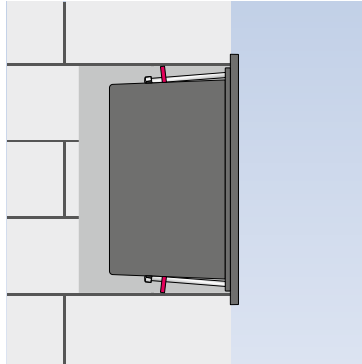
Cavity wall



Surface-mounted installation in cavity walls of all kinds

The BEGA mounting system allows fast and convenient installation in lightweight construction walls without any accessories.

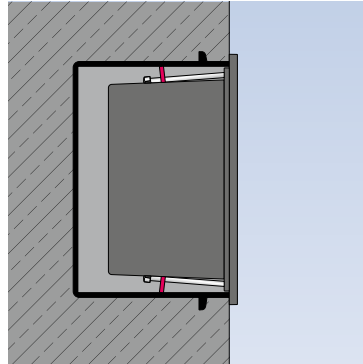
Brickwork



Surface-mounted installation in unplastered brickwork

The on-site construction of a recessed opening with the exact installation dimensions of the luminaire is required. An installation housing cannot be used.

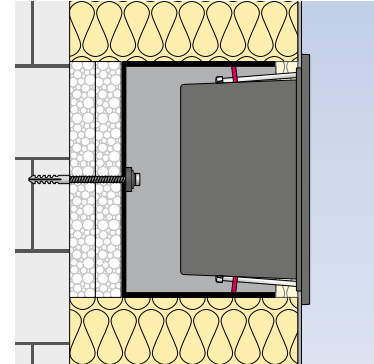
Concrete



Surface-mounted installation in unplastered concrete

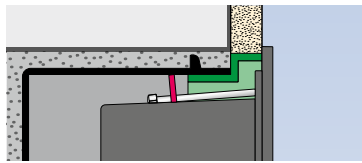
To make the recessed opening in concrete, we recommend using the type **A** installation housing.

EWIS



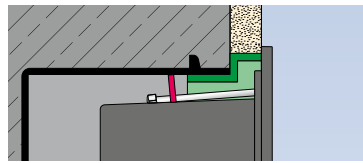
Surface-mounted installation in unplastered EWIS façades

The type **B** installation housing enables adjustment to insulation depths from 120 to 200 mm with various insulation elements.



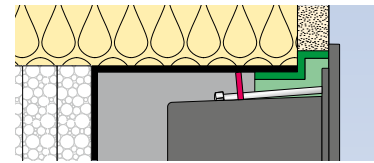
Surface-mounted installation in plastered brickwork

The type **C** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses.



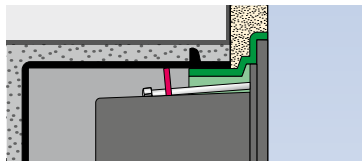
Surface-mounted installation in plastered concrete

The type **C** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses.



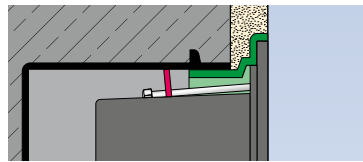
Surface-mounted installation in plastered EWIS façades

The type **C** plaster frame in conjunction with the type **B** installation housing makes it possible to compensate for different plaster thicknesses.



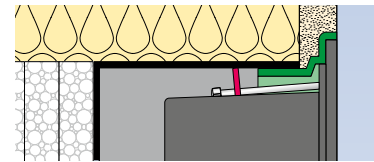
Flush-mounted installation in plastered brickwork

The type **D** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses and allows the flush-mounting installation of the luminaires.



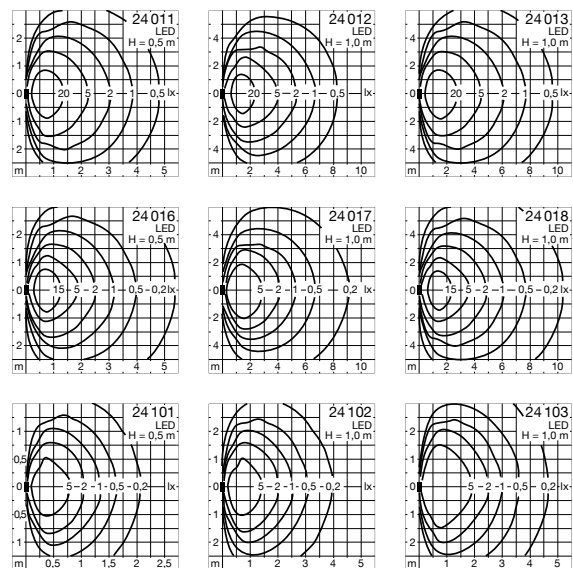
Flush-mounted installation in plastered concrete

The type **D** plaster frame in conjunction with the type **A** installation housing makes it possible to compensate for different plaster thicknesses and allows the flush-mounting installation of the luminaires.



Flush-mounted installation in plastered EWIS façades

The type **D** plaster frame in conjunction with the type **B** installation housing makes it possible to compensate for different plaster thicknesses and allows the flush-mounting installation of the luminaires.



Recessed wall luminaires for flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology.

The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure.

The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system.

All installation dimensions are identical to those of the previous luminaires. The slim yet screwless luminaire frames are highly distinctive.

Two groups of recessed wall luminaires for the illumination of corridors, paths and staircases – both indoors and out:

- The **unshielded** luminaires are optionally available as luminaires for applications requiring a higher degree of illuminance or as location luminaires with lower light output.
- The **shielded** luminaires are used to mark points of danger and traffic areas in low ambient brightness.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 10 to 1380 lm

Connected wattage 2.5 to 13.8 W

Size Ø 130 · 190 · 250 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

BEGA Ultimate Driver®
on/off or DALI-controllable

BEGA Thermal Management®

Unshielded or shielded light

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



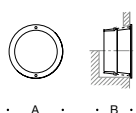
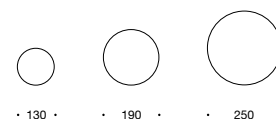
Recessed luminaire
unshielded light



Location luminaire
unshielded light



Location luminaire
shielded light

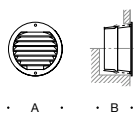


• A • • B •

You will find an overview of the various
installation options on Page 114.

Unshielded light						Install. housing		Plaster frame		
	LED	PSU	A	B	AC/DC	Type A	Type B	Type C	Type D	
24 011	4.9 W	365 lm	on/off	130	100	✓	10 781	13 544	10 081	13 526
24 012	9.7 W	900 lm	DALI	190	100	✓	10 486	13 545	10 086	13 527
24 013	13.8 W	1380 lm	DALI	250	100	✓	10 487	13 546	10 087	13 528

Unshielded light as location luminaires						Install. housing		Plaster frame		
	LED	PSU	A	B	AC/DC	Type A	Type B	Type C	Type D	
24 016	2.5 W	185 lm	on/off	130	100	✓	10 781	13 544	10 081	13 526
24 017	4.8 W	485 lm	on/off	190	100	✓	10 486	13 545	10 086	13 527
24 018	6.7 W	745 lm	on/off	250	100	✓	10 487	13 546	10 087	13 528

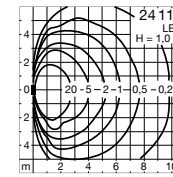
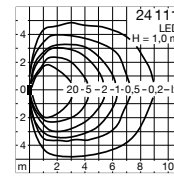
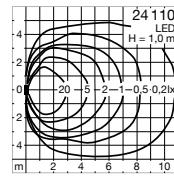


• A • • B •

You will find an overview of the various
installation options on Page 114.

Shielded light as location luminaires						Install. housing		Plaster frame		
	LED	PSU	A	B	AC/DC	Type A	Type B	Type C	Type D	
24 101	2.5 W	10 lm	on/off	130	100	✓	10 781	13 544	10 081	13 526
24 102	4.8 W	40 lm	on/off	190	100	✓	10 486	13 545	10 086	13 527
24 103	6.7 W	80 lm	on/off	250	100	✓	10 487	13 546	10 087	13 528





Recessed wall luminaires for flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. All installation dimensions are identical to those of the previous luminaires. The slim yet screwless luminaire frames are highly distinctive.

Recessed wall luminaires with **asymmetrical flat beam** light distribution. The light is directed downwards and shielded above the light emission level. The luminaires are particularly suitable for the wide beam and uniform illumination of surfaces and paths near the luminaires.

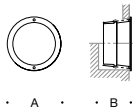
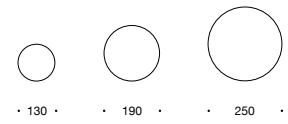
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	525 to 1260 lm
Connected wattage	7.1 to 20.0 W
Size	Ø 130 · 190 · 250 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

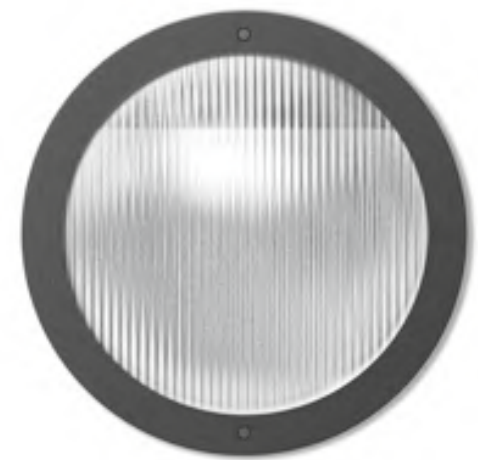


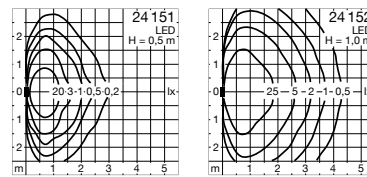
Asymmetrical flat beam
light distribution



You will find an overview of the various
installation options on Page 114.

Asymmetrical flat beam light distribution							Install. housing		Plaster frame	
	LED	PSU	A	B	AC/DC	Type A	Type B	Type C	Type D	
24 110	7.1 W	525 lm	on/off	130	100	✓	10 781	13 544	10 081	13 526
24 111	11.5 W	840 lm	DALI	190	100	✓	10 486	13 545	10 086	13 527
24 112	20.0 W	1260 lm	DALI	250	100	✓	10 487	13 546	10 087	13 528





Recessed wall luminaires for flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. All installation dimensions are identical to those of the previous luminaires.

Luminaires for the glare-free illumination of surfaces from a low mounting height, which make important orientation points visible from a low mounting height without glare in darkness or when the degree of illuminance is too low. They also serve to indicate points of danger.

Safety glass with light-directing texture distributes the light of the LED onto the surface to be illuminated. The glass is outside the visible area and is thus protected from damage.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

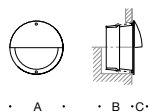
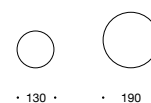
maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous	265 · 550 lm
Connected wattage	5.0 · 9.5 W
Size	Ø 130 · 190 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Shielded light	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Shielded light

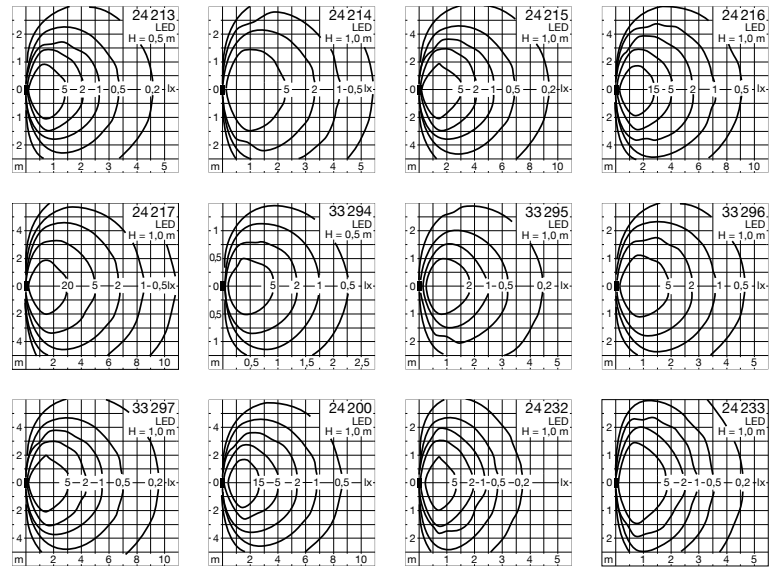


· A · · B · C ·

You will find an overview of the various installation options on Page 114.

Recessed wall luminaires · Shielded light							Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D
24 151	5.0 W 265 lm	on/off	130	100	20	✓	10 781	13 544	10 081	13 526
24 152	9.5 W 550 lm	DALI	190	100	30	✓	10 486	13 545	10 086	13 527





Recessed wall luminaires for flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. All installation dimensions are identical to those of the previous luminaires. The slim yet screwless luminaire frames are highly distinctive.

Two luminaire groups for the illumination of corridors, paths and staircases – both indoors and out:

- The **unshielded** luminaires are optionally available as luminaires for applications requiring a higher degree of illuminance or as location luminaires with lower light output.
- The **shielded** luminaires are used to mark points of danger and traffic areas in low ambient brightness.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	45 to 1605 lm
Connected wattage	2.3 to 22.3 W
Size	<input type="checkbox"/> 80 · 100 · 150 · 190 · 250 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Luminaires without power supply unit, with on/off power supply unit or DALI-controllable power supply unit	
BEGA Thermal Management®	
Unshielded or shielded light	
LED colour temperature	3000 K – article number + K3 4000 K – article number + K4
Luminaire colour · BEGA Unidure®	<input checked="" type="checkbox"/> Graphite – article number <input type="checkbox"/> Silver – article number + A
20-year availability guarantee for LED modules	



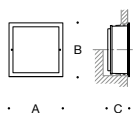
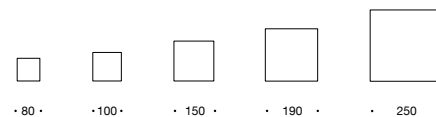
Recessed luminaire
Unshielded light



Location luminaire
Unshielded light



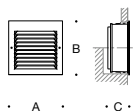
Location luminaire
Shielded light



You will find an overview of the various installation options on Page 114.

Unshielded light							Install. housing		Plaster frame		
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 213	4.0 W	90 lm	without*	80	80	70	—	10 406	—	10 006	10 070
24 214	5.0 W	265 lm	on/off	100	100	70	✓	10 782	—	10 082	10 071
24 215	8.5 W	625 lm	DALI	150	150	80	✓	10 463	13 540	10 063	10 072
24 216	14.0 W	1225 lm	DALI	190	190	80	✓	10 489	13 541	10 089	10 073
24 217	22.3 W	1605 lm	DALI	250	250	105	✓	10 490	13 542	10 090	13 529

Unshielded light as location luminaires							Install. housing		Plaster frame		
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
33 294	2.3 W	60 lm	without*	80	80	70	—	10 406	—	10 006	10 070
33 295	2.7 W	135 lm	on/off	100	100	70	✓	10 782	—	10 082	10 071
33 296	3.9 W	320 lm	on/off	150	150	80	✓	10 463	13 540	10 063	10 072
33 297	6.7 W	625 lm	on/off	190	190	80	✓	10 489	13 541	10 089	10 073
24 200	11.4 W	830 lm	on/off	250	250	105	✓	10 490	13 542	10 090	13 529

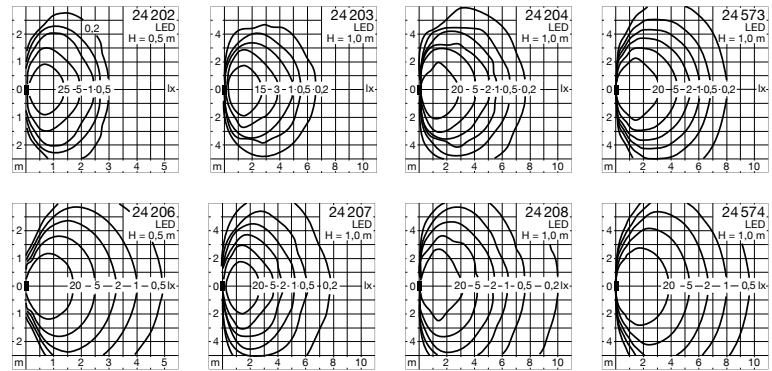


You will find an overview of the various installation options on Page 114.

Shielded light as location luminaires							Install. housing		Plaster frame		
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 232	3.9 W	45 lm	on/off	150	150	100	✓	10 463	13 540	10 063	10 072
24 233	6.7 W	90 lm	on/off	190	190	100	✓	10 489	13 541	10 089	10 073



*Safety class III · Suitable 24V DC power supply units can be found on Page 566.



Recessed wall luminaires for flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. All installation dimensions are identical to those of the previous luminaires.

Two luminaire groups for the illumination of corridors, paths and staircases – both indoors and out:

- The **shielded** luminaires direct the light downwards and are completely shielded above the horizontal. The highest degree of illuminance is generated in the immediate vicinity of the luminaire. Luminaires with a high level of visual comfort for the uniform illumination of footpaths and surfaces with maximum glare suppression.
- The luminaires with **asymmetrical flat beam** light distribution emit their light across the width of the room. The light is directed downwards and shielded above the light emission level. For the wide beam and uniform illumination of surfaces and paths.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

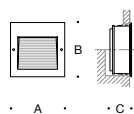
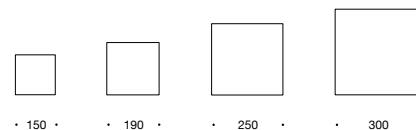
Luminaire luminous flux	265 to 2500 lm
Connected wattage	4.0 to 22.5 W
Size	<input type="checkbox"/> 150 · 190 · 250 · 300 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Shielded light or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
<input type="checkbox"/> Graphite – article number	
<input type="checkbox"/> Silver – article number + A	
20-year availability guarantee for LED modules	



Shielded light



Asymmetrical flat beam
light distribution



Shielded light

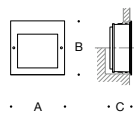
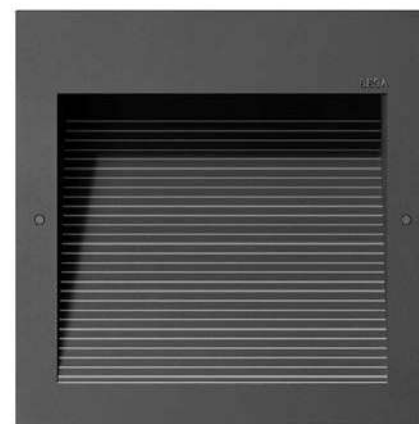
	LED	PSU	A	B	C	AC/DC	
24 202	4.0 W	265 lm	on/off	150	150	100	✓
24 203	6.9 W	475 lm	DALI	190	190	100	✓
24 204	13.5 W	1110 lm	DALI	250	250	105	✓
24 573	22.5 W	1620 lm	DALI	300	300	105	✓

You will find an overview of the various
installation options on Page 114.

Install. housing

Type A	Type B	Type C	Type D
10 463	13 540	10 063	10 072
10 489	13 541	10 089	10 073
10 490	13 542	10 090	13 529
10 492	13 606	10 092	13 605

Plaster frame



Asymmetrical flat beam light distribution

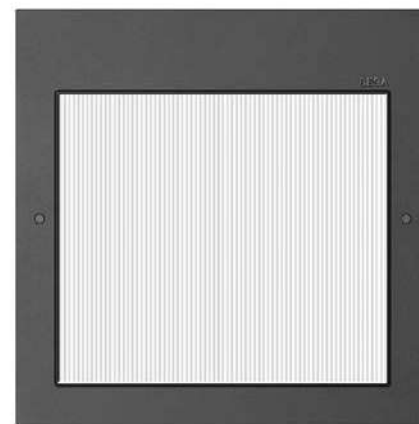
	LED	PSU	A	B	C	AC/DC	
24 206	4.0 W	400 lm	on/off	150	150	100	✓
24 207	6.9 W	710 lm	DALI	190	190	100	✓
24 208	13.5 W	1715 lm	DALI	250	250	105	✓
24 574	22.5 W	2500 lm	DALI	300	300	105	✓

You will find an overview of the various
installation options on Page 114.

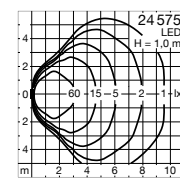
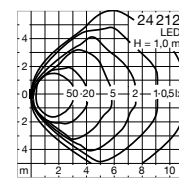
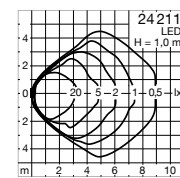
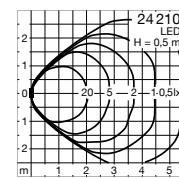
Install. housing

Type A	Type B	Type C	Type D
10 463	13 540	10 063	10 072
10 489	13 541	10 089	10 073
10 490	13 542	10 090	13 529
10 492	13 606	10 092	13 605

Plaster frame



Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Recessed wall and ceiling luminaires
for flush or surface mounting

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology.

The electrical connection is comfortably established before installation in the structure. The now-connected luminaire is then mounted in the building structure or installation housing using the BEGA mounting system. All installation dimensions are identical to those of the previous luminaires.

The slim, screwless luminaire frames are distinctive in their design.

With **asymmetrical** light distribution, these luminaires are particularly suitable for the glare-free illumination of floor, wall and ceiling surfaces – both indoors and out.

They produce a high degree of illuminance on the illuminated surface.

They are luminaires with the characteristics of a floodlight, which produce spatial illumination and are suitable for illuminating squares, driveways, stairs and wide footpaths.

When used as recessed wall luminaires to illuminate ceiling surfaces, the light distribution is particularly suitable for the illumination porches and cantilever roofs, subways and covered entrances.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 310 to 2100 lm

Connected wattage 4.0 to 22.5 W

Size 150 · 190 · 250 · 300 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®


Asymmetrical light distribution


LED colour temperature

3000 K – article number + **K3**

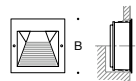
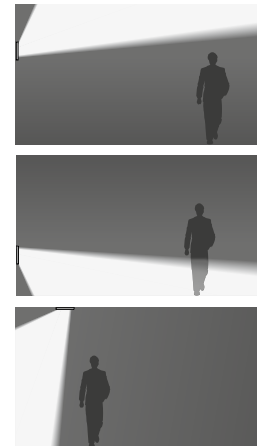
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

 Graphite – article number

 Silver – article number + **A**

20-year availability guarantee for LED modules

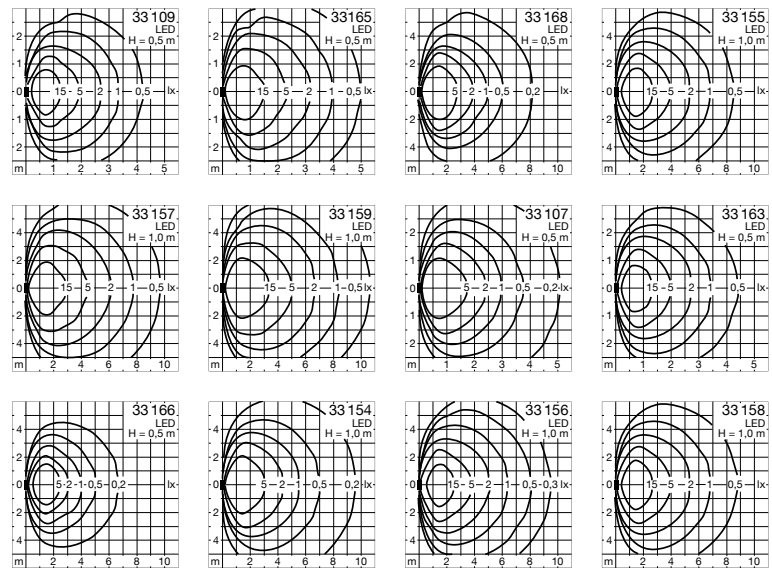


· A · · C ·

You will find an overview of the various installation options on Page 114.

Asymmetrical light distribution							Install.housing		Plaster frame		
	LED		PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D
24 210	4.0 W	310 lm	on/off	150	150	100	✓	10 463	13 540	10 063	10 072
24 211	6.9 W	565 lm	DALI	190	190	100	✓	10 489	13 541	10 089	10 073
24 212	13.5 W	1425 lm	DALI	250	250	105	✓	10 490	13 542	10 090	13 529
24 575	22.5 W	2100 lm	DALI	300	300	105	✓	10 492	13 606	10 092	13 605





Recessed luminaires for walls and staircases For flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology.

The electrical connection is comfortably established before installation in the structure. The now-connected luminaire is then mounted in the building structure or installation housing using the BEGA mounting system. All installation dimensions are identical to those of the previous luminaires.

The slim, screwless luminaire frames are distinctive in their design.

Depending on the size, the luminaires can be installed in risers and in walls – both indoors and out.

- The unshielded luminaires are available with a choice of two light outputs. As luminaires for areas of application where a higher degree of illuminance is required or as location luminaires with lower light output.
- The shielded luminaires are used to mark points of danger and traffic areas in low ambient brightness.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	30 to 1720 lm
Connected wattage	2.7 to 23.0 W
Length	170 to 520 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Unshielded or shielded light	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



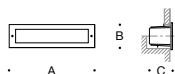
Recessed luminaire
Unshielded light



Location luminaire
Unshielded light



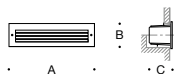
Location luminaire
Shielded light



You will find an overview of the various installation options on Page 114.

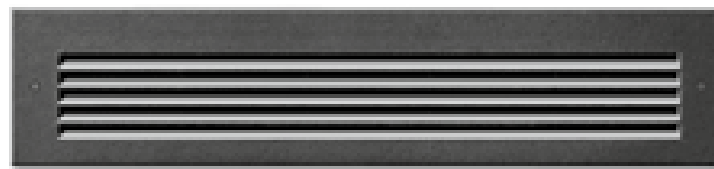
Unshielded light								Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC		Type A	Type B	Type C	Type D
33 109	5.1 W	330 lm	on/off	170	70	65	✓	10 424	13 519	10 024	13 503
33 165	7.8 W	515 lm	on/off	260	70	65	✓	10 425	13 520	10 025	13 504
33 168	10.8 W	700 lm	on/off	320	70	65	✓	10 426	13 521	10 026	13 505
33 155	14.5 W	905 lm	DALI	330	125	90	✓	10 436	13 522	10 036	13 506
33 157	19.0 W	1330 lm	DALI	420	125	90	✓	10 437	13 523	10 037	13 507
33 159	23.0 W	1720 lm	DALI	520	125	90	✓	10 438	13 524	10 038	13 508

Unshielded light as location luminaires								Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC		Type A	Type B	Type C	Type D
33 107	2.7 W	170 lm	on/off	170	70	65	✓	10 424	13 519	10 024	13 503
33 163	4.5 W	240 lm	on/off	260	70	65	✓	10 425	13 520	10 025	13 504
33 166	4.9 W	335 lm	on/off	320	70	65	✓	10 426	13 521	10 026	13 505
33 154	7.0 W	515 lm	on/off	330	125	90	✓	10 436	13 522	10 036	13 506
33 156	10.0 W	745 lm	on/off	420	125	90	✓	10 437	13 523	10 037	13 507
33 158	12.0 W	940 lm	on/off	520	125	90	✓	10 438	13 524	10 038	13 508

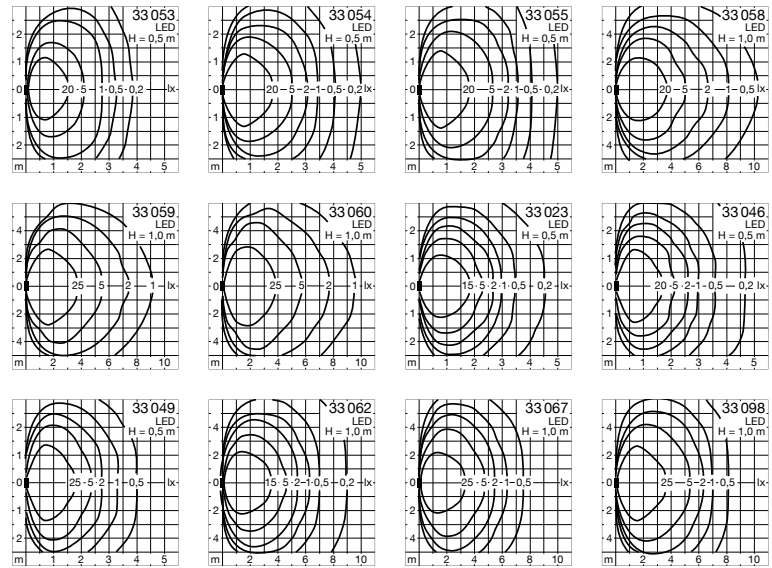


You will find an overview of the various installation options on Page 114.

Shielded light as location luminaires								Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC		Type A	Type B	Type C	Type D
33 017	2.7 W	30 lm	on/off	170	70	65	✓	10 424	13 519	10 024	13 503
33 018	4.5 W	45 lm	on/off	260	70	65	✓	10 425	13 520	10 025	13 504
33 019	4.9 W	65 lm	on/off	320	70	65	✓	10 426	13 521	10 026	13 505
33 050	7.0 W	60 lm	on/off	330	125	90	✓	10 436	13 522	10 036	13 506
33 051	10.0 W	95 lm	on/off	420	125	90	✓	10 437	13 523	10 037	13 507
33 052	12.0 W	115 lm	on/off	520	125	90	✓	10 438	13 524	10 038	13 508



Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Recessed luminaires for walls and staircases For flush or surface-mounted installation

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous structures worldwide. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology. The extremely low maintenance requirements allow a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. All installation dimensions are identical to those of the previous luminaires.

Depending on the size, the luminaires can be installed in risers and in walls – both indoors and out.

- Luminaires with **asymmetrical** light distribution illuminate ground surfaces in the depth of the room.
- Luminaires with **asymmetrical flat beam** light distribution emit their light into the width of the room and illuminate ground surfaces uniformly and with a very wide beam.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	230 to 1870 lm
Connected wattage	5.2 to 23.0 W
Length	170 to 520 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

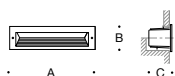
20-year availability guarantee for LED modules



Asymmetrical
Light distribution

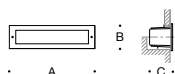
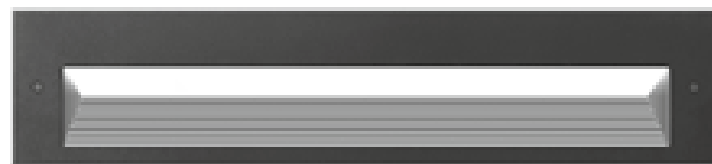


Asymmetrical flat beam
Light distribution



You will find an overview of the various installation options on Page 114.

Asymmetrical light distribution								Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
33 053	5.2 W	230 lm	on/off	170	70	65	✓	10 424	13 519	10 024	13 503
33 054	7.8 W	340 lm	on/off	260	70	65	✓	10 425	13 520	10 025	13 504
33 055	11.0 W	480 lm	on/off	320	70	65	✓	10 426	13 521	10 026	13 505
33 058	14.5 W	1100 lm	DALI	330	125	90	✓	10 436	13 522	10 036	13 506
33 059	19.0 W	1485 lm	DALI	420	125	90	✓	10 437	13 523	10 037	13 507
33 060	23.0 W	1870 lm	DALI	520	125	90	✓	10 438	13 524	10 038	13 508

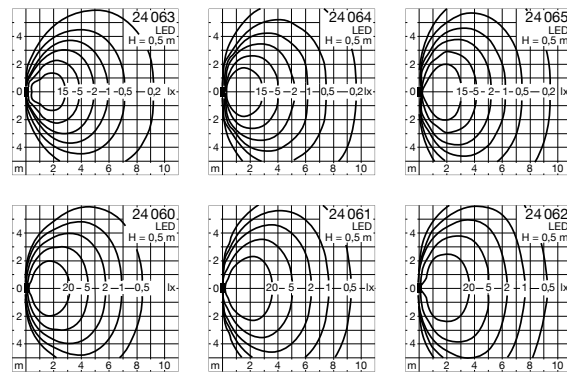


You will find an overview of the various installation options on Page 114.

Asymmetrical flat beam light distribution								Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
33 023	5.2 W	300 lm	on/off	170	70	65	✓	10 424	13 519	10 024	13 503
33 046	7.8 W	465 lm	on/off	260	70	65	✓	10 425	13 520	10 025	13 504
33 049	11.0 W	620 lm	on/off	320	70	65	✓	10 426	13 521	10 026	13 505
33 062	14.5 W	1025 lm	DALI	330	125	90	✓	10 436	13 522	10 036	13 506
33 067	19.0 W	1470 lm	DALI	420	125	90	✓	10 437	13 523	10 037	13 507
33 098	23.0 W	1855 lm	DALI	520	125	90	✓	10 438	13 524	10 038	13 508



Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Surface washers · Recessed wall luminaires for flush or surface mounting

For decades, BEGA luminaires of this type have featured as exemplary luminous architectural details on numerous buildings around the world. We are constantly developing these luminaires and always perfectly match the construction and design to our LED technology.

These recessed wall luminaires with asymmetrical light distribution are particularly suitable for the illumination of ground surfaces from a very low mounting height (0.3 to 0.5 m). Available in different sizes and with different light outputs, these luminaires provide spatial illumination with high uniformity.

The extremely low maintenance requirements of our LED technology enable a new product concept with far easier and quicker installation. The electrical connection is comfortably established before installation in the structure. The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. All installation dimensions are identical to those of the previous luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

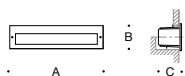
information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	300 to 1460 lm
Connected wattage	6.1 to 23.7 W
Length	170 to 520 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Asymmetrical light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



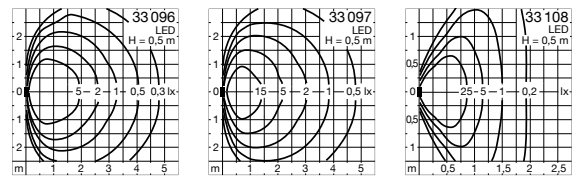
Recessed wall luminaires for the spatial illumination of ground surfaces from a very low mounting height



You will find an overview of the various installation options on Page 114.

Asymmetrical light distribution								Install. housing		Plaster frame	
	LED	PSU	A	B	C	AC/DC	Type A	Type B	Type C	Type D	
24 063	6.1 W	300 lm	on/off	170	70	65	✓	10 424	13 519	10 024	13 503
24 064	9.2 W	490 lm	on/off	260	70	65	✓	10 425	13 520	10 025	13 504
24 065	11.0 W	555 lm	on/off	320	70	65	✓	10 426	13 521	10 026	13 505
24 060	15.0 W	850 lm	DALI	330	125	90	✓	10 436	13 522	10 036	13 506
24 061	21.3 W	1165 lm	DALI	420	125	90	✓	10 437	13 523	10 037	13 507
24 062	23.7 W	1460 lm	DALI	520	125	90	✓	10 438	13 524	10 038	13 508





Recessed wall luminaires for flush or surface-mounted installation

Recessed luminaires for installation in walls or stairs. The luminaires can be installed as flush or surface-mounted units. In addition to their slim, LED-compatible design, they are extremely simple and quick to install. The electrical connection is comfortably established before installation in the structure.

The installed luminaire is then mounted securely in the structure or in the installation housing with our BEGA mounting system. The unshielded luminaires 33 096 · 33 097 can be mounted horizontally as well as vertically.

Depending on the size, the luminaires can be installed in risers and in walls – both indoors and out.

- The **unshielded** luminaires are suitable as location luminaires for higher ambient brightness.
- The **shielded** luminaires are used to mark points of danger and traffic areas in low ambient brightness.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	100 to 320 lm
Connected wattage	2.8 to 5.8 W
Length	220 · 320 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
BEGA Ultimate Driver® · on/off	
Unshielded or shielded light	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



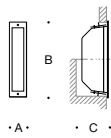
Unshielded light



Shielded light



The luminaires 33 096 · 33 097 can be installed either vertically or horizontally. In addition to their use in walls, they are also suitable for use in staircase risers – both indoors and out.

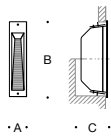


Unshielded light

	LED		PSU	A	B	C	AC/DC
	Power	Lumen					
33 096	3.9 W	135 lm	on/off	50	220	75	✓
33 097	5.8 W	320 lm	on/off	50	320	75	✓

You will find an overview of the various installation options on Page 114.

Install. housing		Plaster frame	
Type A	Type B	Type C	Type D
10 454	13 570	10 054	10 074
10 455	13 571	10 059	10 079



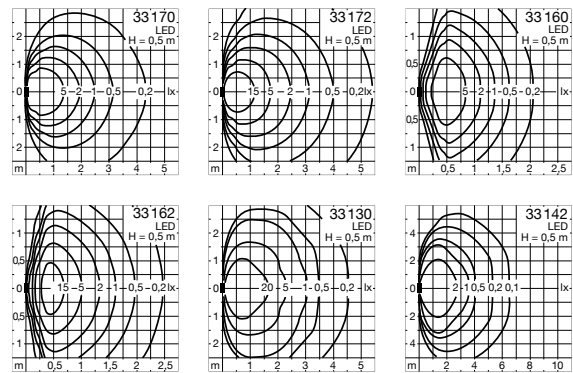
Shielded light

	LED		PSU	A	B	C	AC/DC
	Power	Lumen					
33 108	2.8 W	100 lm	on/off	50	220	75	✓

You will find an overview of the various installation options on Page 114.

Install. housing		Plaster frame	
Type A	Type B	Type C	Type D
10 454	13 570	10 054	10 074





Recessed luminaires **made of stainless steel** for walls and staircases

Luminaires that are particularly suitable for installation in staircase risers – both indoors and out – thanks to their compact dimensions. Recessed luminaires for walls and stairs are often subject to special on-site requirements. In addition to the mechanical stresses caused by vandalism, luminaires are also subjected to emissions and construction-related leaching of aggressive media.

For such applications where a high degree of material resistance is advisable, this series features luminaires with cover frames and luminaire housings made entirely of stainless steel.

The unshielded luminaires can also be installed in a vertical burning position. Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

- The **unshielded** luminaires are suitable as location luminaires for higher ambient brightness.
- The **shielded** luminaires are used to identify points of danger and traffic areas in low ambient brightness.
- The luminaires with **asymmetrical flat beam** light distribution emit their light into the width of the room and illuminate ground surfaces uniformly and with a very wide beam.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	10 to 725 lm
Connected wattage	2.7 to 7.4 W
Length	165 · 315 mm
Protection class	IP 65
Housing and cover frame made of stainless steel	
Safety glass	
Connecting cable and line connector	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
Unshielded or shielded light or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
20-year availability guarantee for LED modules	



Recessed luminaire
unshielded light



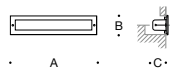
Location luminaire
shielded light



Recessed luminaire
asymmetrical flat beam
light distribution

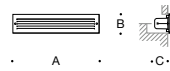


Luminaires with very high material resistance:
luminaire housing and cover frame made of
stainless steel



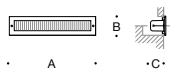
Unshielded light

	LED		PSU	A	B	C	AC/DC	Accessories	
	Power	Light						Installation housing	Plaster frame
33 170	2.7 W	105 lm	on/off	165	70	85	✓	10 424	10 024
33 172	3.9 W	195 lm	on/off	315	70	85	✓	10 426	10 026



Shielded light as location luminaires

	LED		PSU	A	B	C	AC/DC	Accessories	
	Power	Light						Installation housing	Plaster frame
33 160	2.7 W	10 lm	on/off	165	70	85	✓	10 424	10 024
33 162	3.9 W	20 lm	on/off	315	70	85	✓	10 426	10 026



Asymmetrical flat beam light distribution

	LED		PSU	A	B	C	AC/DC	Accessories	
	Power	Light						Installation housing	Plaster frame
33 130	7.4 W	255 lm	on/off	165	70	85	✓	10 424	10 024
33 142	6.8 W	725 lm	on/off	315	70	85	✓	10 426	10 026





Recessed wall luminaires **made of stainless steel**

Unshielded luminaires, luminaires with asymmetrical light distribution or RGB recessed luminaires for additive colour mixing

Corrosion resistant recessed wall luminaires made of stainless steel with high structural strength for various applications. Luminaires that guarantee reliable and cost-effective operation. Different dimensions are available for your lighting applications. Luminaires in which the cover frame and luminaire glass form a single flat plane – without offset. The unshielded luminaires are optionally available as location luminaires with reduced light output or as luminaires for areas of application where a higher degree of illuminance is required. Shallow installation depths and the BEGA mounting system ensure simple and economical installation in solid or hollow structures.

Depending on the size, the luminaires can be installed in risers and in walls – both indoors and out.

- The **unshielded luminaires** are optionally available as location luminaires with reduced light output or as luminaires for areas of application where a higher degree of illuminance is required.
- The luminaires with **asymmetrical** light distribution emit their light into the width of the room and illuminate ground surfaces uniformly and with a very wide beam.
- The **RGB recessed luminaires** are suitable for integration into light and building control systems. Operating the RGB recessed luminaires requires both an operating device and a colour light control unit. For DALI system components, see Pages 568 to 571.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2 to 495 lm
Connected wattage	0.4 to 25.0 W
Length	100 · 200 · 400 · 1000 mm
Protection class	IP 67
Safety class	III
Housing and cover frame made of stainless steel	
Safety glass	
Connecting cable	
A separate 24 V DC power supply unit is required to operate the luminaires.	
Unshielded light or asymmetrical light distribution or RGB recessed luminaires for additive colour mixing	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
20-year availability guarantee for LED modules	



Recessed luminaire
Unshielded light



Location luminaire
Unshielded light



Recessed luminaire
Asymmetrical light distribution



On request, we can also supply these luminaires
in the LED light colours green, blue, amber or red.



1000



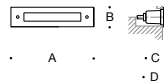
100



200



400



Unshielded light

	LED		PSU		A B C D				Installation housing
	W	lm	W	lm	A	B	C	D	
33 287	2.2	35	Without*		200	37	45	60	10 634
33 288	3.6	125	Without*		400	37	45	60	10 639
33 289	10.5	210	Without*		1000	55	45	60	10 795

Unshielded light as location luminaires

	LED		PSU		A B C D				Installation housing
	W	lm	W	lm	A	B	C	D	
33 280	0.6	2	Without*		100	37	45	60	10 633
33 281	0.4	4	Without*		200	37	45	60	10 634
33 282	0.7	15	Without*		400	37	45	60	10 639
33 283	2.3	55	Without*		1000	55	45	60	10 795

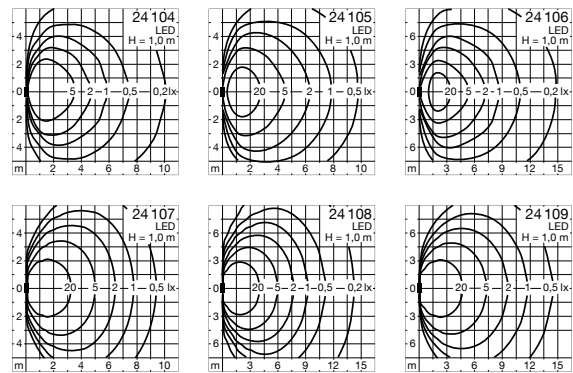
Recessed luminaires - asymmetrical light distribution

	LED		PSU		A B C D				Installation housing
	W	lm	W	lm	A	B	C	D	
33 285	3.6	170	Without*		400	55	45	60	10 561
33 286	10.5	495	Without*		1000	55	45	60	10 795

RGB recessed luminaires for additive colour mixing

	LED		PSU		A B C D				Installation housing
	W	lm	W	lm	A	B	C	D	
33 291	4.1		Without*		200	37	45	60	10 634
33 292	10.2		Without*		400	37	45	60	10 639
33 293	25.0		Without*		1000	55	45	60	10 795

* Suitable 24V DC power supply units can be found on Page 566.



Recessed luminaires **made of stainless steel for surface-mounted installation**

Large-format recessed wall luminaires with unshielded light or asymmetrical light distribution. Unshielded luminaires and luminaires with asymmetrical light distribution for glare-free illumination of ground surfaces.

The different luminaire lengths and light outputs offer a multitude of possibilities for designing with light.

Distinctive luminaires of the highest quality. Design elements that – arranged individually, in rows or in groups – enable impressive lighting solutions.

- The luminaires with **unshielded** light are suitable as location luminaires for higher ambient brightness.
- The luminaires with **asymmetrical** light distribution are particularly suitable for the glare-free spatial illumination of ground surfaces from a low mounting height with a high degree of uniformity.

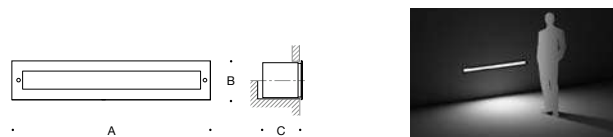
The luminaires are supplied with a recessed housing for installation in solid or hollow structures.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

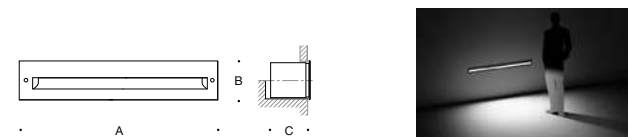
Luminaire data

Luminaire luminous flux	615 to 3595 lm
Connected wattage	11.9 to 44.6 W
Length	645 · 1245 · 1545 mm
Protection class	IP 65
Cover frames made of stainless steel	
Luminaire housing and recessed housing made of aluminium	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units.	
BEGA Thermal Management®	
Unshielded light or asymmetrical light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
20-year availability guarantee for LED modules	



Unshielded light

	LED		PSU	A	B	C	AC/DC	Recessed housing
24 104	11.9 W	615 lm	DALI	645	125	125	✓	Included
24 105	25.8 W	1375 lm	DALI	1245	125	125	✓	Included
24 106	36.4 W	1830 lm	DALI	1545	125	125	✓	Included



Asymmetrical light distribution

	LED		PSU	A	B	C	AC/DC	Recessed housing
24 107	15.9 W	1285 lm	DALI	645	125	125	✓	Included
24 108	30.8 W	2535 lm	DALI	1245	125	125	✓	Included
24 109	44.6 W	3595 lm	DALI	1545	125	125	✓	Included



House number luminaires
Light Brick – Lichtbaustein®

House number luminaires can be used for orientation both during the day and at night.

Luminaires with weatherproof numbers: as house number luminaires or with symbols and lettering for other purposes. Thanks to their low power consumption, they are particularly suitable for continuous operation.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 530 · 680 lm

Connected wattage 8.0 · 12.0 W

Size □ 210 mm

Protection class IP 44

Cast aluminium and stainless steel
Opal glass

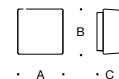
Luminaires for one to two-digit numbers
Height 120 mm

Luminaires with LED module:
BEGA AC module · Technical Data Page 11
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**

LED lamp · Colour temperature 3000 K
Included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite



House number luminaires · Light Brick – Lichtbaustein®

	LED	PSU		A	B	C
37 700	12.0 W	680 lm	AC module	210	210	120
	LED lamp included	Base				
33 768	1 × 8.0 W	530 lm	E 27	210	210	120

Technical data for BEGA LED lamps can be found on Page 564.



House number luminaires with integral twilight switch

These house number luminaires can also be used for orientation both during the day and at night. Striking and robust luminaires with a built-in twilight switch that are particularly suitable for continuous operation, thanks to their low power consumption.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	115 · 180 lm
Connected wattage	6.5 · 7.9 W
Size	□ 210 · 260 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

Luminaires for one to three-digit numbers	
33 787	for 1 to 2 numbers · H = 75 mm
33 788	for 1 to 2 numbers · H = 120 mm or 3 numbers · H = 75 mm

BEGA Ultimate Driver® · on/off

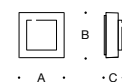
BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



House number luminaires with twilight switch

	LED	PSU	A	B	C	
33 787	6.5 W	115 lm	on/off	210	210	80
33 788	7.9 W	180 lm	on/off	260	260	90



House number luminaires
**With optional lower light emission
 and with twilight switch**

Energy-efficient for durable and cost-effective illumination:
 These wall luminaires set the tone both in terms of lighting technology and design. Supplied with weatherproof numbers for use as house number luminaires or with symbols and lettering for other purposes, these luminaires provide orientation. With the optionally available lower light emission, they additionally illuminate the wall and floor below their mounting location. These luminaires are also available with a twilight switch.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	75 · 970 lm
Connected wattage	2.5 to 10.0 W
Size	225 mm
Protection class	IP 65

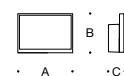
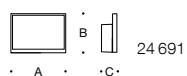
Cast aluminium, aluminium and stainless steel
 Safety glass

Luminaires for one to three-digit numbers
 Height 100 mm
 on/off or DALI-controllable power supply units
 BEGA Thermal Management®

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules



House number luminaire							
	LED		PSU		A	B	C
24 455	2.5 W	75 lm	on/off		225	160	65

House number luminaire with twilight switch							
	LED		PSU		A	B	C
24 691	3.4 W	75 lm	on/off		225	160	65

House number luminaires · Additional lower light emission							
	LED		PSU		A	B	C
24 457	9.3 W	970 lm	on/off		225	160	65
24 456	10.0 W	960 lm	DALI		225	160	65

With twilight switch · Additional lower light emission							
	LED		PSU		A	B	C
24 606	10.0 W	970 lm	on/off		225	160	65



Wall luminaires

Unshielded wall luminaires with a square layout. On account of their design, these luminaires are suitable in particular for installation on pillars, wall pillars and the front surfaces of external walls.

Wall luminaires for the illumination of impressive entrances, colonnades and wall surfaces as well as for private houses. Used singly or in groups, these are excellent design elements for a multitude of lighting applications.

Bollards that match the shape and construction of the luminaires in this series can be found on Page 276 – matching light building elements on Page 446.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	765 to 1810 lm
Connected wattage	11.5 to 21.5 W
Length	450 · 500 · 650 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cover, white

A clearance of approximately 70% of the total height B is required above the luminaire for maintenance work.

on/off power supply units

BEGA Thermal Management®

LED colour temperature
 3000K – article number + **K3**
 4000K – article number + **K4**

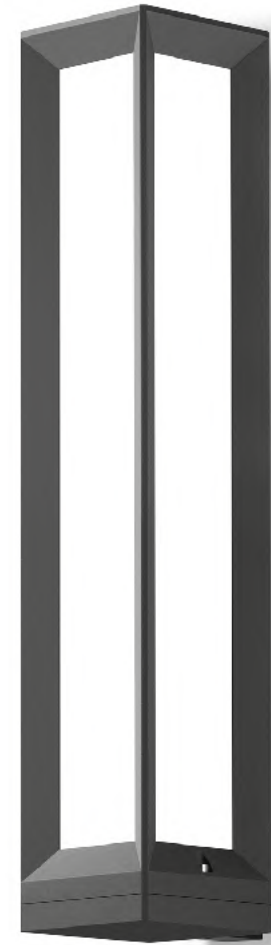
Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules





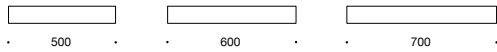
Light building elements Page 446
Bollards Page 276



Wall luminaires

	LED		PSU	A	B	C	D	AC/DC
24 504	11.5 W	765 lm	on/off	120	450	160	40	✓
24 505	14.3 W	1205 lm	on/off	140	500	180	90	✓
24 506	21.5 W	1810 lm	on/off	160	650	200	90	✓





Wall luminaires

Unshielded luminaires which, on account of their linear design, are especially suitable for installation on columns, wall pillars and the front surfaces of external walls.

For the illumination of impressive entrances or of colonnades, corridors and large wall surfaces. The small diameter and slender mounting profile also allow for installation in on-site recesses, as well as in and on profiles.

Individually or in groups, they are great design elements for a wide range of lighting applications – both indoors and out.

The luminaires can be installed in any burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1535 to 2895 lm
Connected wattage	19.0 to 27.5 W
Length	500 · 600 · 700 mm
Protection class	IP 65

Aluminium and stainless steel
Opal glass

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Wall luminaires								
	LED		PSU	A	B	C	D	AC/DC
24 590	19.0 W	1535 lm	DALI	80	500	115	40	✓
24 591	23.0 W	1945 lm	DALI	80	600	115	40	✓
24 592	27.5 W	2895 lm	DALI	80	700	115	40	✓





Ceiling, wall and pillar luminaires

Compact, unshielded luminaires with hand-blown three-ply opal glass and a luminaire housing made of stainless steel. Timeless classics and stylish design elements that – whether as individual luminaires or in group arrangements – are suitable for a wide range of lighting applications – both indoors and out.

We supply the luminaires with built-in LED modules or in versions with G9 or E 27 base complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	350 to 750 lm
Connected wattage	4.0 · 7.0 W
Size	Ø 70 · 95 · 130 mm
Protection class	IP 64

Stainless steel
Opal glass with thread

Luminaires with LED module:
on/off power supply units
BEGA Thermal Management®

Colour temperature for LED modules
3000K – article number + **K3**

LED lamps · Colour temperature 3000K
Included in the delivery

20-year availability guarantee for
LED modules



Ceiling, wall and pillar luminaires made of stainless steel

	LED	PSU	A	B	AC/DC
33 150	7.0 W	750 lm	on/off	Ø 130 260	✓
	LED lamp included	Base			
24 653	1 × 4.0 W	350 lm	G9	Ø 70 160	—
33 112	1 × 7.0 W	580 lm	E 27	Ø 95 185	—

Technical data for BEGA LED lamps can be found on Page 564.



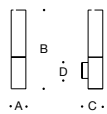
Wall luminaires

Cylindrical wall luminaires with hand-blown three-ply opal glass and a luminaire housing made of stainless steel. Whether as a single luminaire next to a door or arranged in groups on pillar or walls, these classic luminaires suit a wide range of lighting situations – both indoors and out.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	300 lm
Connected wattage	2.7 W
Size	Ø 70 mm
Protection class	IP 44
Stainless steel	
Opal glass with thread	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
20-year availability guarantee for LED modules	



Wall luminaire made of stainless steel

	LED	PSU	A	B	C	D	AC/DC
44 009	2.7 W	300 lm	on/off	70	375	100	Ø75 ✓



Wall luminaires

Wall luminaires which are shielded upwards, with housings made of cast aluminium and glass elements made of hand-blown, three-ply opal glass. Luminaires with a pleasantly soft light for a high degree of visual comfort.

Individually or in groups, they are timeless design elements for a wide range of lighting applications – both indoors and out.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	180 to 740 lm
Connected wattage	7.0 to 16.0 W
Size	Ø 220 · 270 mm
Protection class	IP 44

Cast aluminium, aluminium and stainless steel

Opal glass

Luminaires with LED module:
 BEGA AC module · Technical Data Page 11
 BEGA Thermal Management®

Colour temperature for LED modules
 3000 K – article number + **K3**

LED lamps · Colour temperature 3000 K
 Included in the delivery

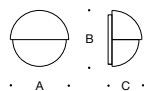
Luminaire colour · BEGA Unidure®

■ Graphite – article number

□ White – article number + **W**

20-year availability guarantee for LED modules





Wall luminaires

	LED		PSU	A	B	C
24 023	8.5 W	270 lm	AC module	220	210	130
24 024	16.0 W	740 lm	AC module	270	260	155
	LED lamp included		Base			
33 047	1 × 7.0 W	180 lm	E 27	220	210	130
33 147	1 × 12.0 W	540 lm	E 27	270	260	155

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

Light emission on two sides

Wall luminaires with a shielded light source and light emission on two sides. Luminaires in which the installation surface also serves as the reflection surface for the light emitted upwards and downwards. The direct light and reflected light from the luminaires creates a glare-free lighting atmosphere with pleasant visual comfort. Luminaires for many applications around the house and in public areas.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	255 to 890 lm
Connected wattage	4.9 to 14.2 W
Length	250 · 350 mm
Protection class	IP 65

Aluminium and stainless steel
Crystal glass, inside white

Luminaires with LED module:
BEGA Ultimate Driver®
on/off or DALI-controllable
BEGA Thermal Management®

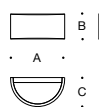
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

LED lamps · Colour temperature 3000 K
Included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for
LED modules





Wall luminaires

	LED		PSU	A	B	C	AC/DC
33 334	4.9 W	255 lm	on/off	250	115	135	✓
33 344	14.2 W	890 lm	DALI	350	140	185	✓
	LED lamp included		Base				
33 335	1 × 7.0 W	310 lm	E 27	250	115	135	—
33 345	2 × 7.0 W	670 lm	E 27	350	140	185	—

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

Light emission on two sides

Wall luminaires with shallow installation depth, a shielded light source and light emission on two sides. Luminaires in which the installation surface also serves as the reflection surface for the light emitted upwards and downwards.

Our LED technology allows us to design luminaires with compact dimensions and slim formats. These are luminaires with precise housings made of cast aluminium with flush integrated glass elements. The direct light and the reflected light of the luminaires create a glare-free lighting atmosphere with pleasant visual comfort. Luminaires for many applications around the house and in public areas.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	295 · 510 lm
Connected wattage	4.9 · 6.8 W
Length	200 · 300 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

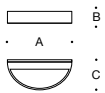
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

□ White – article number + **W**

20-year availability guarantee for LED modules



Wall luminaires

	LED	PSU		A	B	C	AC/DC
24 469	4.9 W	295 lm	on/off	200	55	120	✓
24 470	6.8 W	510 lm	on/off	300	55	140	✓



Wall luminaires

Light emission on one or two sides

Wall luminaires with shallow installation depth and a shielded light source.

Luminaires with light emission on one or two sides, where the installation surface is also a reflection surface for the light emitted.

Our LED technology allows us to design luminaires with compact dimensions and slim formats.

These are luminaires with precise housings made of cast aluminium with flush integrated glass elements.

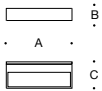
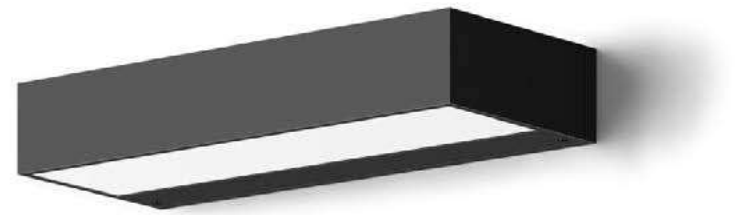
The direct light and the reflected light of the luminaires create a glare-free lighting atmosphere with pleasant visual comfort. Luminaires for many applications around the house and in public areas.

The luminaires can be mounted in any burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	230 to 515 lm
Connected wattage	4.9 · 6.8 W
Length	200 · 300 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
□ White – article number + W	
20-year availability guarantee for LED modules	



Light emission **on one side**

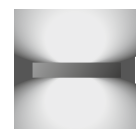
	LED	PSU	A	B	C	AC/DC
24 471	4.9 W 230 lm	on/off	200	55	120	✓
24 472	6.8 W 425 lm	on/off	300	55	120	✓

Light emission **on two sides**

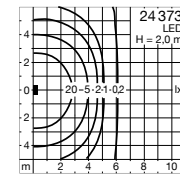
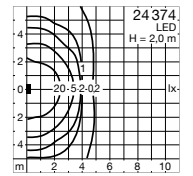
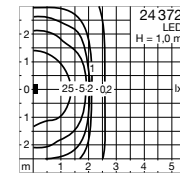
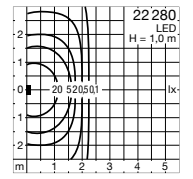
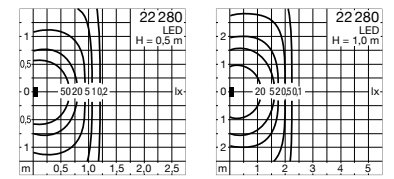
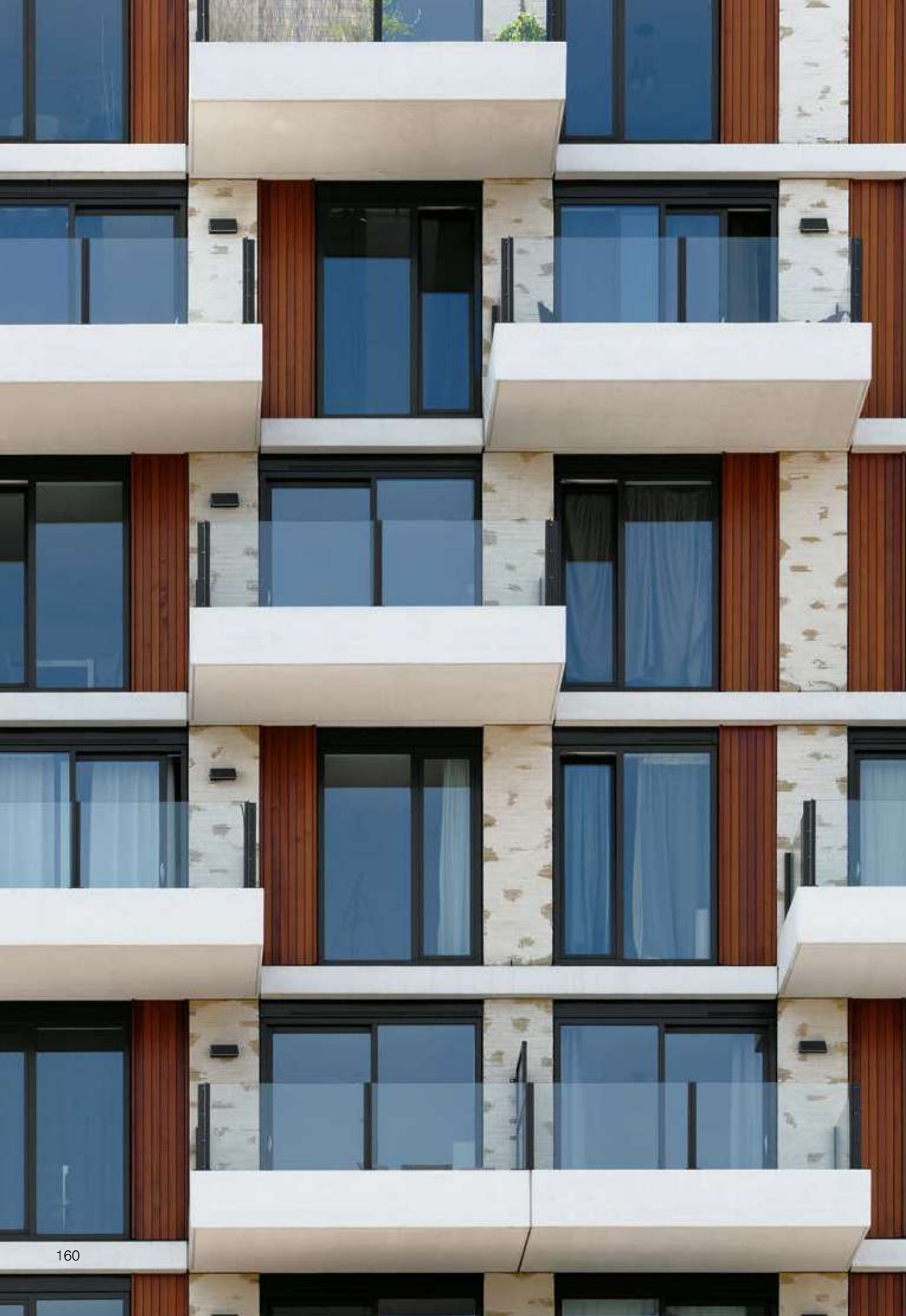
	LED	PSU	A	B	C	AC/DC
24 473	4.9 W 310 lm	on/off	200	55	120	✓
24 474	6.8 W 515 lm	on/off	300	55	120	✓



On one side



On two sides



Luminaire data

Luminaire luminous flux 175 to 1805 lm

Luminous flux in the upper half-space < 1%

Connected wattage 2.7 to 21.2 W

Length 160 · 200 · 300 · 400 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

on/off or DALI-controllable power supply units

BEGA Thermal Management®

The luminaires must be mounted with the light emission directed downwards.

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



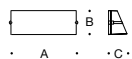
Wall luminaires Directed light

Compact luminaires in four sizes.
Wall luminaires with light directed downwards, suitable for different installation heights. These are robust luminaires with a small overhang.
Installed at a low height, they are also suitable for illuminating potential hazards, such as steps in public and private areas. Luminaires for indoors and outdoors which make important areas visible in the dark or at low levels of illumination.

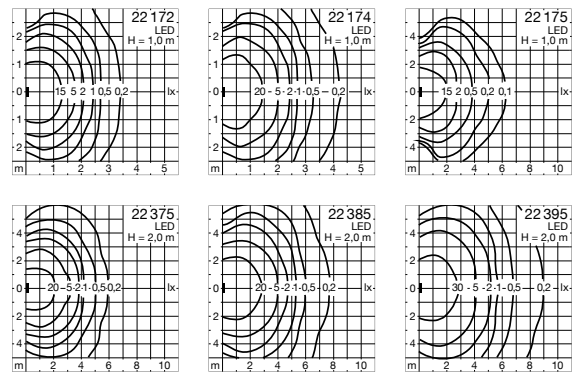
The luminaires must be mounted with the light emission directed downwards.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



Wall luminaires							
	LED		PSU	A	B	C	AC/DC
22 280	2.7 W	175 lm	on/off	160	70	55	✓
24 372	7.2 W	505 lm	on/off	200	110	85	✓
24 374	15.2 W	1075 lm	DALI	300	110	85	✓
24 373	21.2 W	1805 lm	DALI	400	120	100	✓



Wall luminaires Directed light

Compact and robust LED luminaires in three sizes.

The luminaires in this series are available in one size and with two different light outputs:

- As location luminaires for areas and situations with low ambient brightness, to render important surfaces and areas visible and to highlight potential hazards
- As wall luminaires for areas and situations that require a higher degree of illuminance, e.g. where ambient brightness is high

Luminaires for different installation heights and a wide range of applications – both indoors and out. Given their small overhang, they are also suitable for low installation heights in public areas.

The luminaires must be mounted with the light emission directed downwards.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

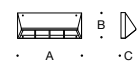
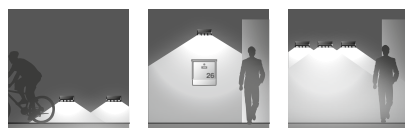
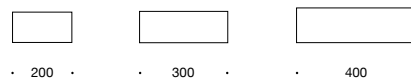
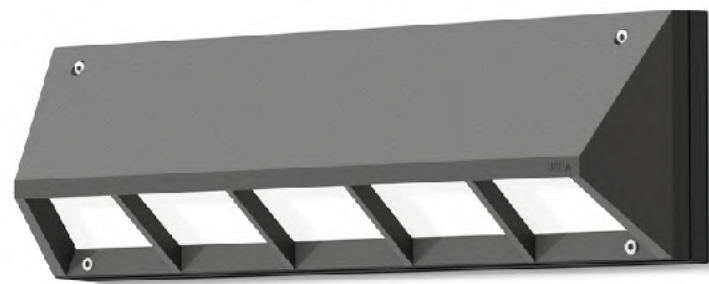
Luminaire data

Luminaire luminous flux	160 to 1530 lm
Connected wattage	2.8 to 21.2 W
Length	200 · 300 · 400 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	

Luminaire colour · BEGA Unidure®

- Graphite – article number
- Silver – article number + **A**

20-year availability guarantee for LED modules



Location luminaires

	LED	PSU	A	B	C	AC/DC	
22 172	2.8 W	160 lm	on/off	200	120	75	✓
22 174	5.0 W	335 lm	on/off	300	120	75	✓
22 175	7.0 W	535 lm	on/off	400	120	75	✓

Wall luminaires

	LED	PSU	A	B	C	AC/DC	
22 375	7.2 W	405 lm	on/off	200	120	75	✓
22 385	15.2 W	940 lm	DALI	300	120	75	✓
22 395	21.2 W	1530 lm	DALI	400	120	75	✓



Wall luminaires Directed light

Compact luminaires in two housing lengths and with two different light outputs.

Luminaires with shallow overhang for different installation heights.

As single luminaires with a low mounting height, they can be used for marking danger areas, or in rows for illuminating corridors and passageways – indoors and outdoors.

Installed at greater mounting heights, they can be used as wall luminaires next to house entrances, as well as for illuminating smaller wall surfaces.

The luminaires must be mounted with the light emission directed downwards.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	170 · 360 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	2.7 · 5.3 W
Length	90 · 175 mm
Protection class	IP 64

Cast aluminium, aluminium and stainless steel

Safety glass

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

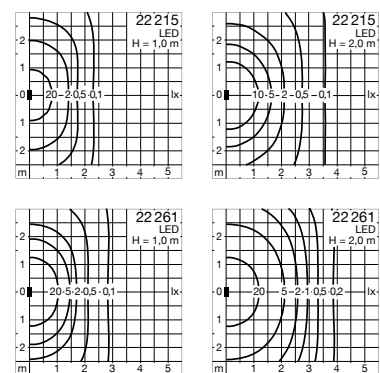
4000 K – article number + **K4**

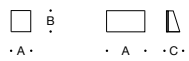
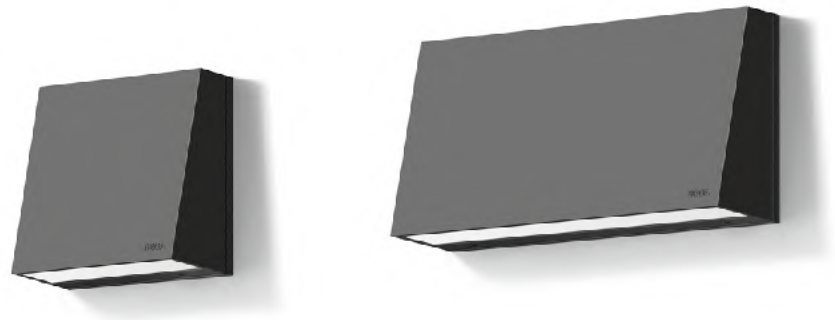
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules





Wall luminaires

	LED	PSU	A	B	C	AC/DC	
22 215	2.7 W	170 lm	on/off	90	95	60	✓
22 261	5.3 W	360 lm	on/off	175	95	60	✓





Wall luminaires Directed light

Shielded wall luminaires with directed light which, on account of their compact dimensions, are particularly suitable for installation on pillars and the front surfaces of external walls.

Luminaires for different installation heights and many different uses in private and public areas. As single luminaires with a low mounting height, they can be used for marking danger areas – in rows for illuminating corridors and passageways.

The luminaires must be mounted with the light emission directed downwards.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	195 · 205 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	2.8 · 4.1 W
Length	140 · 200 mm
Protection class	IP 64

Cast aluminium, aluminium and stainless steel

Safety glass

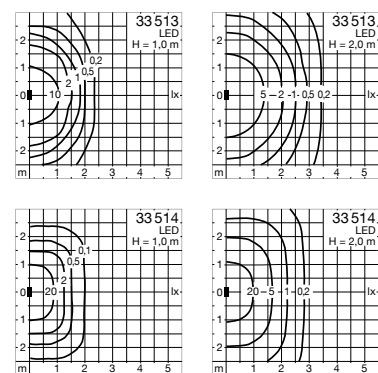
BEGA Ultimate Driver® · on/off

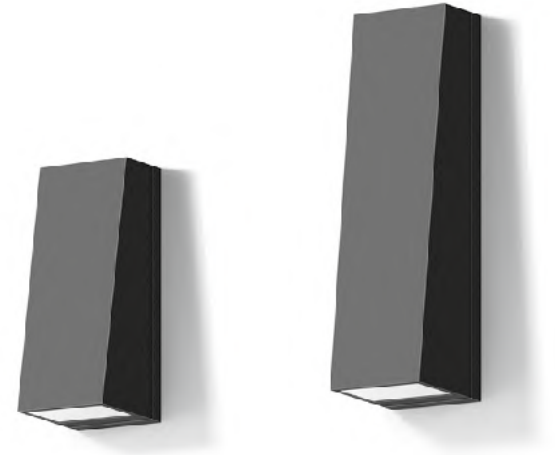
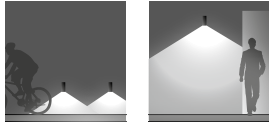
BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules





Wall luminaires

	LED	PSU	A	B	C	AC/DC	
33513	2.8 W	195 lm	on/off	55	140	60	✓
33514	4.1 W	205 lm	on/off	55	200	60	✓





Wall luminaires

Light emission on one or two sides

Compact LED luminaires with light emission on one or two sides.

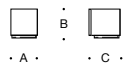
The design of these luminaires is influenced by the thick-walled partially frosted crystal glass with its impressive light graphics. Whether as individual luminaires or arranged in rows, they provide striking illumination of both public and private buildings.

Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

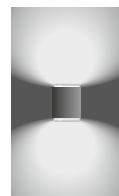
Luminaire data

Luminaire luminous flux	215 to 700 lm
Connected wattage	5.0 to 19.8 W
Size	90 · 120 mm
Protection class	IP 64
Cast aluminium, aluminium and stainless steel	
Crystal glass, inside white	
on/off or DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	3000 K – article number + K3
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Light emission on **one side**

	LED	PSU	A	B	C	AC/DC	
33 405	5.0 W	215 lm	on/off	90	110	110	✓
33 449	10.0 W	420 lm	on/off	120	140	140	✓



Light emission on **two sides**

	LED	PSU	A	B	C	AC/DC	
33 505	6.9 W	235 lm	on/off	90	120	110	✓
33 549	19.8 W	700 lm	DALI	120	155	140	✓



Wall luminaires Directed light

Compact wall luminaires with light emission on one side.

The flush luminaire glass distributes the light evenly over the illuminated surface and the installation surface in a very wide beam. Whether as single luminaires or lined up in rows – they illuminate and accentuate wall surfaces and architectural details around the house.

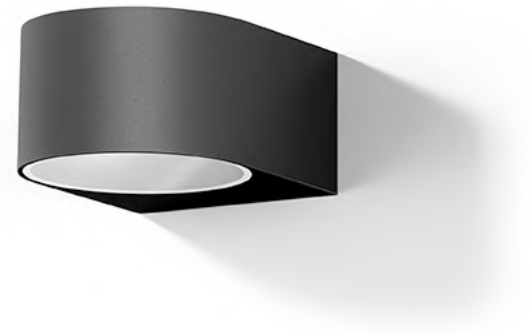
The luminaires can be installed in any burning position.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires when mounted with the light emission directed downwards. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

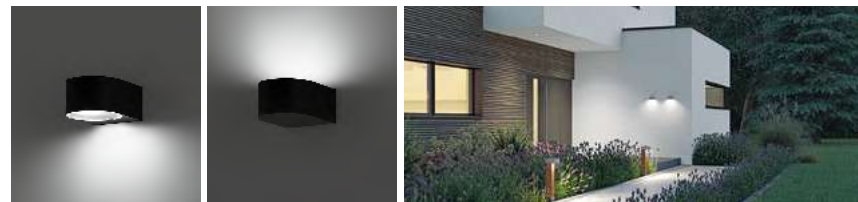
Luminaire data

Luminaire luminous flux	365 · 555 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	4.1 · 5.0 W
Size	100 · 140 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
LED colour temperature	3000 K – article number + K3
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Wall luminaires

	LED	PSU	A	B	C	AC/DC
33 223	4.1 W 365 lm	on/off	100	60	130	✓
33 224	5.0 W 555 lm	on/off	140	60	185	✓



The luminaires can be installed in any burning position.



Wall luminaires

Four different light emissions

Wall luminaires in various versions that create light accents on wall surfaces. Depending on the ambient brightness, they allow for creative night-time wall and surface illumination.

Luminaires in different sizes that can be mounted in any burning position. Our LED technology and a light-directing reflector make these compact luminaires, with a small overhang, possible. Cost-effective luminaires with which a multitude of design variants and numerous light graphics can be realised. For striking wall lighting with low ambient brightness in private areas.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	130 to 1345 lm
Connected wattage	6.9 to 23.3 W
Size	Ø 145 · 190 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Borosilicate glass

Reflector surface made of pure aluminium

on/off power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

□ White – article number + **W**

20-year availability guarantee for LED modules



90° light emission · 15° light emission

	LED	PSU	A	B	AC/DC
24 048	6.9 W 130 lm	on/off	145	65	✓
24 049	12.5 W 230 lm	on/off	190	80	✓



90° light emission

	LED	PSU	A	B	AC/DC
24 052	6.9 W 140 lm	on/off	145	65	✓
24 055	12.5 W 240 lm	on/off	190	80	✓



180° light emission

	LED	PSU	A	B	AC/DC
24 051	6.9 W 260 lm	on/off	145	65	✓
24 054	12.5 W 465 lm	on/off	190	80	✓



360° light emission

	LED	PSU	A	B	AC/DC
24 050	13.8 W 735 lm	on/off	145	65	✓
24 053	23.3 W 1345 lm	on/off	190	80	✓



Ceiling and wall luminaires

Light emission on one or two sides

Robust wall luminaires with a shielded light source. Optionally available with light emission on one or two sides. Luminaires for which the installation surface also acts as a reflection surface for the light emitted. The direct light and reflected light from the luminaires creates a glare-free lighting atmosphere with pleasant visual comfort. Luminaires for many applications around the house and in public areas.

Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	100 to 1730 lm
Connected wattage	7.0 to 18.5 W
Length	200 · 300 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Luminaires with LED module:
on/off power supply units
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**
4000 K – article number + **K4**

LED lamps · Colour temperature 3000 K
Included in the delivery

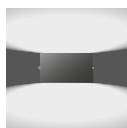
Luminaire colour · BEGA Unidure®

■	Graphite	– article number
■	Silver	– article number + A
□	White	– article number + W

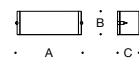
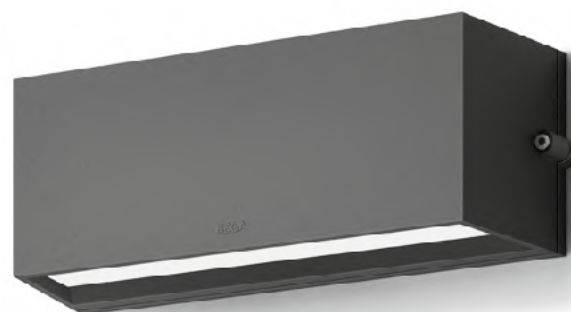
20-year availability guarantee for LED modules



On one side



On two sides



Light emission **on one side**

	LED	PSU	A	B	C	AC/DC	
22 359	10.0 W	480 lm	on/off	200	110	100	✓
22 360	18.5 W	1065 lm	on/off	300	110	100	✓
	LED lamp included	Base					
22 396	1 × 7.0 W	100 lm	E 27	200	110	100	—
22 398	2 × 7.0 W	130 lm	E 27	300	110	100	—

Light emission **on two sides**

	LED	PSU	A	B	C	AC/DC	
22 363	10.0 W	730 lm	on/off	200	110	100	✓
22 365	18.5 W	1730 lm	on/off	300	110	100	✓
	LED lamp included	Base					
22 397	1 × 7.0 W	160 lm	E 27	200	110	100	—
22 399	2 × 7.0 W	320 lm	E 27	300	110	100	—

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

A series of compact and efficient wall luminaires.

Thick-walled crystal glass with impressive ice edges is combined with a cast aluminium housing to create a formal unity. These lighting components appear contemporary, streamlined and perfectly proportioned, both by day and by night. Cost-effective and aesthetic structural details for good light.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	300 to 1185 lm
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Connected wattage	4.9 to 13.3 W
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Size	120 · 170 · 240 mm
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Protection class	IP 65
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Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

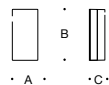
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

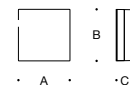
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Wall luminaire · Rectangular

	LED	PSU	A	B	C	AC/DC
33 604	4.9 W 300 lm	on/off	120	240	75	✓



Wall luminaires · Square

	LED	PSU	A	B	C	AC/DC
33 601	6.7 W 640 lm	on/off	170	170	70	✓
33 602	13.3 W 1185 lm	DALI	240	240	75	✓



Wall luminaires

Shielded on one side

Wall luminaires shielded on one side and perfectly adapted to our LED technology. Luminaires with a small overhang and clear-cut lines. Contemporary in design and economical in operation, they are durable and aesthetically pleasing structural details, designed for effective lighting.

Wall luminaires which, whether arranged individually or in groups, can be used for numerous lighting applications around the home and in other private or public areas. You can find luminaires with the same dimensions but shielded on two sides on Page 180.

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request.

This allows house numbers and notices to be read easily, even from great distances – by day and by night.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 300 to 1015 lm

Connected wattage 4.0 to 13.5 W

Size 180 · 240 · 280 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

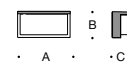
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

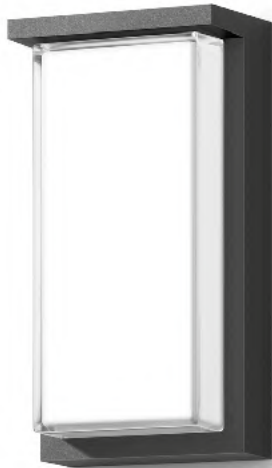
■ Silver – article number + **A**

20-year availability guarantee for LED modules



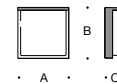
Wall luminaires · Rectangular

	LED	PSU		A	B	C	AC/DC
24 338	4.0 W	300 lm	on/off	180	100	70	✓
24 339	6.8 W	610 lm	on/off	240	120	85	✓
24 340	9.8 W	910 lm	on/off	280	130	85	✓



Wall luminaires · Rectangular

	LED	PSU		A	B	C	AC/DC
24 335	4.0 W	345 lm	on/off	100	180	70	✓
24 336	6.8 W	680 lm	on/off	120	240	85	✓
24 337	9.8 W	1010 lm	on/off	130	280	85	✓



Wall luminaires · Square

	LED	PSU		A	B	C	AC/DC
24 132	6.7 W	575 lm	on/off	180	180	70	✓
24 070	13.5 W	1015 lm	on/off	240	240	85	✓



Wall luminaires

Shielded on two sides

Wall luminaires shielded on two sides and perfectly adapted to our LED technology. Luminaires with a small overhang and clear-cut lines.

Contemporary in design and economical in operation, they are durable and aesthetically pleasing structural details, designed for effective lighting. Wall luminaires which, whether arranged individually or in groups, can be used for numerous lighting applications around the home and in other private or public areas. The luminaires in this series can be shielded at the top and bottom or to the right and left, depending on how they are installed.

You can find luminaires with the same dimensions but shielded on one side on Page 178.

The luminaires in this series are also available with weatherproof numbers, symbols or lettering on request.

For improved visibility of house numbers and signs from greater distances – by day and by night.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 325 to 965 lm

Connected wattage 4.0 to 13.5 W

Size 180 · 240 · 280 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

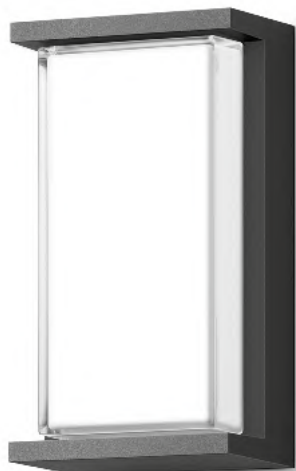
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

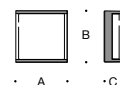
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Wall luminaires · Rectangular

	LED	PSU	A	B	C	AC/DC	
24 341	4.0 W	325 lm	on/off	100	180	70	✓
24 342	6.8 W	640 lm	on/off	120	240	85	✓
24 343	9.8 W	965 lm	on/off	130	280	85	✓



Wall luminaires · Square

	LED	PSU	A	B	C	AC/DC	
24 133	6.7 W	540 lm	on/off	180	180	70	✓
24 071	13.5 W	935 lm	on/off	240	240	85	✓



Impact-resistant wall luminaires
With optional PIR motion and light sensor

Characteristic of a whole series of luminaires in the BEGA range of products – and meanwhile for many luminaires by other manufacturers all over the world. Luminaires that have become the absolute standard for outdoor luminaires.

We have been producing this series, which received its first international design award back in 1980, for more than 40 years, while continually improving its technical features. The design of the luminaires has remained practically unchanged to this day.

We have developed these luminaires further and perfectly adapted their structure and design to our LED technology. We have taken a restrained approach to updating their design in order to preserve their status as absolute classics.

Luminaires in this series, with **passive infrared motion and light sensor**, react to thermal radiation in the dark, switching on when people or animals are detected in the vicinity of the luminaire. They are easily and conveniently parametrised via Bluetooth® and the free BEGA Tool app.

In this way, individual light levels can be easily and conveniently defined for specific modes.

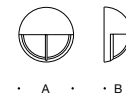
Please note:

The luminaires with DALI power supply unit and sensor are designed for operation in an existing DALI system. If the luminaires are not to be operated in a DALI system, a DALI power supply 71 094 or 70 866 is required. Options for changing the default settings can be found in the instructions for use of the luminaires.

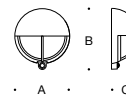
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	275 to 645 lm
Connected wattage	5.0 to 10.5 W
Size	Ø200 · 260 mm
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Crystal glass, inside white	
on/off or DALI-controllable power supply units BEGA Thermal Management®	
With optional PIR motion and light sensor	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
□ White – article number + W	
20-year availability guarantee for LED modules	



Wall luminaires						
	LED		PSU	A	B	AC/DC
24 344	5.0 W	275 lm	on/off	200	100	✓
24 346	10.5 W	645 lm	DALI	260	135	✓



Wall luminaires · With PIR motion and light sensor							
	LED		PSU	A	B	C	AC/DC
24 572	8.8 W	605 lm	on/off	260	290	135	✓
24 347	10.5 W	645 lm	DALI	260	290	135	✓



Luminaires with passive infrared motion and light sensor

* Light level adjustable with BEGA Tool app



Impact-resistant wall luminaires
and ceiling luminaires
Unshielded or shielded light

Impact-resistant luminaires made of cast aluminium and crystal glass. Optionally unshielded or shielded upwards. A variety of sizes and light outputs makes these luminaires extremely versatile. Its range of possible applications is also extended by its high protection class. Individually or in groups, they are great design elements for a wide range of lighting applications – both indoors and out.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 190 to 950 lm

Connected wattage 5.0 to 14.0 W

Size 210 · 280 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

Luminaires with LED module:
BEGA Ultimate Driver® · on/off
BEGA Thermal Management®

Colour temperature for LED modules

3000 K – article number + **K3**

4000 K – article number + **K4**

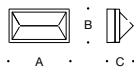
LED lamps · Colour temperature 3000 K
Included in the delivery

Luminaire colour · BEGA Unidure®

■ Graphite – article number

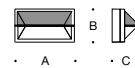
■ Silver – article number + **A**

20-year availability guarantee for
LED modules



Wall and ceiling luminaires · Unshielded light

	LED		PSU	A	B	C	AC/DC
24 598	5.0 W	410 lm	on/off	210	120	100	✓
24 599	6.9 W	440 lm	on/off	280	160	125	✓
	LED lamp included		Base				
22 601	1 × 7.0 W	425 lm	E 27	210	120	100	—
22 603	2 × 7.0 W	950 lm	E 27	280	160	125	—



Wall luminaires · Shielded light

	LED		PSU	A	B	C	AC/DC
22 649	5.0 W	255 lm	on/off	210	120	110	✓
22 656	6.9 W	340 lm	on/off	280	160	135	✓
	LED lamp included		Base				
22 611	1 × 7.0 W	190 lm	E 27	210	120	110	—
22 613	2 × 7.0 W	430 lm	E 27	280	160	135	—

Technical data for BEGA LED lamps can be found on Page 564.



On one side



On two sides

Wall washers **Light emission on one or two sides**

Compact wall washers with shielded light source that emit their light in either one or two directions.

A precise reflector inside the housing directs the light of the LED onto the mounting surface without any glare at all. The direct and reflected light of the luminaires creates a pleasant lighting atmosphere with high visual comfort. Luminaires for many applications around the house and in public areas.

Luminaire 24 370 must be mounted with the light emission directed downwards.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	420 to 2040 lm
Connected wattage	10.0 to 37.5 W
Size	120 · 180 mm

24 370 · 24 371 protection class	IP 64
24 134 · 24 135 protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

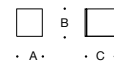
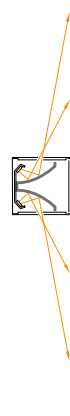
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

□ White – article number + **W**

20-year availability guarantee for LED modules



Light emission on one side							
	LED	PSU	A	B	C	AC/DC	
24 370	10.0 W	420 lm	on/off	120	130	140	✓
24 134	18.7 W	1080 lm	DALI	180	180	175	✓

Light emission on two sides							
	LED	PSU	A	B	C	AC/DC	
24 371	19.6 W	805 lm	on/off	120	130	140	✓
24 135	37.5 W	2040 lm	DALI	180	180	175	✓



Wall luminaires Directed light

Compact, robust wall luminaires with rotationally symmetrical light distribution. Luminaires in different sizes for numerous lighting applications. This luminaire series is ideal for uniformly illuminating areas in front of the installation surface. The smallest variant in this series is particularly suitable for highlighting potential hazards from a low installation height and for orientation lighting.

The luminaires must be mounted with the light emission directed downwards.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires.

The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	340 to 2020 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	5.1 to 24.8 W
Size	130 · 190 · 230 mm
Protection class	IP 64

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

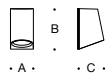
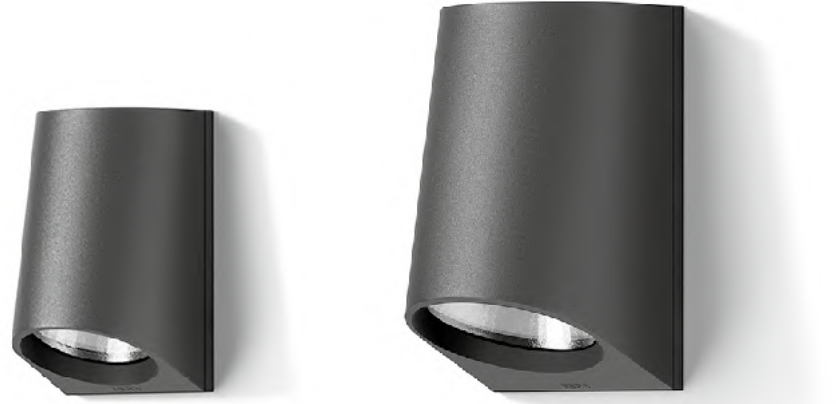
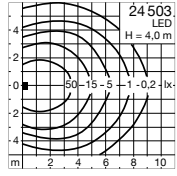
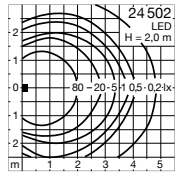
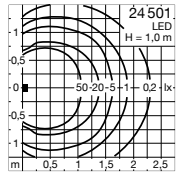
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

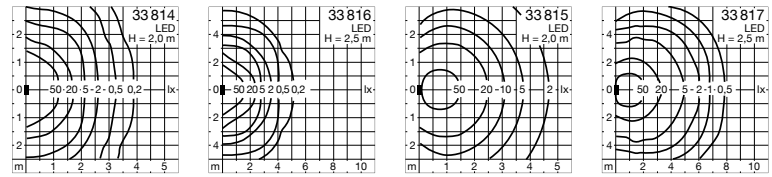
20-year availability guarantee for LED modules



Wall luminaires

	LED		PSU	A	B	C	AC/DC
24 501	5.1 W	340 lm	on/off	75	130	80	✓
24 502	17.0 W	1215 lm	DALI	110	190	120	✓
24 503	24.8 W	2020 lm	DALI	130	230	150	✓





Wall luminaires Symmetrical or asymmetrical light distribution

Shielded wall luminaires with symmetrical or asymmetrical light distribution, which are particularly suitable for installation on pillars and front surfaces of walls, thanks to their compact dimensions.

With our LED technology, we are continuing the design idea of the previous successful luminaires. Compact, efficient and ideally equipped for long and economical operating times – these luminaires embody the consistent implementation of LED technology.

For different installation heights and many different uses in private and public areas.

The luminaires must be mounted with the light emission directed downwards.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires.

The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	625 to 1730 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	9.7 · 16.0 W
Size	190 · 230 mm
Protection class	IP 64
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units.	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

Light distribution

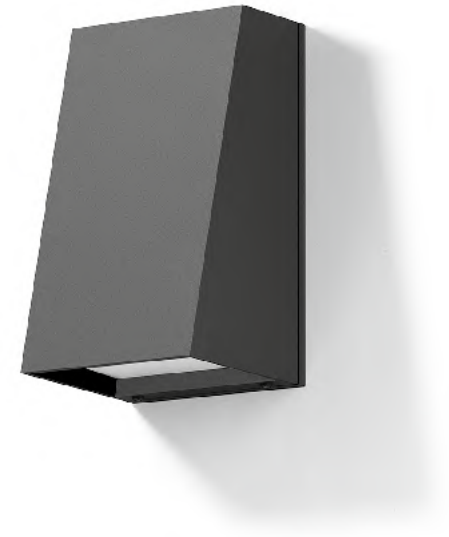




Symmetrical light distribution



Asymmetrical light distribution



Symmetrical light distribution

	LED	PSU	A	B	C	AC/DC	
33814	9.7 W	785 lm	DALI	110	190	110	✓
33816	16.0 W	1730 lm	DALI	130	230	135	✓

Asymmetrical light distribution

	LED	PSU	A	B	C	AC/DC	
33815	9.7 W	625 lm	DALI	110	190	110	✓
33817	16.0 W	1390 lm	DALI	130	230	135	✓



Wall luminaires

Symmetrical or asymmetrical light distribution

We have been producing these luminaires for over 30 years now and have continuously improved them technically. They are among the luminaires that define the design of the BEGA range – the inspiration for many luminaires around the world.

We are now continuing the successful design of these compact and efficient wall luminaires with our efficient LED technology.

- With **symmetrical** light distribution, they can be used to illuminate wall surfaces. Here, the mounting surface also acts as a reflection surface.
- Luminaires with **asymmetrical** light distribution primarily illuminate the floor adjacent to the installation surface.

The luminaires must be mounted with the light emission directed downwards.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 750 to 4235 lm

Luminous flux in the upper half-space < 1%

Connected wattage 11.0 to 34.0 W

Size □ 200 · 280 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

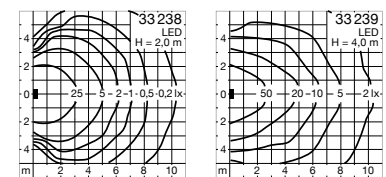
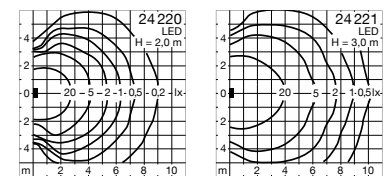
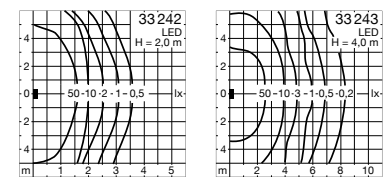
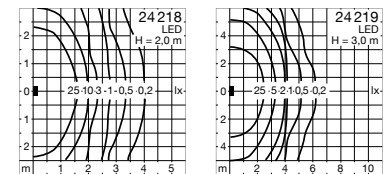
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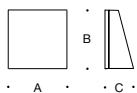
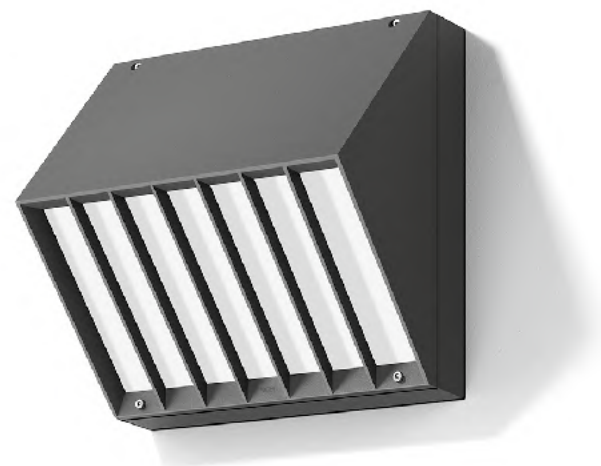
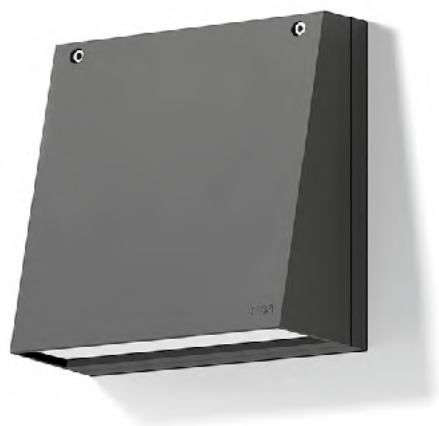
■ Silver – article number + **A**

20-year availability guarantee for

LED modules

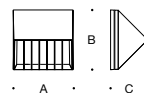
Light distribution






Symmetrical light distribution

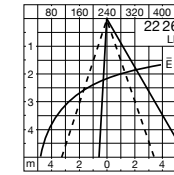
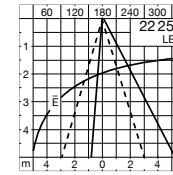
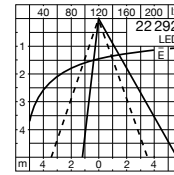
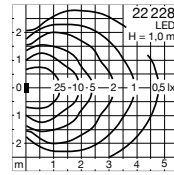
	LED		PSU	A	B	C	AC/DC
24 218	11.0 W	940 lm	on/off	200	200	95	✓
24 219	15.8 W	1760 lm	on/off	280	280	135	✓
33 242	20.0 W	2445 lm	DALI	200	200	95	✓
33 243	34.0 W	4235 lm	DALI	280	280	135	✓



Asymmetrical light distribution

	LED		PSU	A	B	C	AC/DC
24 220	11.0 W	750 lm	on/off	200	200	135	✓
24 221	15.8 W	1465 lm	on/off	280	280	175	✓
33 238	20.0 W	1785 lm	DALI	200	200	135	✓
33 239	34.0 W	3685 lm	DALI	280	280	175	✓

 Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Wall luminaires
Directed light
Asymmetrical light distribution

Compact and robust wall luminaires for illuminating ground surfaces in front of walls and buildings. Luminaires in different sizes and light outputs for a host of lighting applications.

Luminaire 22 228 from this series is installed at low heights to mark danger points such as steps or to provide guiding illumination along paths.

These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

The luminaires must be mounted with the light emission directed downwards.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	165 to 3555 lm
Connected wattage	4.0 to 34.0 W
Size	<input type="checkbox"/> 120 · 160 · 200 · 280 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
 Safety glass
 Reflector made of pure anodised aluminium
 on/off or DALI-controllable power supply units

BEGA Thermal Management®

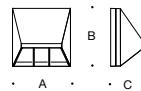
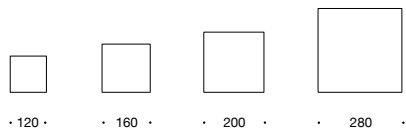
LED colour temperature
 3000K – article number + **K3**
 4000K – article number + **K4**

Luminaire colour · BEGA Unidure®
 Graphite – article number
 Silver – article number + **A**

20-year availability guarantee for LED modules


Light distribution





Wall luminaires

	LED	PSU	A	B	C	AC/DC	
22 228	4.0 W	165 lm	on/off	120	120	70	✓
22 292	9.4 W	625 lm	on/off	160	160	95	✓
22 256	20.0 W	1750 lm	DALI	200	200	115	✓
22 260	34.0 W	3555 lm	DALI	280	280	150	✓

 Emergency lighting luminaires with single emergency lighting battery from this series can be found at: bega.com/emergency-lighting



Wall luminaires · Surface washers

Symmetrical or asymmetrical light distribution

Compact and efficient wall washers, available with either symmetrical or asymmetrical light distribution.

- The luminaires with **symmetrical** light distribution are used to illuminate wall surfaces. Here, the mounting surface also acts as a reflection surface.
- Depending on the beam direction, the luminaires with **asymmetrical** light distribution primarily illuminate the surfaces bordering the installation surface, such as ceilings, vaults, canopies, cantilever plates or ground surfaces.

Flush safety glass which reduces the accumulation of dirt and water are the norm for these luminaires. These are durable construction details that prove convincing thanks to maximum standards of lighting and structural quality.

The luminaires can be installed in any burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1725 to 3985 lm

Connected wattage 19.2 · 37.0 W

Length 260 · 320 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

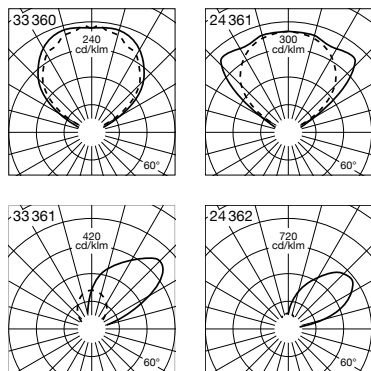
■ Silver – article number + **A**

□ White – article number + **W**

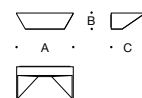
20-year availability guarantee for LED modules

Light distribution





The luminaires can be installed with light emission either upwards or downwards.



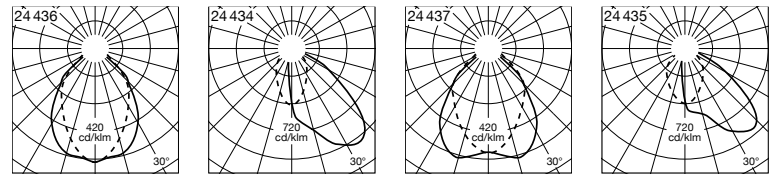
Symmetrical light distribution

	LED	PSU	A	B	C	AC/DC	
33360	19.2 W	1890 lm	DALI	260	75	155	✓
24361	37.0 W	3985 lm	DALI	320	105	190	✓



Asymmetrical light distribution

	LED	PSU	A	B	C	AC/DC	
33361	19.2 W	1725 lm	DALI	260	75	155	✓
24362	37.0 W	3725 lm	DALI	320	105	190	✓



Wall luminaires · Surface washers

Symmetrical or asymmetrical light distribution

Compact and efficient wall washers, available with either symmetrical or asymmetrical light distribution.

- The luminaires with **symmetrical** light distribution are used to illuminate large wall surfaces, whereby the mounting surface also acts as a reflection surface.
- Depending on the burning position, the luminaires with **asymmetrical** light distribution primarily illuminate the surfaces bordering the installation surface, such as ceilings, vaults, canopies, cantilever plates or ground surfaces.

Flush safety glass prevents dirt and water from accumulating on the luminaires. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

The luminaires can be installed with light emission either upwards or downwards.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2815 to 4880 lm
Connected wattage	20.5 · 32.5 W
Size	165 · 260 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

- Graphite – article number
- Silver – article number + **A**
- White – article number + **W**

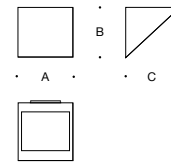
20-year availability guarantee for LED modules

Light distribution





The luminaires can be installed with light emission either upwards or downwards.



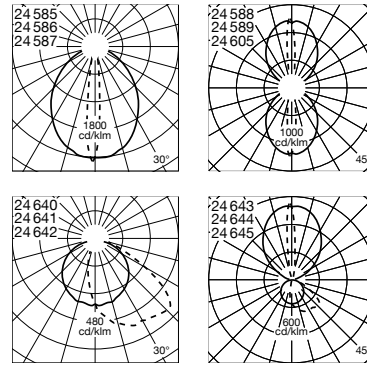
Symmetrical light distribution

	LED	PSU	A	B	C	AC/DC	
24 436	20.5 W	2825 lm	DALI	165	165	180	✓
24 437	32.5 W	4880 lm	DALI	260	215	240	✓



Asymmetrical light distribution

	LED	PSU	A	B	C	AC/DC	
24 434	20.5 W	2815 lm	DALI	165	165	180	✓
24 435	32.5 W	4770 lm	DALI	260	215	240	✓



Linear wall luminaires · Surface washers

Light emission on one or two sides
Symmetrical or asymmetrical light
distribution

A new luminaire series in three lengths and with light emission on one or two sides. Wall luminaires with a high protection class for use both indoors and out. Whether arranged individually, in rows or in groups, these are illuminating design elements that make interesting lighting concepts possible.

The luminaires can be used independent of the burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1400 to 8435 lm
Connected wattage	26.0 to 104.0 W
Length	630 · 930 · 1230 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

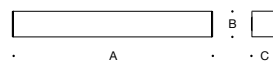
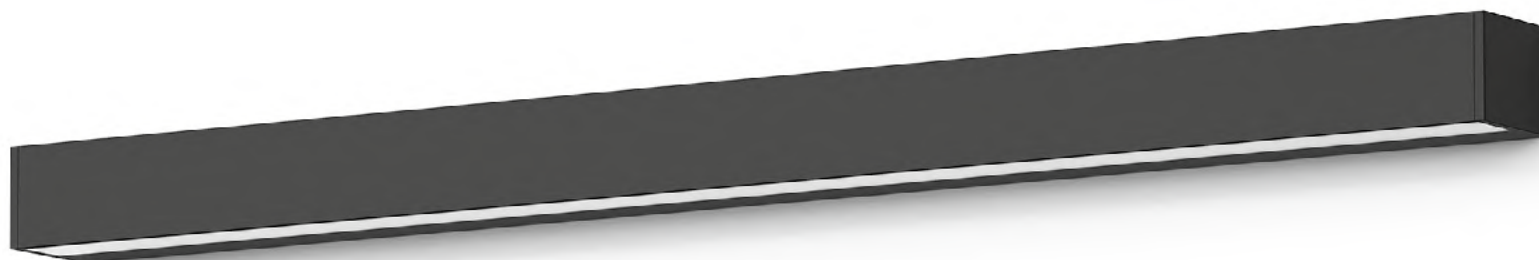
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

Light distribution





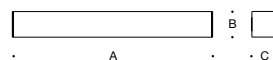
Wall washers · Light emission **on one side**



Symmetrical	LED	PSU	A	B	C	AC/DC	
24 585	26.0 W	1400 lm	DALI	630	105	110	✓
24 586	39.0 W	2085 lm	DALI	930	105	110	✓
24 587	52.0 W	2785 lm	DALI	1230	105	110	✓



Asymmetrical	LED	PSU	A	B	C	AC/DC	
24 640	26.0 W	2825 lm	DALI	630	105	110	✓
24 641	39.0 W	4235 lm	DALI	930	105	110	✓
24 642	52.0 W	5650 lm	DALI	1230	105	110	✓



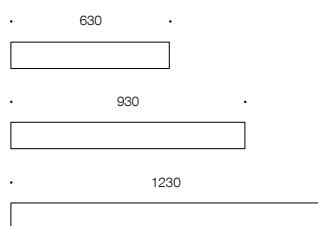
Wall washers · Light emission **on two sides · Symmetrical upwards**

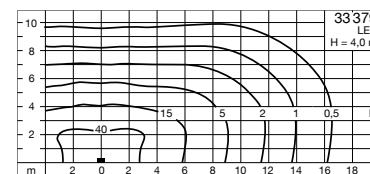
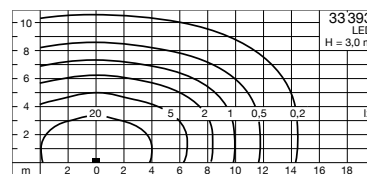
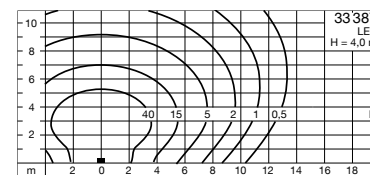
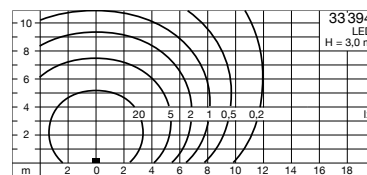
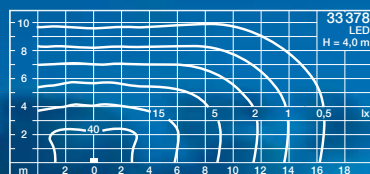
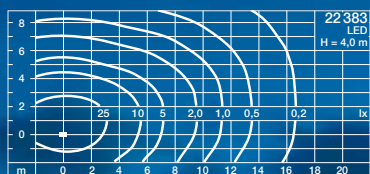
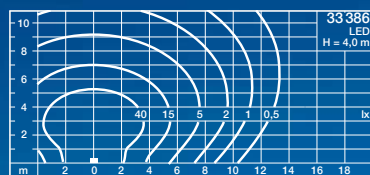
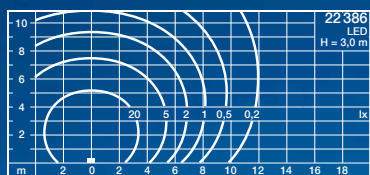


Symmetrical	LED	PSU	A	B	C	AC/DC	
24 588	52.0 W	2800 lm	DALI	630	105	110	✓
24 589	78.0 W	4170 lm	DALI	930	105	110	✓
24 605	104.0 W	5570 lm	DALI	1230	105	110	✓



Asymmetrical	LED	PSU	A	B	C	AC/DC	
24 643	52.0 W	4225 lm	DALI	630	105	110	✓
24 644	78.0 W	6320 lm	DALI	930	105	110	✓
24 645	104.0 W	8435 lm	DALI	1230	105	110	✓





Wall luminaires · Surface washers

Light emission on one or two sides

Symmetrical, asymmetrical or flat beam light distribution

Luminaires with a wide range of applications in façade and area lighting. Available with light emission on one or two sides.

The wall luminaires with light emission on two sides always have one light emission with symmetrical light distribution and a second light emission with symmetrical, asymmetrical or flat beam light distribution.

- The **symmetrical** light distribution is used to illuminate façade and wall surfaces, whereby the mounting surface also acts as a reflection surface.
- The **asymmetrical** light distribution illuminates the ground surfaces in front of walls and façades. Here, the main focus is on the spatial illumination of the ground surfaces.
- The **flat beam** light distribution is used to illuminate ground surfaces in front of walls and façades. Here, the main focus is on the flat beam illumination of the surfaces near the building.

Economical luminaires with high luminous efficiency, low connected wattage and a long LED service life.

The luminaires can be installed in any burning position. This makes it possible to illuminate surfaces adjacent to the installation surface, such as ceilings, vaults, canopies and cantilever plates.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2445 to 9905 lm

Connected wattage 17.8 to 66.0 W

Size 240 · 250 · 320 · 330 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel
Safety glass

Reflector made of pure anodised aluminium

Luminaires with light emission on one side DALI-controllable power supply units.

Luminaires with light emission on two sides 2 power supply units individually DALI-controllable

BEGA Thermal Management®

Symmetrical, asymmetrical or flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

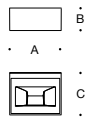
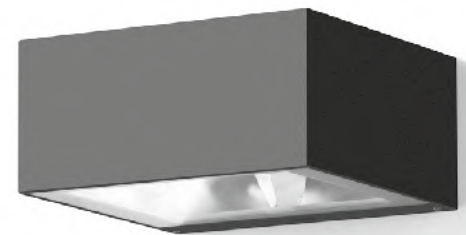
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

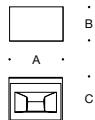
□ White – article number + **W**

20-year availability guarantee for LED modules



Light emission on one side

	Symmetrical	LED	PSU	A	B	C	AC/DC
	22 392	19.8 W	3030 lm	DALI	240	105	200 ✓
	33 388	31.5 W	4910 lm	DALI	320	125	220 ✓
	Asymmetrical	LED	PSU	A	B	C	AC/DC
	22 386	19.8 W	2450 lm	DALI	240	105	200 ✓
	33 386	31.5 W	4650 lm	DALI	320	125	220 ✓
	Flat beam	LED	PSU	A	B	C	AC/DC
	22 383	17.8 W	2445 lm	DALI	240	105	200 ✓
	33 378	30.6 W	3675 lm	DALI	320	125	220 ✓



Light emission on two sides - Symmetrical light distribution upwards

	Symmetrical	LED	PSU	A	B	C	AC/DC
	33 395	39.6 W	5785 lm	DALI	250	160	200 ✓
	33 389	66.0 W	9905 lm	DALI	330	180	220 ✓
	Asymmetrical	LED	PSU	A	B	C	AC/DC
	33 394	39.6 W	5040 lm	DALI	250	160	200 ✓
	33 387	66.0 W	9905 lm	DALI	330	180	220 ✓
	Flat beam	LED	PSU	A	B	C	AC/DC
	33 393	38.0 W	4860 lm	DALI	250	160	200 ✓
	33 379	63.4 W	9145 lm	DALI	330	180	220 ✓



Wall luminaires

Light emission on one or two sides

The wall luminaires in this series offer a wide range of design options with different sizes and light outputs. Whether as single luminaires or as a row of luminaires: They are great design elements for illuminating wall and façade surfaces.

The low connected wattage and long service life of the luminaires make them economical devices with very long maintenance intervals.

Luminaires with light emission aperture on one side and luminaires with very narrow beam light emission upwards must be mounted with the narrow beam light emission directed downwards.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 155 to 3245 lm

Connected wattage 2.7 to 35.5 W

Size 75 · 110 · 130 · 150 mm

Protection class IP 64

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Very narrow beam luminaires with optical silicone lens

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

□ White – article number + **W**


20-year availability guarantee for LED modules

Light distribution







Narrow beam downwards

	LED	PSU	β	A	B	C	AC/DC	
 33 579	2.7 W	155 lm	on/off	23°	75	130	95	✓
33 580	6.3 W	315 lm	DALI	24°	110	190	125	✓
33 581	10.3 W	740 lm	DALI	20°	130	230	150	✓
24 582	19.0 W	1605 lm	DALI	16°	150	270	175	✓

Narrow beam upwards and downwards

	LED	PSU	β	A	B	C	AC/DC	
 33 590	4.9 W	295 lm	on/off	23°	75	130	95	✓
33 591	10.5 W	600 lm	DALI	24°	110	190	125	✓
33 592	18.0 W	1450 lm	DALI	20°	130	230	150	✓
24 593	35.5 W	3245 lm	DALI	16°	150	270	175	✓

Very narrow beam upwards · Narrow beam downwards

	LED	PSU	β	A	B	C	AC/DC	
 24 594	4.9 W	275 lm	on/off	13/20°	75	130	95	✓
24 595	10.5 W	435 lm	DALI	12/16°	110	190	125	✓
24 596	18.0 W	1040 lm	DALI	9/20°	130	230	150	✓
24 597	35.5 W	2090 lm	DALI	9/16°	150	270	175	✓

β = Half beam angle



Wall luminaires

Light emission on one or two sides

Wall luminaires with rotationally symmetrical narrow beam light distribution optionally with light emission on one or two sides. These luminaires are also ideal for installation on narrow structural elements thanks to their compact size. Three sizes with different light outputs offer a multitude of design options both indoors and out. Specially processed safety glass prevents dirt and water from accumulating on the luminaires. These are durable lighting tools that impress through careful and responsible attention to detail and maximum lighting and technical quality.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	165 to 3300 lm
Connected wattage	2.7 to 40.0 W
Size	60 · 110 · 150 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

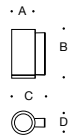
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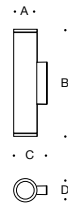
20-year availability guarantee for LED modules





Narrow beam directed upwards or downwards

	LED		PSU	β	A	B	C	D	AC/DC
66 649	2.7 W	165 lm	on/off	20°	60	155	105	40	✓
66 655	10.0 W	770 lm	DALI	21°	110	230	160	40	✓
24 034	14.0 W	1105 lm	DALI	17°	110	230	160	40	✓
66 698	15.0 W	1250 lm	DALI	17°	150	280	200	40	✓
24 035	20.5 W	1725 lm	DALI	14°	150	280	200	40	✓



Narrow beam upwards and downwards

	LED		PSU	β	A	B	C	D	AC/DC
66 512	4.9 W	295 lm	on/off	20°	60	275	105	40	✓
66 516	19.0 W	1525 lm	DALI	21°	110	500	160	40	✓
24 008	27.2 W	2215 lm	DALI	17°	110	500	160	40	✓
66 519	26.6 W	2445 lm	DALI	17°	150	550	200	40	✓
24 009	40.0 W	3300 lm	DALI	14°	150	550	200	40	✓

β = Half beam angle



Wall luminaires Light emission on two sides

A new series of compact wall luminaires for the illumination of walls and façades. Optionally available in a cylindrical or square design – with identical lighting properties.

The luminaires are characterised by their striking rotationally symmetrical, wide beam and narrow beam light distribution. Three sizes with different light outputs offer a multitude of design options – both indoors and out.

Flush safety glass prevents dirt and water from accumulating on the luminaires. These are durable lighting tools that impress through careful and responsible attention to detail and maximum lighting and technical quality.

The luminaires can be installed in any burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	370 to 4200 lm
Connected wattage	9.0 to 39.0 W
Size	∅ · □ 80 · 115 · 145 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

on/off or DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

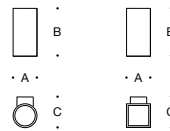
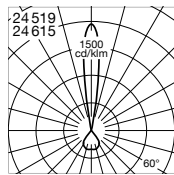
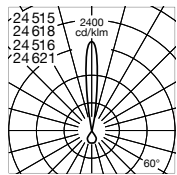
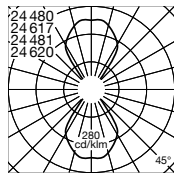
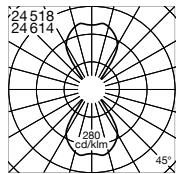
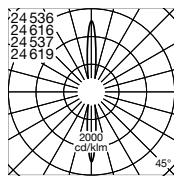
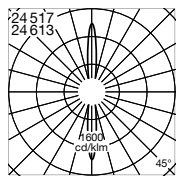
■ Silver – article number + **A**

□ White – article number + **W**


20-year availability guarantee for LED modules

Light distribution







Narrow beam · Narrow beam

	Round	Square	LED	PSU	β	A	B	C	AC/DC
	24 517	24 613	9.0 W 370 lm	on/off	22°	80	160	105	✓
	24 536	24 616	19.5 W 960 lm	on/off	15°	115	195	155	✓
	24 537	24 619	39.0 W 1800 lm	DALI	15°	145	245	190	✓

Wide beam · Wide beam

	Round	Square	LED	PSU	β	A	B	C	AC/DC
	24 518	24 614	9.0 W 970 lm	on/off	70°	80	160	105	✓
	24 480	24 617	19.5 W 2160 lm	on/off	70°	115	195	155	✓
	24 481	24 620	39.0 W 4200 lm	DALI	70°	145	245	190	✓

Narrow beam · Wide beam

	Round	Square	LED	PSU	β	A	B	C	AC/DC
	24 519	24 615	9.0 W 675 lm	on/off	22°/70°	80	160	105	✓
	24 515	24 618	19.5 W 1560 lm	on/off	15°/70°	115	195	155	✓
	24 516	24 621	39.0 W 3000 lm	DALI	15°/70°	145	245	190	✓

β = Half beam angle



Wall luminaires · Accent lighting Light emission on two sides

Wall luminaires for effective and efficient accent lighting of walls and façades. Luminaires with a very small overhang and a newly developed optical system. Precise silicone lenses with varying beam angles and precise light deflection produce striking light graphics on the installation surface.

Silicone lenses are subject to virtually no wear and, in conjunction with our LED technology, make the luminaires durable and economical lighting tools.

Luminaires with a small overhang and a rectangular design open up new possibilities for accentuating walls and façades.

The BEGA mounting system enables exact alignment after installation.

You can find luminaires with identical technology but in round and square designs on Page 212.

The luminaires can be installed in any burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	175 to 410 lm
Connected wattage	5.6 to 11.5 W
Size	120 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Optical silicone lens

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

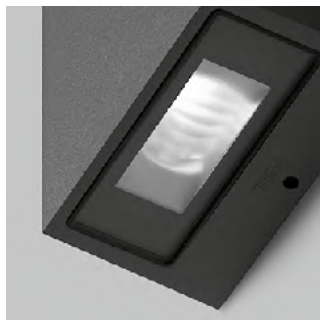
■ Silver – article number + **A**

□ White – article number + **W**

20-year availability guarantee for LED modules

Light distribution





2 x 15° light emission

	LED	PSU	A	B	C	AC/DC	
24 127	5.6 W	175 lm	DALI	120	180	70	✓



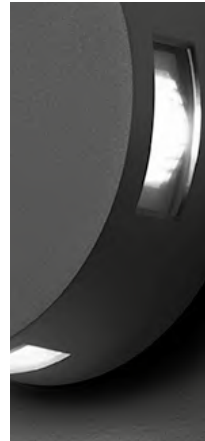
90° light emission · 15° light emission

	LED	PSU	A	B	C	AC/DC	
24 088	9.0 W	295 lm	DALI	120	180	70	✓



2 x 90° light emission

	LED	PSU	A	B	C	AC/DC	
24 087	11.5 W	410 lm	DALI	120	180	70	✓



Wall luminaires - **Accent lighting**
Light emission on two or four sides

Wall luminaires for effective and efficient accent lighting of walls and façades. Luminaires with a very small overhang and a newly developed optical system. Precise silicone lenses with varying beam angles and precise light deflection produce striking light graphics on the installation surface. Silicone lenses are subject to virtually no wear and, in conjunction with our LED technology, make the luminaires durable and economical lighting tools. Luminaires with a small overhang and a round or square design open up new possibilities for accentuating walls and façades.

The BEGA mounting system enables exact alignment after installation.

You can find luminaires with identical technology but in a rectangular design on Page 210.

The luminaires can be installed in any burning position.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	165 to 815 lm
Connected wattage	5.6 to 23.0 W
Size	Ø · □ 180 mm
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
 Safety glass · Optical silicone lens

DALI-controllable power supply units

BEGA Thermal Management®

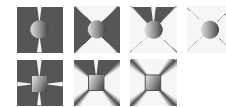
LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

- Graphite – article number
- Silver – article number + **A**
- White – article number + **W**

20-year availability guarantee for LED modules

Light distribution





2 × 15° light emission

	LED		PSU	A	B	AC/DC
24177	5.6 W	165 lm	DALI	180	70	✓



2 × 90° light emission

	LED		PSU	A	B	AC/DC
24178	11.5 W	380 lm	DALI	180	70	✓



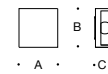
3 × 90° light emission · 15° light emission

	LED		PSU	A	B	AC/DC
24046	19.5 W	670 lm	DALI	180	70	✓



4 × 90° light emission

	LED		PSU	A	B	AC/DC
24045	23.0 W	760 lm	DALI	180	70	✓



4 × 15° light emission

	LED		PSU	A	B	C	AC/DC
24126	9.6 W	350 lm	DALI	180	180	70	✓



3 × 90° light emission · 15° light emission

	LED		PSU	A	B	C	AC/DC
24086	19.5 W	715 lm	DALI	180	180	70	✓



4 × 90° light emission

	LED		PSU	A	B	C	AC/DC
24085	23.0 W	815 lm	DALI	180	180	70	✓



Wall luminaires · Surface washers

Asymmetrical or asymmetrical flat beam light distribution

These wall luminaires are part of a new group of luminaires that also includes pole-top and side-mounted pole-top luminaires. A comprehensive performance range that is able to perform all lighting applications in street, square and city illumination. Their predecessors shaped the design of the BEGA range for more than 50 years and received international awards for their excellent design. As illuminating classics, they became the standard for outdoor luminaires. We have designed and constructed the new luminaires in the image of their predecessors – technologically adapted to modern requirements. We use only system components made of reliable materials for our lighting technology. Highly efficient reflectors with an ultra-pure aluminium surface, anti-glare single-pane safety glass and BEGA LED modules, combined with excellent heat management, create the basis for age-resistant lighting technology.


- The **asymmetrical** light distribution is particularly suitable for providing spatial illumination of squares.
- The **asymmetrical, flat beam** light distribution is particularly suitable for illuminating streets in accordance with DIN EN 13201.

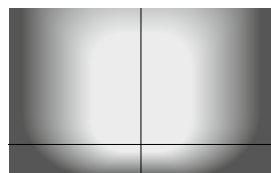
Pole-top luminaires which match the shape and design of the luminaires in this series can be found on Pages 498 to 501.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

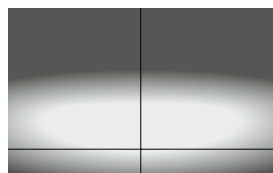
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

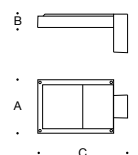
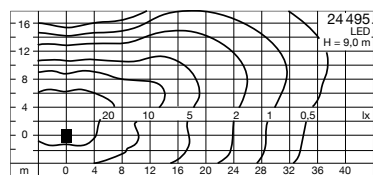
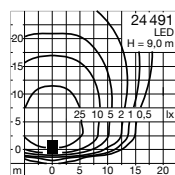
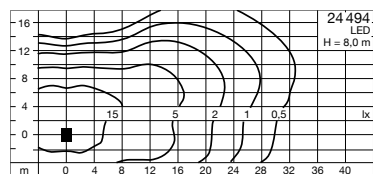
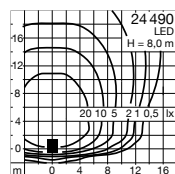
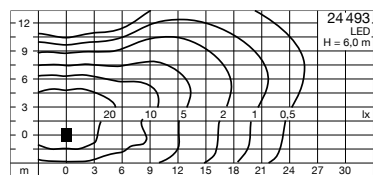
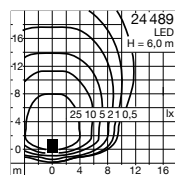
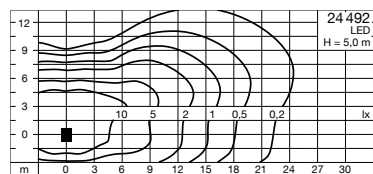
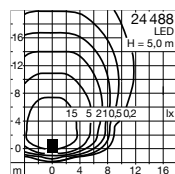
Luminaire luminous flux	2400 to 9600 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	18.2 to 67.0 W
Length	400 · 465 mm
Protection class	IP 66
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	
Light distribution	
	



Asymmetrical



Asymmetrical flat beam

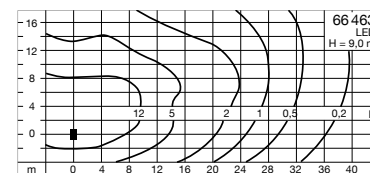
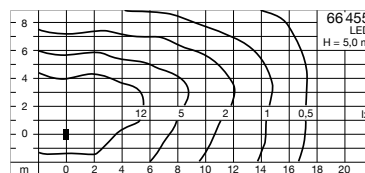
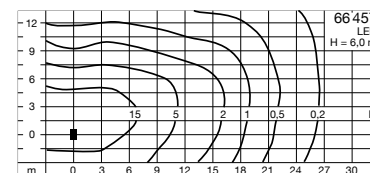
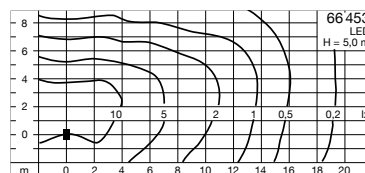
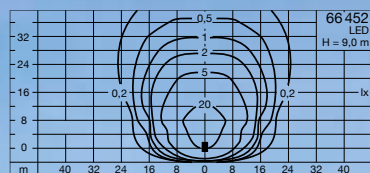
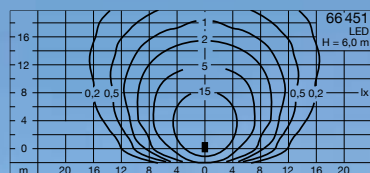
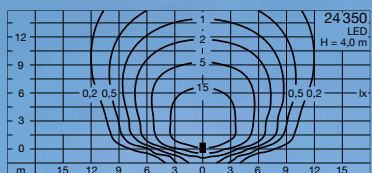


Asymmetrical light distribution

	LED	PSU	A	B	C	D	AC/DC	
24 488	18.2 W	2400 lm	DALI	240	60	400	170 × 105	✓
24 489	33.5 W	4800 lm	DALI	240	60	400	170 × 105	✓
24 490	51.0 W	7200 lm	DALI	320	75	465	185 × 105	✓
24 491	67.0 W	9600 lm	DALI	320	75	465	185 × 105	✓

Asymmetrical flat beam light distribution

	LED	PSU	A	B	C	D	AC/DC	
24 492	18.2 W	2400 lm	DALI	240	60	400	170 × 105	✓
24 493	33.5 W	4800 lm	DALI	240	60	400	170 × 105	✓
24 494	51.2 W	7200 lm	DALI	320	75	465	185 × 105	✓
24 495	67.0 W	9600 lm	DALI	320	75	465	185 × 105	✓



Wall luminaires · Surface washers

Asymmetrical or asymmetrical flat beam light distribution

These wall luminaires are part of a group of luminaires that also includes pole-top and side-mounted pole-top luminaires. A comprehensive performance range that is able to perform all lighting applications in street, square and city illumination.

- The **asymmetrical** light distribution is particularly suitable for providing spatial illumination of squares.
- The **asymmetrical, flat beam** light distribution is particularly suitable for illuminating streets in accordance with DIN EN 13201.

We use only system components made of reliable materials for our highly efficient lighting technology. Miro® reflectors in reflection-intensive ultra-pure aluminium, anti-glare single-pane safety glass and BEGA LED modules, combined with excellent heat management, create the basis for age-resistant lighting technology. Luminaires with this construction are easy to integrate into BEGA light control systems.

Pole-top luminaires that match the shape and design of the luminaires in this series can be found on Pages 490 to 497.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1855 to 9915 lm

Luminous flux in the upper half-space < 1%

Connected wattage 14.0 to 67.0 W

Length 410·610 mm

Protection class IP 66

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Attack angle adjustable to 0° or 15°

Can be opened without the use of tools

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

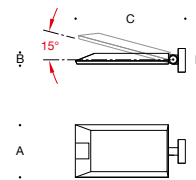
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

Light distribution





Asymmetrical light distribution

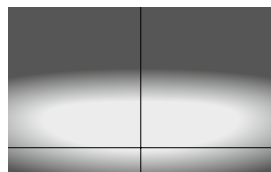
	LED	PSU	A	B	C	D	AC/DC	
24 350	14.6 W	2060 lm	DALI	255	60	410	130	✓
66 451	34.5 W	5135 lm	DALI	255	60	410	130	✓
66 452	67.0 W	9915 lm	DALI	340	75	610	170	✓

Asymmetrical flat beam light distribution

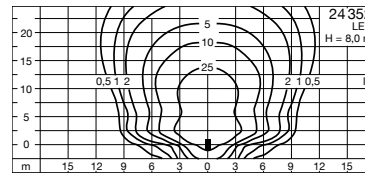
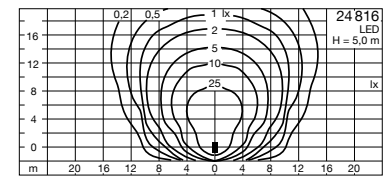
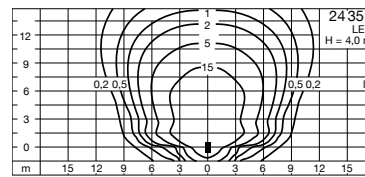
	LED	PSU	A	B	C	D	AC/DC	
66 453	14.0 W	1855 lm	DALI	255	60	410	130	✓
66 455	17.6 W	2475 lm	DALI	255	60	410	130	✓
66 457	34.5 W	4880 lm	DALI	255	60	410	130	✓
66 463	67.0 W	9885 lm	DALI	340	75	610	170	✓



Asymmetrical



Asymmetrical flat beam



Wall luminaires · Surface washers Asymmetrical light distribution

Surface washers with asymmetrical light distribution in various sizes for the cost-effective illumination of ceiling, wall and ground surfaces.

The asymmetrical light distribution is particularly suitable for the spatial illumination of surfaces.

The adjustability of the beam direction allows the luminaires to be adjusted to the requirements of the lighting situation. These are durable construction details that prove convincing thanks to careful and responsible design as well as maximum lighting and structural quality.

The luminaires can be installed with light emission either upwards or downwards.

For pole-top luminaires that match the design and construction of the luminaires in this series, see Page 486.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 3350 to 10525 lm

Luminous flux in the upper half-space < 1%

Connected wattage 25.0 to 108.0 W

Length 485 · 570 mm

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium
Attack angle adjustable from -30° to +90°
in steps of 10°

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

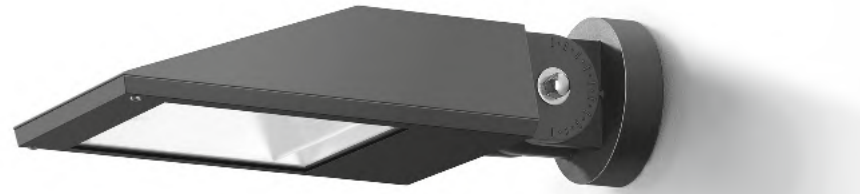
■ Graphite – article number

■ Silver – article number + **A**

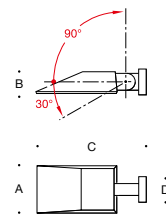
20-year availability guarantee for LED modules

Light distribution





Asymmetrical



Asymmetrical light distribution

	LED	PSU		A	B	C	D	AC/DC
24 351	25.0 W	3350 lm	DALI	225	105	485	130	✓
24 816	60.5 W	6675 lm	DALI	225	105	485	130	✓
24 352	108.0 W	10 525 lm	DALI	315	120	570	130	✓



Light design elements
Unshielded or shielded light

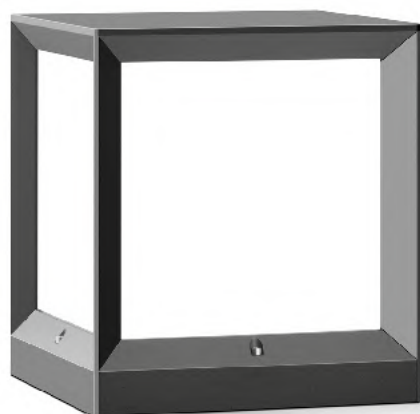
In addition to their lighting function, light design elements serve to structure and divide up open spaces and squares in both private and public areas. Pathways and squares are often given structure through the use of different materials, colours, paving dimensions and joint patterns. BEGA light design elements open up new possibilities in the world of sophisticated open-space design.

Brilliant and robust design elements made of cast aluminium for the glare-free illumination of ground surfaces from a low mounting height.

Impressive light design elements that also invite you to sit down, rest and relax – by day and by night.

BEGA light design elements are bolted onto a foundation, provided by the customer, using a mounting plate.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



Luminaire data

Luminaire luminous flux	790 · 860 lm
Connected wattage	17.8 · 21.3 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

77 764 synthetic cover

77 786 internal crystal glass

Mounting plate made of hot-dip galvanised steel

DALI-controllable power supply units.

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

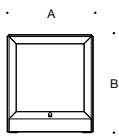
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

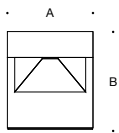
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Light design element · **Unshielded** · Fig. left

	LED	PSU	A	B	AC/DC
77 764	21.3 W	860 lm	DALI	400 460	✓



Light design element · **Shielded** · Fig. right

	LED	PSU	A	B	AC/DC
77 786	17.8 W	790 lm	DALI	400 460	✓





On-ground luminaire

Compact on-ground luminaire for the glare-free illumination of ground surfaces from a low mounting height – in the immediate vicinity of the installation location.

The luminaires' flat beam light distribution is particularly suitable for illuminating pathways and entrance areas or delimiting square-like areas.

These luminaires are characterised by a robust design made of cast aluminium and by cost-effective and durable LED technology.

BEGA on-ground luminaires are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.

Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	470 lm
Connected wattage	11.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Crystal glass

on/off power supply units

BEGA Thermal Management®

Flat beam light distribution

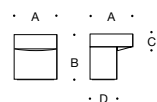
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Flat beam light distribution



On-ground luminaire										
LED	PSU	A	B	C	D	AC/DC			Anch. unit	
77 735	11.0 W	470 lm	on/off	200	210	60	125	✓		70 894





Light design element

Light design elements for structuring and dividing up surfaces and squares. Robust luminaires which illuminate the ground surfaces directly in front of their installation site with a flat beam light distribution. Luminaires that also invite you to sit down, rest and relax – by day and by night. The distinction between paths and squares is often effected by using different materials, colours, paving dimensions and joint patterns. BEGA light design elements enable a new additional dimension for the demanding design of open areas. Brilliant and robust design elements made of cast aluminium for the glare-free illumination of ground surfaces from a low mounting height.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

With mounting plate made of hot-dip galvanised steel for bolting onto a foundation.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	930 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	13.8 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable
BEGA Thermal Management®

Flat beam light distribution

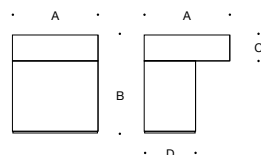
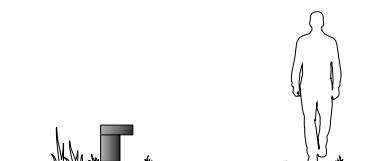
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Flat beam light distribution



Light design element · Flat beam light distribution

	LED	PSU	A	B	C	D	AC/DC	
77 754	13.8 W	930 lm	DALI	400	460	120	240	✓





Light design elements
Seating – by day and by night

These light design elements are designed to encourage people to linger along pathways, in open spaces and on squares. They form impressive islands of light in the dark and give structure in landscape architecture and public spaces. BEGA light design elements open up new possibilities in the world of sophisticated open-space design. They are illuminating and, at the same time, robust construction elements, made of aluminium for the glare-free illumination of ground surfaces. These light design elements are optionally available in a painted version, made of aluminium and cast aluminium, or with an additional genuine Kebony wood seat. BEGA light design elements are bolted onto a foundation, provided by the customer, using a mounting plate.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	555 · 11 110 lm
Connected wattage	7.4 · 14.8 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
84 236 · 84 237
With genuine Kebony wood seat
2 mounting plates made of hot-dip galvanised steel

DALI-controllable power supply units.

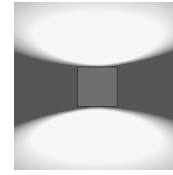
BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

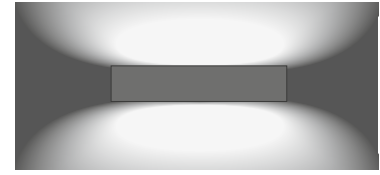
Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules

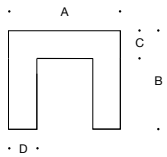
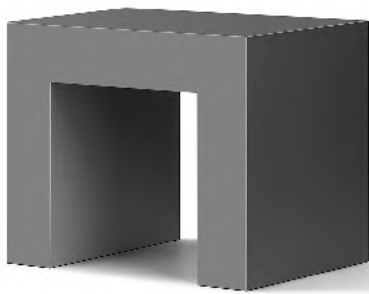




77 731 · 84 237

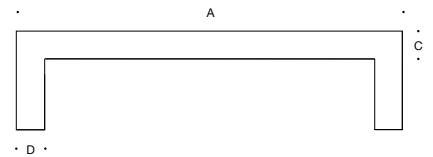


77 730 · 84 236



Light design element · "Stool"								
	LED	PSU	A	B	C	D	AC/DC	
77 731	7.4 W	555 lm	DALI	500×400	460	120	120	✓

Light design element · "Stool" · with genuine Kebony wood seat								
	LED	PSU	A	B	C	D	AC/DC	
84 237	7.4 W	555 lm	DALI	500×400	490	150	120	✓



Light design element · "Bench"								
	LED	PSU	A	B	C	D	AC/DC	
77 730	14.8 W	1110 lm	DALI	1800×400	460	120	120	✓

Light design element · "Bench" · With genuine Kebony wood seat								
	LED	PSU	A	B	C	D	AC/DC	
84 236	14.8 W	1110 lm	DALI	1800×400	490	150	120	✓



BEGA system bollards

As a modular system, BEGA system bollards enable luminaire heads and bollard tubes to be combined with various additional functions.

In lighting systems, luminaires of different heights or with additional functions, but with the same design and lighting technology, are often required. As part of our system bollard range, we offer bollard tubes with built-in floodlights, emergency lighting batteries, motion and light sensors, control modules, BEGA Vehicle Blocker® drive-through protection, lockable sockets and charging module inserts for electric vehicles.

In addition to aluminium bollard tubes, we also offer component-free bollard tubes, made of a combination of cast aluminium and Accoya® wood.

Simply order the bollard head and your preferred bollard tube to go with it.

The two modules can be quickly and easily connected to one another during installation.

A summary of the system components on Pages 228 and 229 provides a compact overview of the various combination options. All BEGA system bollards can be found on Pages 230 to 253.



Page 230



Page 232



Page 234



Page 236



Page 238



Page 240



Page 242



Page 244



Page 248



Page 250



Page 232 · Page 230














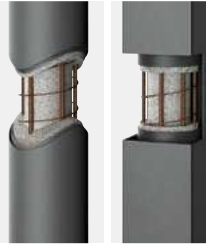










Page 250 · Page 248

BEGA system bollards · Overview

On Page 229, you will find matching bollard tubes with and without components for each bollard head. Please refer to the technical specifications for each luminaire in the instructions for use and data sheets on our website while still in the planning stage.

Bollard tubes with safety sockets have a type F socket (German/European system) as standard. On request, we can also supply the bollard tubes with other socket types for the same price. Additional information on socket types can be found on Page 580.

BEGA bollard heads																					
Catalogue page	230		232			234		236		238		240		242		244		248		250	
BEGA bollard tubes Ø · □ in mm	140	190	140	190	265	140	190	190	265	190	265	140	190	190	190	160	220	160	220		
A In two heights without components Aluminium or Accoya® wood and aluminium	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
B With floodlight		•		•			•	•		•		•		•		•		•		•	
C With PIR motion and light sensor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
D With PIR motion and light sensor · DALI		•		•	•		•	•	•	•	•		•		•		•		•	•	•
E With Zigbee control module		•		•	•		•	•	•	•	•		•		•		•		•	•	•
F With a single emergency lighting battery		•		•	•		•	•	•	•	•		•		•		•		•	•	•
G Drive-through protection up to 7.5 t BEGA Vehicle Blocker®					•				•		•							•		•	•
H With 2 safety sockets behind a lockable door		•		•	•		•	•	•	•	•		•		•		•		•		•
I With a lockable door with or without installation inserts					•				•		•										
J With charging module insert for electric cars (type 2) behind a lockable door					•				•		•										
K With one integral safety socket	•	•	•	•		•	•	•		•		•	•	•	•	•		•		•	
L As a closing head for bollard tubes without illumination function	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

<p>A</p> <p>Bollard tubes without components</p> <p>Bollard tubes without any additional components form the basic tubes of the system bollards.</p> <p>These bollard tubes are available in a choice of two versions: aluminium or Accoya® wood and aluminium.</p>		<p>G</p> <p>BEGA Vehicle Blocker® Bollard tubes as drive-through protection*</p> <p>Concrete-casting bollard tubes for foundations to be provided by the customer. Statically tested foundation plans will be provided upon receipt of your order.</p> <ul style="list-style-type: none"> • Round bollard tubes: drive-through protection up to 7.5t · 50km/h • Square bollard tubes: drive-through protection up to 1.5t · 50km/h 	
<p>B</p> <p>Bollard tubes with floodlight</p> <p>Bollard tubes with built-in floodlight. The floodlight has an adjustable inclination angle of $\pm 30^\circ$, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants. BEGA Hybrid Optics®</p> <p>LED floodlight 23.0 W · 2500 lm · $\beta = 18^\circ$ LED colour temperature 3000K or 4000K</p>		<p>H</p> <p>Bollard tubes with two safety sockets behind a lockable door</p> <p>Bollard tubes with two integral 250V type F (German/European system) safety sockets and RCD behind a lockable door</p>	
<p>C</p> <p>Bollard tubes with PIR motion and light sensor</p> <p>Bollard tubes with built-in passive infrared motion and light sensors react to thermal radiation in the dark. Other luminaires can be operated directly.</p>		<p>I</p> <p>Bollard tubes with lockable door with or without installation inserts</p> <p>Bollard tubes with connection compartment with three built-in 250V type F (German/European system) safety sockets, three 250V CEE sockets, two 400V CEE sockets, eight C 16A automatic cutouts and residual current devices, plus a lockable door. Optionally available without installation inserts.</p>	
<p>D</p> <p>Bollard tubes with PIR motion and light sensor DALI</p> <p>Bollard tubes with passive infrared motion and light sensor react to thermal radiation in the dark. Additional luminaires can be controlled via a DALI bus. A DALI power supply is required to control an independent DALI line.</p>		<p>J</p> <p>Bollard tubes with charging module insert for electric vehicles (type 2) behind a lockable door</p> <p>Bollard tubes with charging module insert for electric vehicles (type 2) for charging outputs of 11 kW and 22 kW.</p>	
<p>E</p> <p>Bollard tubes with Zigbee control module</p> <p>Bollard tubes with a built-in Zigbee control module can be controlled via a Zigbee network.</p>		<p>K</p> <p>Bollard tubes with an integral safety socket</p> <p>Bollard tubes with a freely accessible built-in 250V type F (German/European system) safety socket. Cover made of cast aluminium</p>	
<p>F</p> <p>Bollard tubes with single emergency lighting battery</p> <p>Bollard tubes with built-in emergency lighting battery insert with self-test function for three hours of emergency lighting operation.</p>		<p>L</p> <p>Closing heads for bollard tubes</p> <p>Closing heads allow bollard tubes to be used without a lighting function, for example as a bollard with drive-through protection – BEGA Vehicle Blocker®.</p>	

* For illustrative purposes, the figure shows the internal concrete core to be provided on site.



System bollards

Unshielded · Light emission **360°**

These unshielded luminaire heads, from our modular system bollard range, emit their light symmetrically through 360° around the installation point. Luminaires for the illumination of pathways, squares and entrance areas.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system.

It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 315 · 935 lm

Connected wattage 7.1 · 20.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cylinder, white

On/off or DALI-controllable power supply units

BEGA Thermal Management®

Unshielded · Light emission 360°

LED colour temperature

3000 K – article number + **K3**

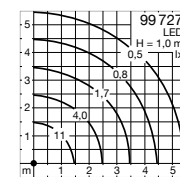
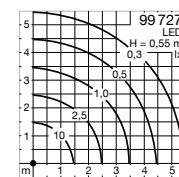
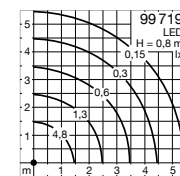
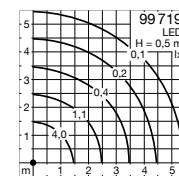
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

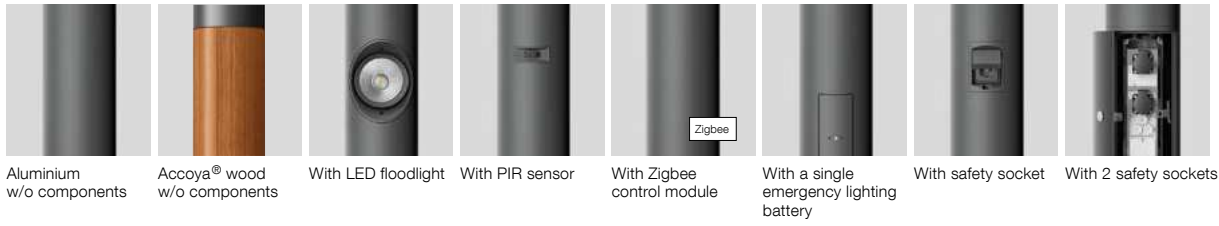
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 246.



Aluminium
w/o components

Accoya® wood
w/o components

With LED floodlight

With PIR sensor

With Zigbee
control module

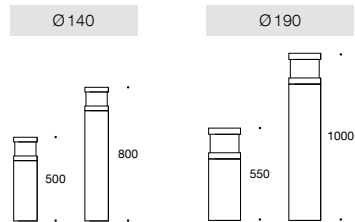
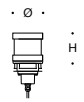
With a single
emergency lighting
battery

With safety socket

With 2 safety sockets



Closing head



System bollard heads · Light emission 360°

	LED	PSU	Ø	H	AC/DC
99 719	7.1 W 315 lm	on/off	140	140	✓
99 727	20.0 W 935 lm	DALI	190	185	✓





System bollards

Unshielded with safety guard · Light emission 180° or 360°

These unshielded luminaire heads from our modular system bollard range are equipped with a safety guard and emit their light symmetrically through 180° or 360° around the installation point.
Luminaires for the illumination of pathways, squares and entrance areas.

Simply order the bollard head and your preferred bollard tube to go with it.

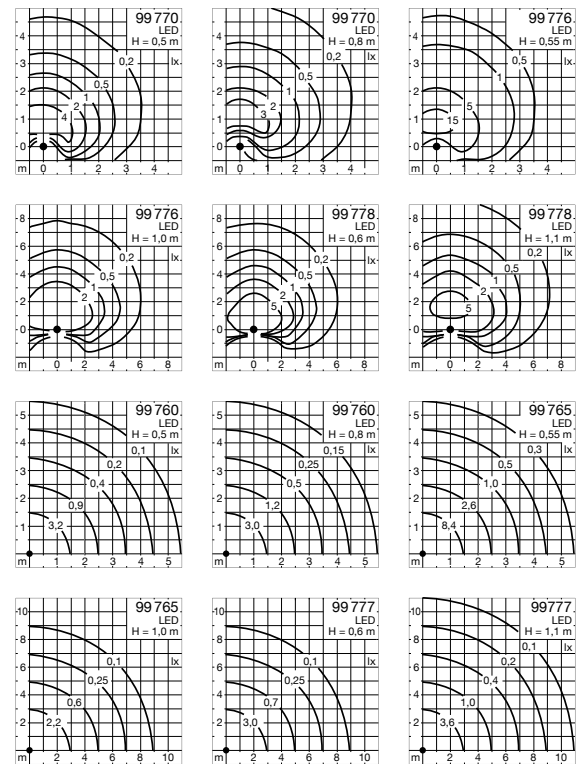
An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	100 to 770 lm
Connected wattage	7.1 to 33.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel Crystal glass, inside white	
On/off or DALI-controllable power supply units	
BEGA Thermal Management®	
Unshielded with safety guard Light emission 180° or 360°	
LED colour temperature 3000K – article number + K3 4000K – article number + K4	
Luminaire colour · BEGA Unidure® ■ Graphite – article number ■ Silver – article number + A	
20-year availability guarantee for LED modules	



For matching bollard tubes, see Page 246.



	Ø 140		Ø 190		Ø 265	
	500	800	550	1000	600	1100 1375
System bollard heads · Light emission 180°						
	LED	PSU	Ø	H	AC/DC	
99 770	7.1 W 100 lm	on/off	140	140	✓	
99 776	20.0 W 310 lm	DALI	190	185	✓	
99 778	33.0 W 400 lm	DALI	265	225	✓	
System bollard heads · Light emission 360°						
	LED	PSU	Ø	H	AC/DC	
99 760	7.1 W 205 lm	on/off	140	140	✓	
99 765	20.0 W 565 lm	DALI	190	185	✓	
99 777	33.0 W 770 lm	DALI	265	225	✓	





System bollards

Shielded with reflector · Light emission **180°** or **360°**

These luminaire heads from our modular system bollard range emit their shielded light symmetrically through 180° or 360° around the installation point and onto the respective ground surface. Luminaires for the glare-free illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 335 to 1835 lm

Connected wattage 7.1 · 20.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Borosilicate glass

Reflector made of pure anodised aluminium

On/off or DALI-controllable power supply units

BEGA Thermal Management®

Shielded with reflector

Light emission 180° or 360°

LED colour temperature

3000K – article number + **K3**

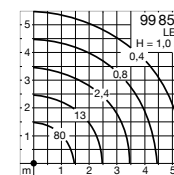
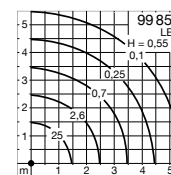
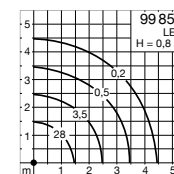
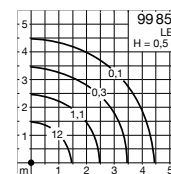
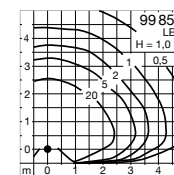
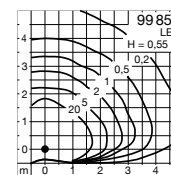
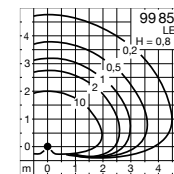
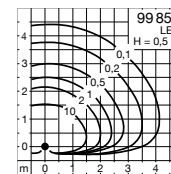
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

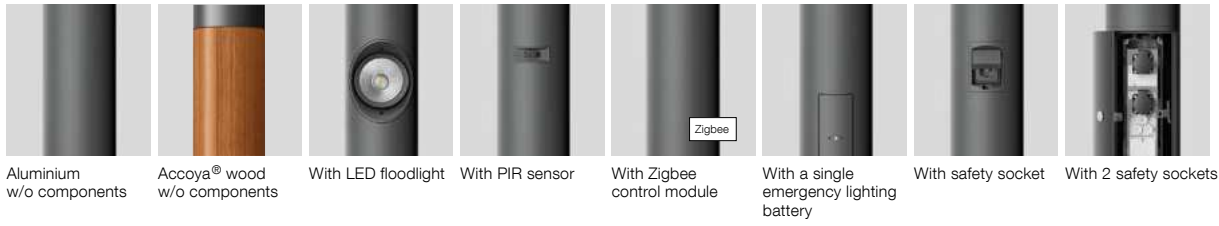
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 246.



Closing head

		Ø 140		Ø 190	
	H				
System bollard heads · Light emission 180°					
	LED	PSU	Ø	H	AC/DC
99 853	7.1 W	335 lm	on/off	140	140 ✓
99 857	20.0 W	920 lm	DALI	190	185 ✓
System bollard heads · Light emission 360°					
	LED	PSU	Ø	H	AC/DC
99 852	7.1 W	665 lm	on/off	140	140 ✓
99 856	20.0 W	1835 lm	DALI	190	185 ✓





System bollards
Light emission **180°** or **360°**

These luminaire heads from our modular system bollard range emit their shielded light onto the ground surface to be illuminated with a high degree of uniformity. Available with either 180° or 360° light emission around the installation point. Luminaires for the glare-free illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

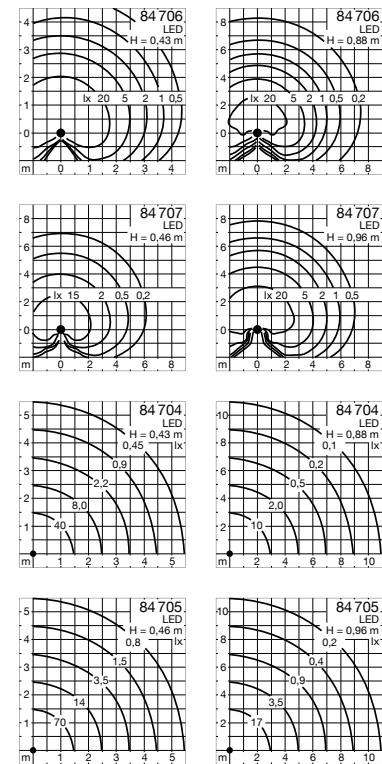
An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

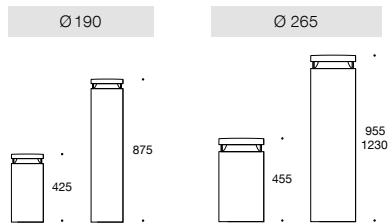
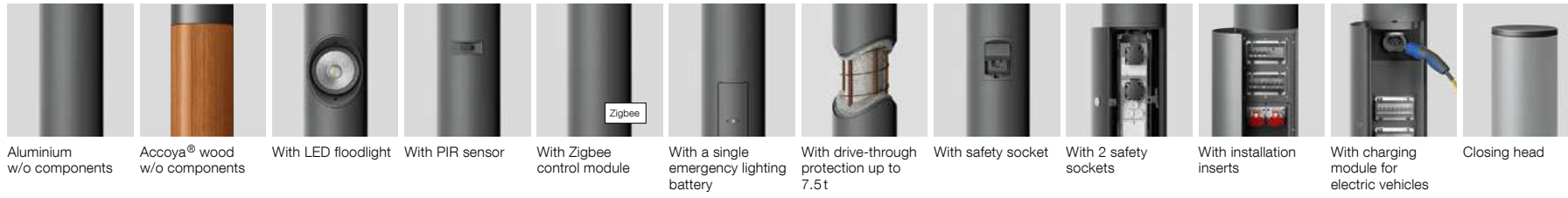
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	925 to 2800 lm
Connected wattage	9.6 to 26.6 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Borosilicate glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units	
BEGA Thermal Management®	
Shielded with reflector	
Light emission 180° or 360°	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



For matching bollard tubes, see Page 246.



System bollard heads · Light emission 180°

	LED		PSU	Ø	H	AC/DC
84 706	9.6 W	925 lm	DALI	190	60	✓
84 707	14.5 W	1300 lm	DALI	265	80	✓



System bollard heads · Light emission 360°

	LED		PSU	Ø	H	AC/DC
84 704	18.6 W	2015 lm	DALI	190	60	✓
84 705	26.6 W	2800 lm	DALI	265	80	✓





System bollards

Shielded · Light emission 360°

These luminaire heads from our modular system bollard range emit their completely shielded light through 360° around the installation point and onto the ground surface to be illuminated.

Luminaires for the glare-free illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system.

It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1285 · 1575 lm

Connected wattage 20.0 · 33.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

Shielded with reflector

Light emission 360°

LED colour temperature

3000 K – article number + **K3**

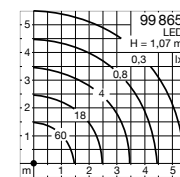
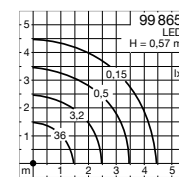
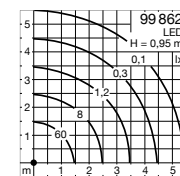
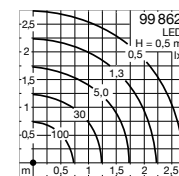
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

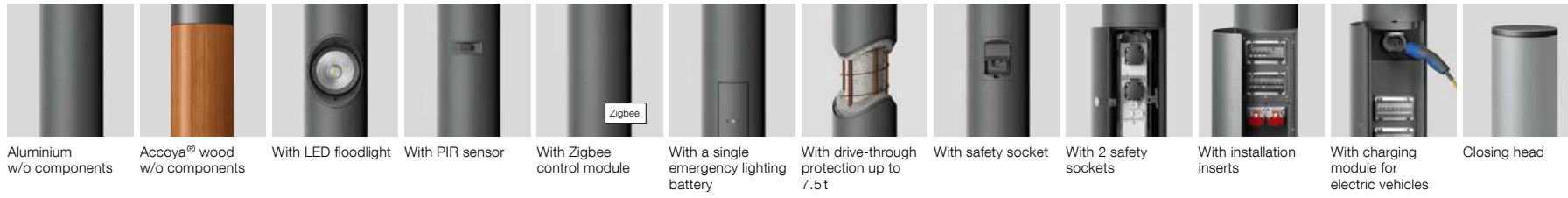
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 246.



Aluminium
w/o components

Accoya® wood
w/o components

With LED floodlight

With PIR sensor

With Zigbee
control module

With a single
emergency lighting
battery

With drive-through
protection up to
7.5 t

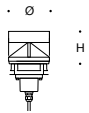
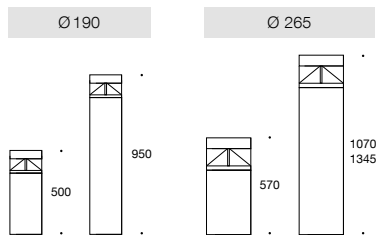
With safety socket

With 2 safety
sockets

With installation
inserts

With charging
module for
electric vehicles

Closing head



System bollard heads · Light emission 360°

	LED	PSU	Ø	H	AC/DC
99 862	20.0 W 1285 lm	DALI	190	135	✓
99 865	33.0 W 1575 lm	DALI	265	195	✓



System bollards

Unshielded with safety guard · Light emission 360°

These unshielded luminaire heads from our modular system bollard range are equipped with a safety guard and emit their light symmetrically through 360° around the installation point.

Luminaires for the illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system.

It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 450 · 1165 lm

Connected wattage 7.1 · 20.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel
Crystal glass, inside white

On/off or DALI-controllable power supply units

BEGA Thermal Management®

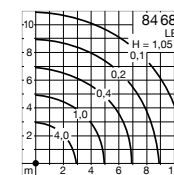
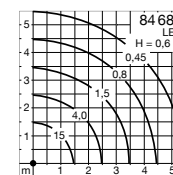
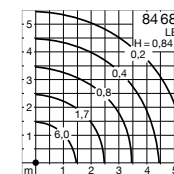
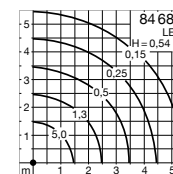
Unshielded with safety guard
Light emission 360°

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

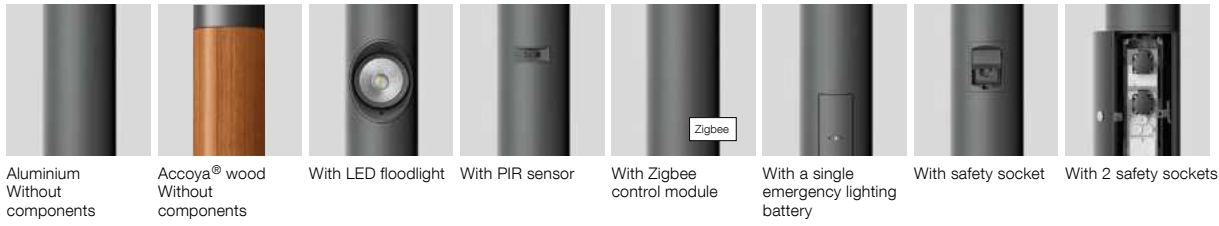
Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 246.



Aluminium
Without
components

Accoya® wood
Without
components

With LED floodlight

With PIR sensor

With Zigbee
control module

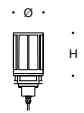
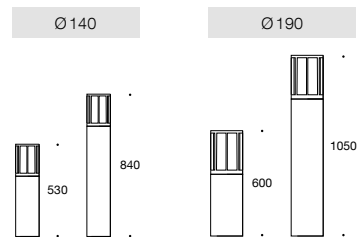
With a single
emergency lighting
battery

With safety socket

With 2 safety sockets



Closing head



System bollard heads · Light emission 360°

	LED		PSU	Ø	H	AC/DC
84 682	7.1 W	450 lm	on/off	140	180	✓
84 683	20.0 W	1165 lm	DALI	190	230	✓



System bollards
Shielded · Light emission 360°

These luminaire heads from our modular system bollard range emit their light symmetrically through 360° around the installation point with a high degree of uniformity. Luminaires for the illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These BEGA system bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1625 lm
Connected wattage	19.5 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
 Crystal glass, clear
 Reflector made of pure anodised aluminium

DALI-controllable power supply units

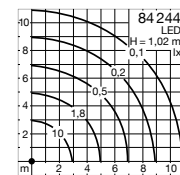
BEGA Thermal Management®

Shielded with reflector
 Light emission 360°

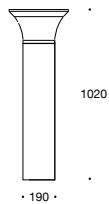
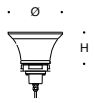
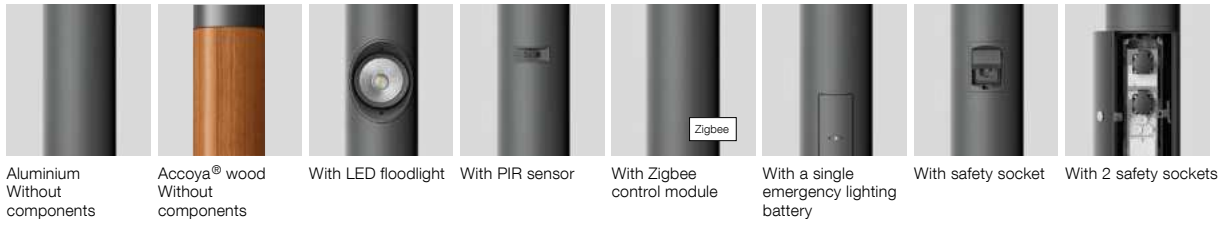
LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 246.



System bollard head · Light emission 360°						
	LED	PSU	Ø	H	AC/DC	
84 244	19.5 W	1625 lm	DALI	360	205	✓



System bollards

Shielded · Light emission **360°**

These luminaire heads from our modular system bollard range emit their completely shielded light symmetrically through 360° around the installation point with a high degree of uniformity. Luminaires for the illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all round bollard tubes can be found on Page 246.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA system bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	4555 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	35.5 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium

DALI-controllable power supply units

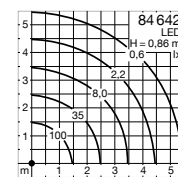
BEGA Thermal Management®

Shielded with reflector
Light emission 360°

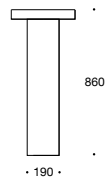
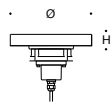
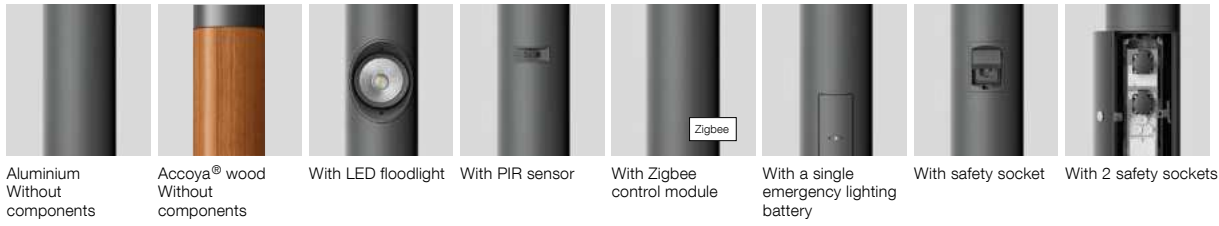
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 246.



System bollard head · Light emission **360°**

	LED	PSU	Ø	H	AC/DC
84 642	35.5 W	4555 lm	DALI	380 45	✓

BEGA bollard tubes · Round

As a supplement to BEGA bollard heads

On this page, you will find all bollard tubes for the bollard heads on Pages 230 to 245. A brief description on Page 247 gives you a compact overview of the bollard tubes and their functions. Detailed technical and lighting data for all the system components can be found in the data sheets and instructions for use on our website.

Bollard tubes with safety sockets have a type F socket (German/European system) as standard. On request, we can also supply the bollard tubes with other socket types for the same price. Additional information on socket types can be found on Page 580.

Simply order the bollard head and your preferred bollard tube to go with it. The two modules can be quickly and easily connected to one another during installation.

Protection class IP 65 · Cast aluminium, aluminium and stainless steel
Accoya® wood

BEGA bollard tubes are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel.

The mounting system can be used to align the bollard tube. Anchorage units are accessories and must be ordered separately. Additional information on BEGA anchorage units can be found on Page 583.

Bollard tube colour BEGA Unidure®

■ Graphite – article number
■ Silver – article number + A

		Bollard tubes		Connection	H	Anch. unit		
Ø 140	A	99 614	Ø 140 Without components · Low	Terminals 3 x 4 [□]	350	70 894		
		99 620	Ø 140 Without components · High	Terminals 3 x 4 [□]	660	70 894		
		84 476	Ø 140 Without components · Accoya® wood · High	Terminals 3 x 4 [□]	660	70 894		
		C 84 759	Ø 140 With PIR motion and light sensor	71 084	660	70 894		
		K 84 168	Ø 140 With safety socket 250 V type F	70 629	660	70 894		
	L	71 126	Ø 140 Closing head without illumination function	–	20	–		
Ø 190	A	99 615	Ø 190 Without components · Low	Terminals 3 x 4 [□]	365	70 895		
		99 622	Ø 190 Without components · High	71 084	815	70 896		
		84 464	Ø 190 Without components · Accoya® wood · High	71 084	815	70 896		
		B 84 833	Ø 190 With LED floodlight 23.0 W · 2500 lm · $\beta = 18^\circ$	71 084	815	70 896		
		C 84 760	Ø 190 With PIR motion and light sensor	71 084	815	70 896		
		D 84 170	Ø 190 With PIR motion and light sensor · DALI	71 084	815	70 896		
		E 84 640	Ø 190 With control module · Zigbee	71 084	815	70 896		
		F 84 634	Ø 190 With single emergency lighting battery 10W · 3h	71 601	815	70 896		
		K 84 169	Ø 190 With safety socket 250 V type F	70 629	815	70 896		
		H 99 626	Ø 190 With 2 safety sockets 250V type F Behind a lockable door	70 869	815	70 896		
	L	71 127	Ø 190 Closing head without illumination function	–	20	–		
Ø 265	A	99 619	Ø 265 Without components · Low	Terminals 3 x 4 [□]	375	70 896		
		99 624	Ø 265 Without components · High	71 084	875	70 896		
		84 465	Ø 265 Without components · Accoya® wood · High	71 084	875	70 896		
		C 84 761	Ø 265 With PIR motion and light sensor	71 084	875	70 896		
		D 84 173	Ø 265 With PIR motion and light sensor · DALI	71 084	875	70 896		
		E 84 641	Ø 265 With control module · Zigbee	71 084	875	70 896		
		F 84 636	Ø 265 With single emergency lighting battery 10W · 3h	71 601	875	70 896		
		G 84 623	Ø 265 Drive-through protection* up to 7.5 t · 50 km/h · Foundation height 800 mm	70 632	875	Included		
		84 303	Ø 265 Drive-through protection* up to 7.5 t · 50 km/h · Foundation height 380 mm	70 632	875	Included		
		H 99 627	Ø 265 With 2 safety sockets 250 V type F Behind a lockable door	70 869	875	70 896		
				84 095	Ø 265 With 2 CEE sockets 400V, with 3 CEE sockets 250V With 3 safety sockets 250 V type F, with RCD With 2 automatic cutouts 3-pole With 6 automatic cutouts 1-pole		1150	70 896
		I		84 096	Ø 265 Without installation inserts with 2 fuse boxes, 8-part		1150	70 896
		J		84 097	Ø 265 With charging module insert for electric vehicles (type 2) max. 22 kW		1150	70 896
			L	71 128	Ø 265 Closing head without illumination function	–	20	–

* BEGA Vehicle Blocker® β = Half beam angle

A	<p>Bollard tubes without components</p> <p>Bollard tubes without any additional components form the basic tubes of the system bollards.</p> <p>These bollard tubes are available in a choice of two versions: aluminium or Accoya® wood and aluminium.</p>		G	<p>BEGA Vehicle Blocker® Bollard tubes as drive-through protection*</p> <p>Concrete-casting bollard tubes for foundations to be provided by the customer. Statically tested foundation plans for different foundation heights and application situations – certified for drive-through protection up to 7.5 t · 50 km/h – will be provided upon receipt of your order.</p>	
B	<p>Bollard tubes with floodlight</p> <p>Bollard tubes with built-in floodlight. The floodlight has an adjustable inclination angle of $\pm 30^\circ$, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants. BEGA Hybrid Optics®</p> <p>LED floodlight 23.0 W · 2500 lm · $\beta = 18^\circ$ LED colour temperature 3000 K or 4000 K</p>		H	<p>Bollard tubes with two safety sockets behind a lockable door</p> <p>Bollard tubes with two integral 250 V type F (German/European system) safety sockets and RCD behind a lockable door</p>	
C	<p>Bollard tubes with PIR motion and light sensor</p> <p>Bollard tubes with built-in passive infrared motion and light sensors react to thermal radiation in the dark. Other luminaires can be operated directly.</p>		I	<p>Bollard tubes with lockable door with or without installation inserts</p> <p>Bollard tubes with connection compartment with three built-in 250 V type F (German/European system) safety sockets, three 250 V CEE sockets, two 400 V CEE sockets, eight C 16 A automatic cutouts and residual current devices, plus a lockable door. Optionally available without installation inserts.</p>	
D	<p>Bollard tubes with PIR motion and light sensor · DALI</p> <p>Bollard tubes with passive infrared motion and light sensor react to thermal radiation in the dark. Additional luminaires can be controlled via a DALI bus. A DALI power supply is required to control an independent DALI line.</p>		J	<p>Bollard tubes with charging module insert for electric vehicles (type 2) behind a lockable door</p> <p>Bollard tubes with charging module insert for electric vehicles (type 2) for charging outputs of 11 kW and 22 kW.</p>	
E	<p>Bollard tubes with Zigbee control module</p> <p>Bollard tubes with a built-in Zigbee control module can be controlled via a Zigbee network.</p>		K	<p>Bollard tubes with an integral safety socket</p> <p>Bollard tubes with a freely accessible built-in 250 V type F (German/European system) safety socket. Cover made of cast aluminium</p>	
F	<p>Bollard tubes with single emergency lighting battery</p> <p>Bollard tubes with built-in emergency lighting battery insert with self-test function for three hours of emergency lighting operation.</p>		L	<p>Closing heads for bollard tubes</p> <p>Closing heads allow bollard tubes to be used without a lighting function: for example, as a bollard with drive-through protection – BEGA Vehicle Blocker®.</p>	

* For illustrative purposes, the figure shows the internal concrete core to be provided on site.



System bollards

Unshielded with safety guard · Light emission 360°

These unshielded luminaire heads from our modular system bollard range are equipped with a robust safety guard and emit their light in all directions around the installation point. Luminaires for the illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all square bollard tubes can be found on Page 252.

These BEGA system bollards are equipped with an alignable mounting system.

It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 820 · 1775 lm

Connected wattage 9.8 · 18.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Crystal glass, inside white

DALI-controllable power supply units

BEGA Thermal Management®

Unshielded with safety guard
Light emission 360°

LED colour temperature

3000 K – article number + **K3**

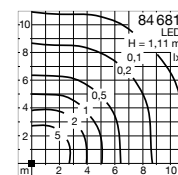
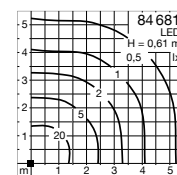
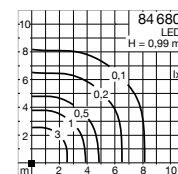
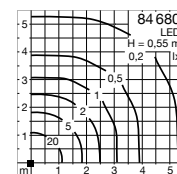
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

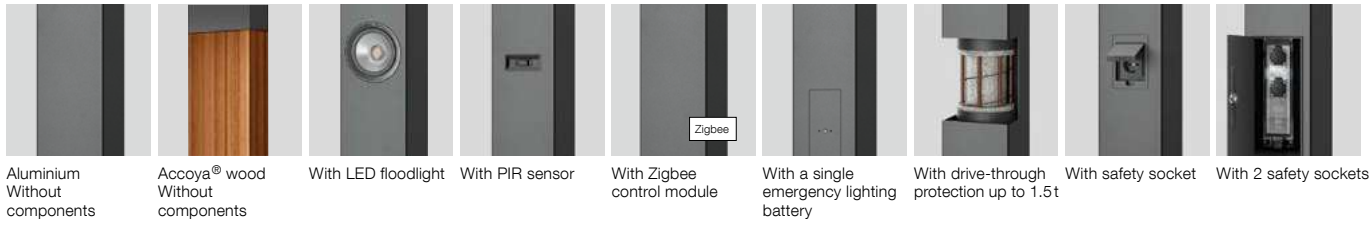
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 252.



Aluminium
Without
components

Accoya® wood
Without
components

With LED floodlight

With PIR sensor

With Zigbee
control module

With a single
emergency lighting
battery

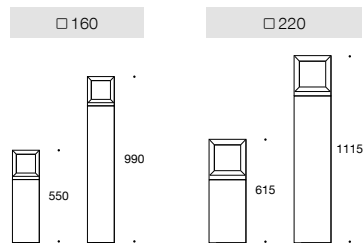
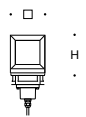
With drive-through
protection up to 1.5t

With safety socket

With 2 safety sockets



Closing head



System bollard heads · Light emission 360°

	LED	PSU	□	H	AC/DC
84 680	9.8 W 820 lm	DALI	160	175	✓
84 681	18.0 W 1775 lm	DALI	220	235	✓





System bollards
Shielded · Light emission 360°

These luminaire heads from our modular system bollard range emit their completely shielded light from all four sides onto the ground surface to be illuminated. Luminaires for the illumination of pathways, open spaces and driveways.

Simply order the bollard head and your preferred bollard tube to go with it.

An overview of the bollard tubes compatible with this bollard head can be found at the top of the next page. Additional information on all square bollard tubes can be found on Page 252.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA system bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	390 · 715 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	20.0 · 30.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
 Borosilicate glass

DALI-controllable power supply units

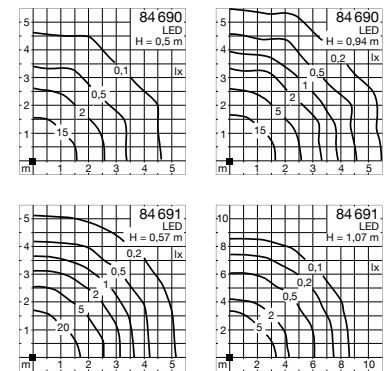
BEGA Thermal Management®

Shielded · Light emission 360°

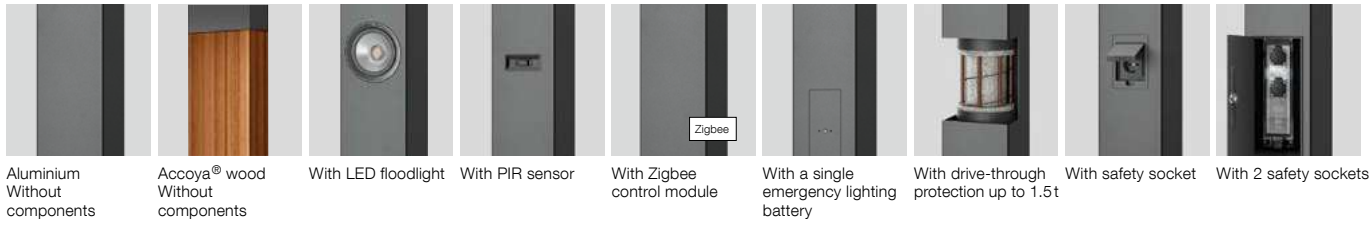
LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules



For matching bollard tubes, see Page 252.



Aluminium
Without
components

Accoya® wood
Without
components

With LED floodlight

With PIR sensor

With Zigbee
control module

With a single
emergency lighting
battery

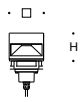
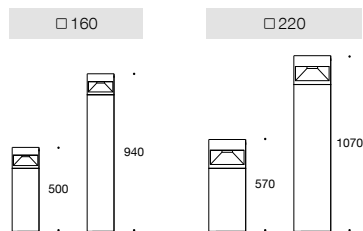
With drive-through
protection up to 1.5t

With safety socket

With 2 safety sockets



Closing head



System bollard heads · Light emission 360°

	LED	PSU	□	H	AC/DC
84 690	20.0 W 390 lm	DALI	160	125	✓
84 691	30.0 W 715 lm	DALI	220	190	✓





BEGA bollard tubes · square

As a supplement to BEGA bollard heads

On this page, you will find all bollard tubes for the bollard heads on Pages 248 to 251. A brief description on Page 253 gives you a compact overview of the bollard tubes and their functions. Detailed technical and lighting data for all the system components can be found in the data sheets and instructions for use on our website.

Bollard tubes with safety sockets have a type F socket (German/European system) as standard. On request, we can also supply the bollard tubes with other socket types for the same price. Additional information on socket types can be found on Page 580

Simply order the bollard head and your preferred bollard tube to go with it. The two modules can be quickly and easily connected to one another during installation.

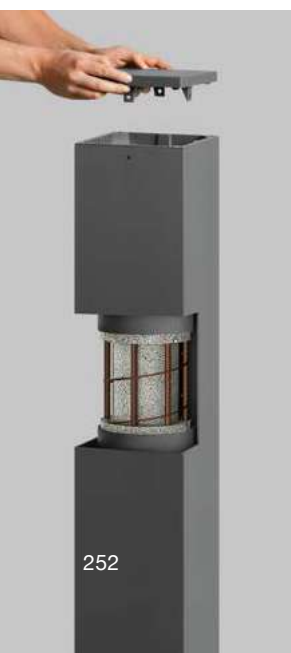
Protection class IP 65 · Cast aluminium, aluminium and stainless steel

BEGA bollard tubes are bolted with a mounting plate onto a foundation provided by the customer or an anchorage unit made of hot-dip galvanised steel.

The mounting system can be used to align the bollard tube. Anchorage units are accessories and must be ordered separately. Additional information on BEGA anchorage units can be found on Page 583.

Bollard tube colour BEGA Unidure®

■ Graphite – article number
■ Silver – article number + A



	Bollard tubes	Connection	H	Anch. unit
□ 160	A 84 000 □ 160 Without components · Low	Terminals 3 × 4 [□]	375	70 895
	84 002 □ 160 Without components · High	70 632	815	70 895
	84 466 □ 160 Without components · Accoya® wood · High	71 084	815	70 895
	C 84 762 □ 160 With PIR motion and light sensor	71 084	815	70 895
	D 84 150 □ 160 With PIR motion and light sensor · DALI	71 084	815	70 895
	E 84 022 □ 160 With control module · Zigbee	71 084	815	70 895
	F 84 006 □ 160 With single emergency lighting battery 10W · 3h	70 629	815	70 895
	K 84 149 □ 160 With safety socket 250 V type F	70 629	815	70 895
L 71 124 □ 160 Closing head without illumination function	–	20	–	


	Bollard tubes	Connection	H	Anch. unit
□ 220	A 84 001 □ 220 Without components · Low	Terminals 3 × 4 [□]	375	70 896
	84 003 □ 220 Without components · High	71 084	875	70 896
	84 467 □ 220 Without components · Accoya® wood · High	71 084	875	70 896
	B 84 834 □ 220 With LED floodlight 23.0 W · 2500 lm · $\beta = 18^\circ$	70 084	875	70 896
	C 84 763 □ 220 With PIR motion and light sensor	71 084	875	70 896
	D 84 152 □ 220 With PIR motion and light sensor · DALI	71 084	875	70 896
	E 84 023 □ 220 With control module · Zigbee	71 084	875	70 896
	F 84 008 □ 220 With single emergency lighting battery 10W · 3h	70 629	875	70 896
	G 84 016 □ 220 Drive-through protection* up to 1.5t · 50 km/h · Foundation height 800 mm	70 632	875	Included
	H 84 004 □ 220 With 2 safety sockets 250 V type F Behind a lockable door	70 869	875	70 896
L 71 125 □ 220 Closing head without illumination function	–	20	–	

* BEGA Vehicle Blocker® β = Half beam angle

A

Bollard tubes without components


Bollard tubes without any additional components form the basic tubes of the system bollards. These bollard tubes are available in a choice of two versions: aluminium or Accoya® wood and aluminium.



F

Bollard tubes with single emergency lighting battery

Bollard tubes with built-in emergency lighting battery insert with self-test function for three hours of emergency lighting operation.




B

Bollard tubes with floodlight

Bollard tubes with built-in floodlight. The floodlight has an adjustable inclination angle of $\pm 30^\circ$, can be rotated by 360° and adds an extra function to a system bollard so that it can illuminate architectural details, trees or plants. BEGA Hybrid Optics®


LED floodlight 23.0 W · 2500 lm · $\beta = 18^\circ$
LED colour temperature 3000 K or 4000 K



G

**BEGA Vehicle Blocker®
Bollard tubes as drive-through protection***


Concrete-casting bollard tubes for foundations to be provided by the customer. Statically tested foundation plans – certified for drive-through protection up to 1.5 t · 50 km/h – will be provided upon receipt of your order.



C

Bollard tubes with PIR motion and light sensor


Bollard tubes with built-in passive infrared motion and light sensors react to thermal radiation in the dark. Other luminaires can be operated directly.



H

Bollard tubes with two safety sockets behind a lockable door


Bollard tubes with two integral 250 V type F (German/European system) safety sockets and RCD behind a lockable door



D

Bollard tubes with PIR motion and light sensor · DALI

Bollard tubes with passive infrared motion and light sensor react to thermal radiation in the dark. Additional luminaires can be controlled via a DALI bus. A DALI power supply is required to control an independent DALI line.



K

Bollard tubes with an integral safety socket

Bollard tubes with a freely accessible built-in 250 V type F (German/European system) safety socket. Cover made of cast aluminium



E

Bollard tubes with Zigbee control module


Bollard tubes with a built-in Zigbee control module can be controlled via a Zigbee network.



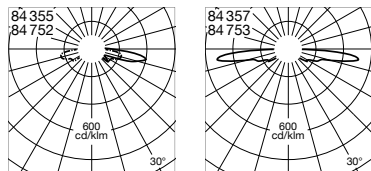
L

Closing heads for bollard tubes

Closing heads allow bollard tubes to be used without a lighting function: for example, as a bollard with drive-through protection – BEGA Vehicle Blocker®.



* For illustrative purposes, the figure shows the internal concrete core to be provided on site.



On-ground luminaires Light emission 180° or 360°

For decades, BEGA luminaires from this series have been outstanding lighting construction details on numerous exterior installations worldwide.

These new luminaires have been developed as successors in terms of design and lighting technology. These on-ground luminaires with high luminous efficiency are particularly suitable for the wide-area illumination of pathways from a very low mounting height. Luminaires for visual guidance in private and public areas. We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires

to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

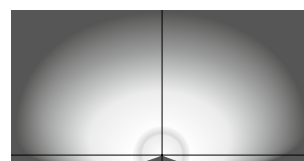
Luminaire data

Luminaire luminous flux	310 to 1535 lm
Connected wattage	6.6 to 22.5 W
Protection class	IP 67
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
Optical silicone lens	
BEGA Hybrid Optics®	
On/off or DALI-controllable power supply units	
Integrated water stop and connecting cable	
BEGA Thermal Management®	
Light emission 180° or 360°	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

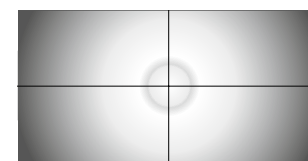


Connection housing

We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.



180°

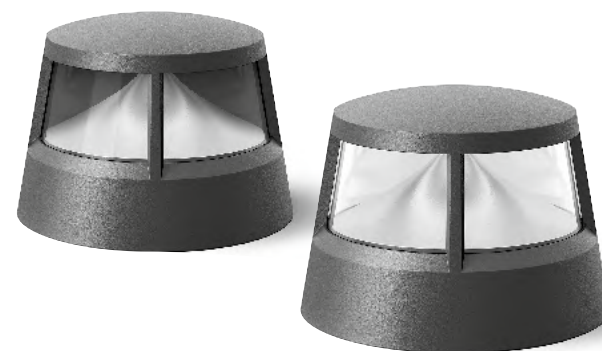


360°



On-ground luminaires · Light emission 180°							Connection housing
	LED		PSU	A	B	AC/DC	
84 752	6.6 W	310 lm	on/off	170	120	✓	71 246
84 355	13.8 W	605 lm	DALI	210	150	✓	71 246

On-ground luminaires · Light emission 360°							Connection housing
	LED		PSU	A	B	AC/DC	
84 753	15.4 W	970 lm	on/off	170	120	✓	71 246
84 357	22.5 W	1535 lm	DALI	210	150	✓	71 246





On-ground luminaire · Surface washer
Asymmetrical light distribution

Compact on-ground luminaires for light from a very low mounting height. The asymmetrical light distribution is suitable for glare-free illumination of ground surfaces in front of the point of installation of the luminaire.

Luminaires for illuminating driveways and footpaths, for marking ground surfaces and for visual guidance in private and public areas.

These luminaires are characterised by a robust design made of cast aluminium and by cost-effective and durable LED technology.

These BEGA on-ground luminaires can be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	340 · 710 lm
Connected wattage	11.2 · 19.5 W
Protection class	IP 67

Cast aluminium, aluminium and stainless steel
 Safety glass
 Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

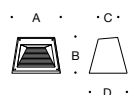
Luminaire colour · BEGA Unidure®

■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules

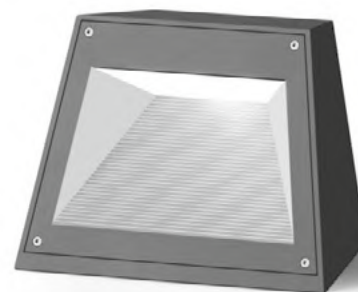


Asymmetrical light distribution



On-ground luminaires · **Asymmetrical** light distribution

	LED	PSU	A	B	C	D	AC/DC	Anchorage unit
77 791	11.2 W	340 lm	DALI	230	170	90	180	✓ 70 894
84 815	19.5 W	710 lm	DALI	230	170	90	180	✓ 70 894





Asymmetrical flat beam
light distribution



Matching wall luminaires Page 132

On-ground luminaire · Surface washer
Asymmetrical flat beam light distribution

On-ground luminaire for light from a very low mounting height.
The asymmetrical flat beam light distribution is suitable for glare-free illumination of ground surfaces even far ahead of where the luminaire is installed.

Luminaires for the spatial illumination of driveways and wide footpaths, or for delimiting square-like areas.

These luminaires are characterised by a robust design made of cast aluminium and by cost-effective and durable LED technology.

These BEGA on-ground luminaires can be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	845 lm
Connected wattage	14.5 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium

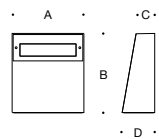
DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

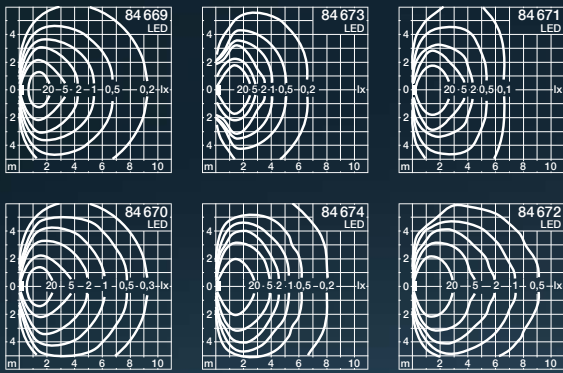
20-year availability guarantee for LED modules



On-ground luminaire · **Asymmetrical flat beam** light distribution

	LED	PSU	A	B	C	D	AC/DC	Anch. unit	
84 081	14.5 W	845 lm	DALI	340	375	90	155	✓	71 890





Bollards

Bollards in two different heights with the same design features, but with different forms of light distribution.

• Unshielded light

These luminaires emit unshielded light into the space. At the same distance, they ensure uniform illumination of ground surfaces, persons as well as architectural elements. Luminaires with a high proportion of vertical illuminance.

• Asymmetrical flat beam light distribution

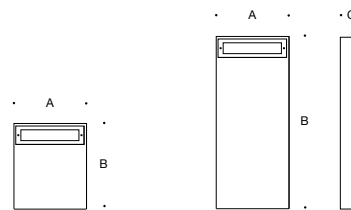
These luminaires emit their light across the width of the space. The light is directed downwards and is shielded above the horizontal. For the uniform illumination of open spaces and footpaths in the vicinity of the luminaire with a very wide beam of light.

• Asymmetrical shielded light distribution

The light from these luminaires is directed downwards and is completely shielded above the horizontal. The greatest degree of illuminance is generated in the immediate vicinity of the luminaire. Luminaires with a high level of visual comfort for the uniform illumination of footpaths and surfaces with maximum glare suppression.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



Bollards · Unshielded light								
	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit
84 669	13.8 W	905 lm	DALI Terminals 5 × 4 [□]	340	400	100	✓	71 890
84 670	13.8 W	905 lm	DALI 70 632	340	800	100	✓	71 890

Bollards · Asymmetrical flat beam light distribution								
	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit
84 673	13.8 W	1025 lm	DALI Terminals 5 × 4 [□]	340	400	100	✓	71 890
84 674	13.8 W	1025 lm	DALI 70 632	340	800	100	✓	71 890

Bollards · Asymmetrical shielded light distribution								
	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit
84 671	13.8 W	1100 lm	DALI Terminals 5 × 4 [□]	340	400	100	✓	71 890
84 672	13.8 W	1100 lm	DALI 70 632	340	800	100	✓	71 890



Unshielded light



Asymmetrical flat beam
light distribution



Asymmetrical shielded light distribution

Luminaire data

Luminaire luminous flux 905 to 1100 lm

Connected wattage 13.8 W

Protection class IP 65

Cast aluminium, aluminium and
stainless steel

Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

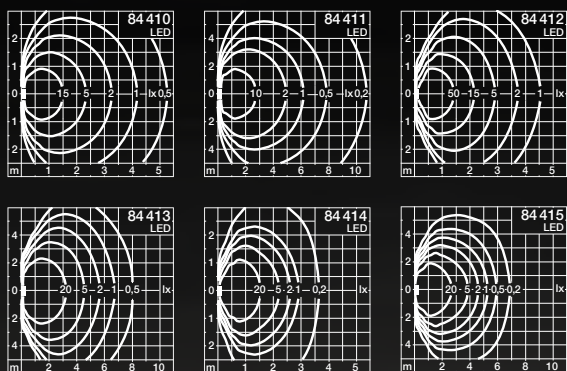
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for
LED modules





Bollards

Bollards in two different heights with the same design features, but with different forms of light distribution.

• Unshielded light

These luminaires emit unshielded light into the space. At the same distance, they ensure uniform illumination of ground surfaces, persons as well as architectural elements. Luminaires with a high proportion of vertical illuminance.

• Asymmetrical flat beam light distribution

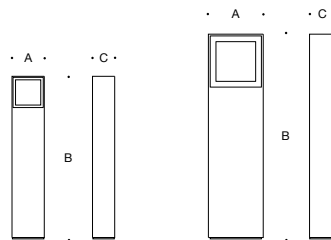
These luminaires emit their light across the width of the space. The light is directed downwards and is shielded above the horizontal. For the uniform illumination of open spaces and footpaths in the vicinity of the luminaire with a very wide beam of light.

• Asymmetrical shielded light distribution

The light from these luminaires is directed downwards and is completely shielded above the horizontal. The greatest degree of illuminance is generated in the immediate vicinity of the luminaire. Luminaires with a high level of visual comfort for the uniform illumination of footpaths and surfaces with maximum glare suppression.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



Bollards · Unshielded light

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit	
84 410	3.9 W	320 lm	on/off	70 632	160	800	110	✓	71 178
84 411	10.8 W	830 lm	DALI	71 084	270	1000	120	✓	71 890

Bollards · Asymmetrical flat beam light distribution

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit	
84 412	4.0 W	400 lm	on/off	70 632	160	800	110	✓	71 178
84 413	13.5 W	1710 lm	DALI	71 084	270	1000	120	✓	71 890

Bollards · Asymmetrical shielded light distribution

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit	
84 414	4.0 W	265 lm	on/off	70 632	160	800	110	✓	71 178
84 415	13.5 W	1110 lm	DALI	71 084	270	1000	120	✓	71 890



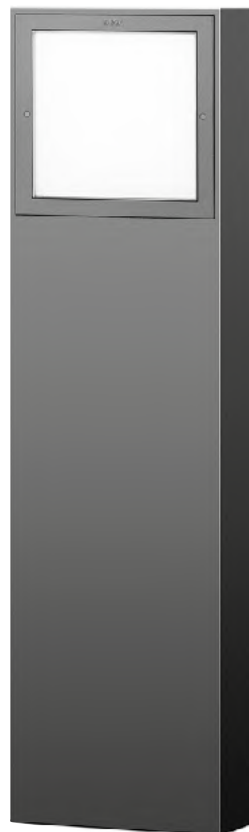
Unshielded light



Asymmetrical flat beam
light distribution



Asymmetrical shielded light distribution



Luminaire data

Luminaire luminous flux 265 to 1710 lm

Connected wattage 3.9 to 13.5 W

Protection class IP 65

Cast aluminium, aluminium and
stainless steel

Safety glass

Reflector made of pure anodised aluminium

On/off or DALI-controllable
power supply units

BEGA Thermal Management®

LED colour temperature

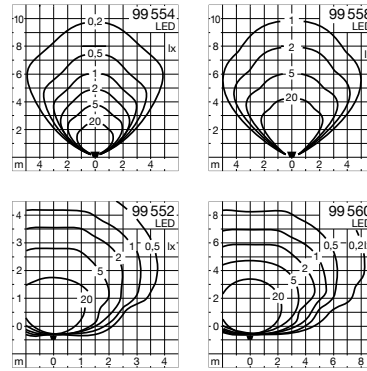
3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite

20-year availability guarantee for
LED modules



Bollards

Spatial or flat beam illumination of horizontal surfaces

Bollards with the same design features but with different light distribution.

• Spatial illumination

These luminaires emit their light into the depth of the space. The light is directed downwards and is shielded above the horizontal.

Luminaires for a high degree of illuminance in the near field and good spatial visual comfort, e.g. for illuminating wide paths and open spaces.

• Flat beam light distribution

These luminaires emit their light across the width of the space. The light is directed downwards and is shielded above the horizontal. For the uniform illumination of open spaces and footpaths in the vicinity of the luminaire with a very wide beam of light.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	425 to 1985 lm
Connected wattage	5.5 to 21.2 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

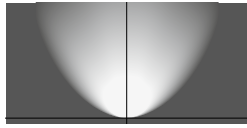
Spatial or flat beam illumination of horizontal surfaces

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**

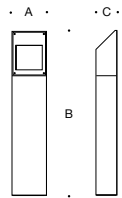
20-year availability guarantee for LED modules



Spatial illumination



Flat beam illumination



Bollards for the **spatial illumination of horizontal surfaces**

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit	
99 554	5.5 W	425 lm	DALI	Terminals 5 × 4 [□]	160	800	110	✓	70 894
99 558	14.8 W	1355 lm	DALI	70 632	250	1100	140	✓	70 895

Bollards for the **flat beam illumination of horizontal surfaces**

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit	
99 552	7.5 W	625 lm	DALI	Terminals 5 × 4 [□]	160	800	110	✓	70 894
99 560	21.2 W	1985 lm	DALI	70 632	250	1100	140	✓	70 895





Bollards

Asymmetrical or flat beam light distribution

New bollards with a striking design for the glare-free illumination of ground surfaces. Robust luminaires that are ideal for illuminating public paths and traffic areas. They are characterised by the availability of two light characteristics as well as their solid and unmistakable design.

- Thanks to their **asymmetrical** light distribution, these luminaires are ideal for the spatial illumination of spaces, such as small open spaces, entrance areas and parking spaces for bicycles and e-bikes.
- **Flat beam** light distribution is the classic form of distribution for paths, entrance areas and anywhere else high uniformity and large light point intervals are required.

These luminaires are equipped with BEGA Thermal Management® to protect against overheating due to excessive ambient temperatures.

BEGA Ultimate Driver® is also a guarantee for premium component quality and the extra-long service life of the power supply units used.

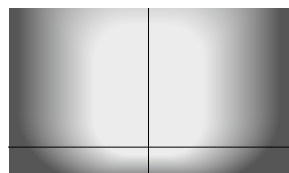
These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

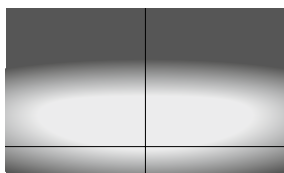
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

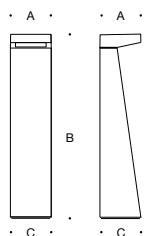
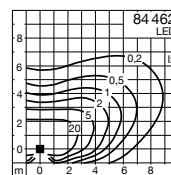
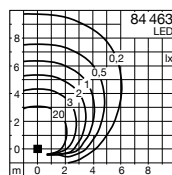
Luminaire luminous flux	1470 · 1840 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	13.6 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Asymmetrical or flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Asymmetrical light distribution



Flat beam light distribution



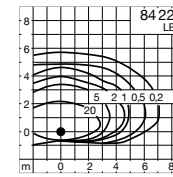
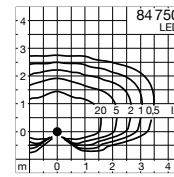
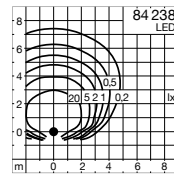
Bollard · **Asymmetrical** light distribution

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit
84 463	13.6 W 1840 lm	DALI	71 084	220x220	1000	220x220	✓	70 896

Bollard · **Flat beam** light distribution

	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit
84 462	13.6 W 1470 lm	DALI	71 084	220x220	1000	220x220	✓	70 896





Bollards

Asymmetrical or flat beam light distribution

Shielded bollards for the glare-free illumination of ground surfaces. Luminaires for the spatial or flat beam illumination of horizontal surfaces

- Luminaires with **asymmetrical** light distribution are particularly suitable for the illumination of squares and wide pathways, thanks to their spatial illumination of ground surfaces.
- Luminaires with **flat beam** light distribution can be used to provide general path lighting with luminaires spaced far apart.

Light building elements with the same design features but with different dimensions can be found on Page 434.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

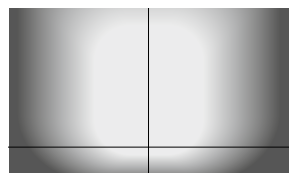
These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	655 to 1605 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	7.0 · 13.8 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units	
BEGA Thermal Management®	
Asymmetrical or flat beam light distribution	
LED colour temperature	3000 K – article number + K3 4000 K – article number + K4
Luminaire colour · BEGA Unidure®	■ Graphite – article number ■ Silver – article number + A
20-year availability guarantee for LED modules	



Asymmetrical light distribution



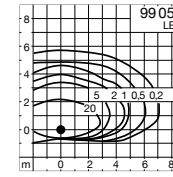
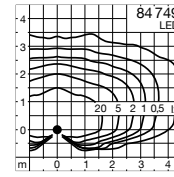
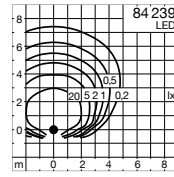
Flat beam light distribution



Bollard · Asymmetrical light distribution							
	LED	PSU	Connection	A	B	AC/DC	Anch. unit
84 238	13.8 W	1605 lm	DALI	Terminals 5 × 4 [□]	160 × 160	945	✓ 70 895

Bollards · Flat beam light distribution							
	LED	PSU	Connection	A	B	AC/DC	Anch. unit
84 750	7.0 W	655 lm	DALI	Terminals 5 × 4 [□]	160 × 160	495	✓ 70 895
84 220	13.8 W	1435 lm	DALI	Terminals 5 × 4 [□]	160 × 160	945	✓ 70 895





Bollards

Asymmetrical or flat beam light distribution

Shielded bollards for the glare-free illumination of ground surfaces. Luminaires for the spatial or flat beam illumination of horizontal surfaces

- Luminaires with **asymmetrical** light distribution are particularly suitable for the illumination of squares and wide pathways, thanks to their spatial illumination of ground surfaces.
- Luminaires with **flat beam** light distribution can be used to provide general path lighting with luminaires spaced far apart.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 665 to 1695 lm

Luminous flux in the upper half-space < 1%

Connected wattage 7.0 · 13.8 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

Asymmetrical or flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

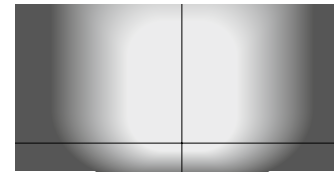
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

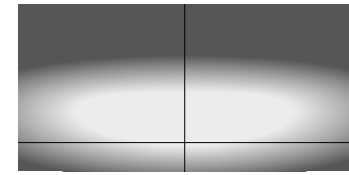
■ Graphite – article number

■ Silver – article number + **A**

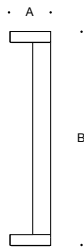
20-year availability guarantee for LED modules



Asymmetrical light distribution



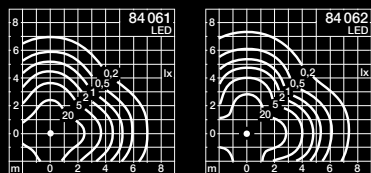
Flat beam light distribution



Bollard · Asymmetrical light distribution								
	LED		PSU	Connection	A	B	AC/DC	Anch. unit
84 239	13.8 W	1695 lm	DALI	Terminals 5 × 4 [□]	Ø 190	1000	✓	70 895

Bollards · Flat beam light distribution								
	LED		PSU	Connection	A	B	AC/DC	Anch. unit
84 749	7.0 W	665 lm	DALI	Terminals 5 × 4 [□]	Ø 190	550	✓	70 895
99 058	13.8 W	1415 lm	DALI	Terminals 5 × 4 [□]	Ø 190	1000	✓	70 895





Bollards Shielded light

Shielded bollards with wide beam light distribution for a high degree of illuminance on the ground surface.

The light is directed straight at the surface to be illuminated by a reflector.

They are robust luminaires that can be used to divide and give structure to outdoor spaces. They are particularly suitable for the illumination of squares, entrance areas and driveways.

Light building elements with the same design features but with different dimensions can be found on Page 442.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

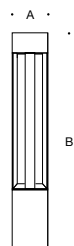
information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1445 · 1805 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	22.0 · 33.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units	
BEGA Thermal Management®	
Shielded light	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

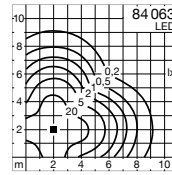


Light building elements Page 442



Bollards · Shielded light							
	LED	PSU	Connection box	A	B	AC/DC	Anch. unit
84 061	22.0 W	1445 lm	DALI	70 632	165 1000	✓	70 895
84 062	33.0 W	1805 lm	DALI	70 632	220 1200	✓	70 896





Bollard Shielded light

Shielded bollard with wide beam light distribution for a high degree of illuminance on the ground surface. The light is directed straight at the surface to be illuminated by a reflector. Robust and striking luminaires that can divide up and structure outdoor spaces. They have an orienting, guiding and demarcating function.

For the illumination of squares, entrance areas and driveways.

Light building elements with the same design features but with different dimensions can be found on Page 444.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

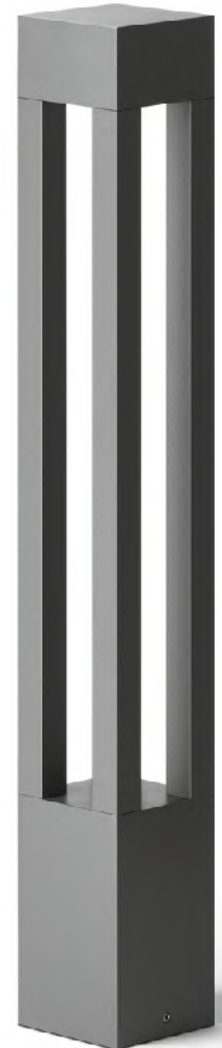
Luminaire luminous flux	1440 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	21.8 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

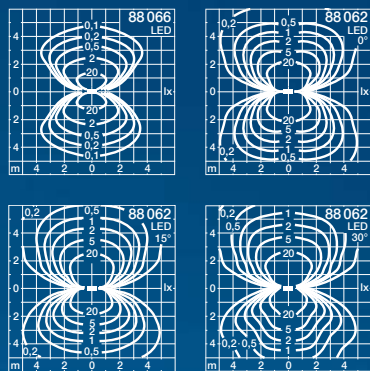


Light building elements Page 444



Bollard · Shielded light							
	LED	PSU	Connection box	A	B	AC/DC	Anch. unit
84 063	21.8 W	1440 lm	DALI	70 632	160 × 160	1000	✓ 70 895





Light building elements Page 440

Bollards

Fixed symmetrical light distribution Or adjustable light distribution

Bollards with fixed symmetrical or adjustable light distribution.

- Luminaire 88 066 features **fixed symmetrical** light distribution.
- Luminaire 88 062 features **adjustable** light distribution. This internal adjustment device allows the optical system to be adjusted to 0°, 15° or 30°. This means that symmetrical light distribution with equal proportions of light or different asymmetrical light distributions can be achieved.

Robust and striking luminaires that can divide up and structure outdoor spaces.

Light building elements with the same design features but with different dimensions can be found on Page 440.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

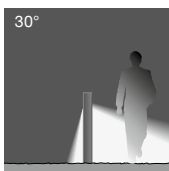
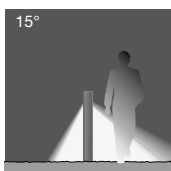
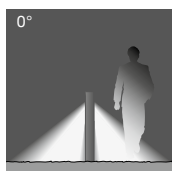
information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

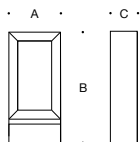
Luminaire luminous flux	600 · 1770 lm
Connected wattage	9.3 · 20.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units	
BEGA Thermal Management®	
88 066 fixed symmetrical light distribution	
88 062 optical system	
Adjustable to 0°, 15° or 30°	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



88 066 fixed symmetrical light distribution

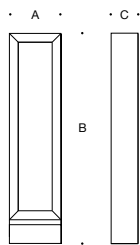


88 062 adjustable light distribution



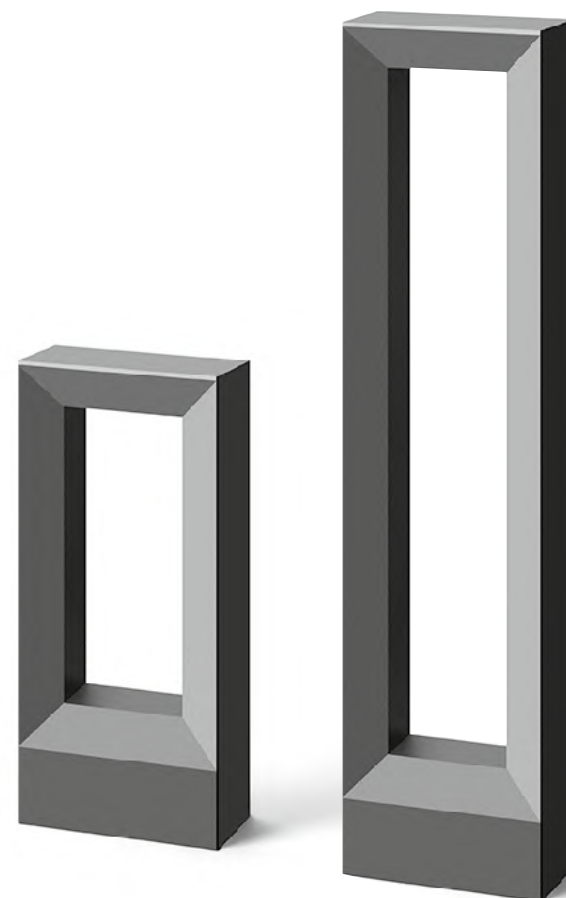
Bollard · **Fixed symmetrical** light distribution

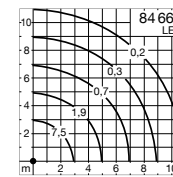
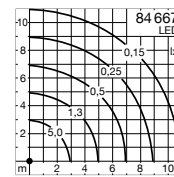
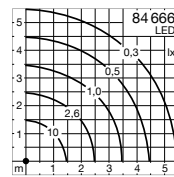
	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit
88 066	9.3 W	600 lm	DALI	Terminals 5 × 4 [□]	270	600	140	✓ 70 895



Bollard · **Adjustable** light distribution

	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit
88 062	20.0 W	1770 lm	DALI	Terminals 5 × 4 [□]	270	1100	140	✓ 70 895





Bollards Unshielded light

Unshielded bollards with a square layout and light emission on four sides – illuminating design elements for public areas. They have an orientating, guiding and demarcating function and are particularly suitable for dividing or giving structure to outdoor spaces and as lighting for footpaths, squares, gardens and access roads.

Wall luminaires that match the shape and design of the luminaires in this series can be found on Page 146 – and matching light building elements on Page 446.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

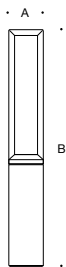
Luminaire luminous flux	850 to 3170 lm
Connected wattage	9.6 to 35.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cover, white	
DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Light building elements Page 446

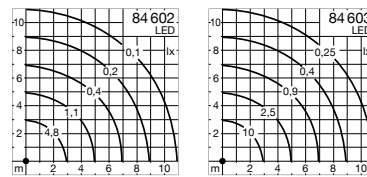


Wall luminaires Page 146



Bollards - Unshielded light							Anch. unit	
	LED	PSU	Connection boxes	A	B	AC/DC		
84 666	9.6 W	850 lm	DALI	Terminals 5 × 4 [□]	120 × 120	800	✓	70 894
84 667	25.5 W	2550 lm	DALI	70 632	160 × 160	1100	✓	70 895
84 668	35.0 W	3170 lm	DALI	70 632	220 × 220	1200	✓	70 896





Bollards Unshielded light

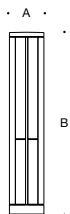
Unshielded bollards with rotationally symmetrical light distribution. A white impact-resistant synthetic cylinder ensures uniform distribution of the light. Robust luminaires that can divide up and structure outdoor spaces. They have an orienting, guiding and demarcating function. Luminaires for the illumination of footpaths, squares, gardens and driveways.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order anchorage units as separate accessories. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2020 · 2800 lm
Connected wattage	17.6 · 36.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cover, white	
DALI-controllable power supply units	
BEGA Thermal Management®	
Unshielded light	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Bollards · Unshielded light							Anch. unit	
	LED	PSU	Connection boxes	A	B	AC/DC		
84 602	17.6 W	2020 lm	DALI	Terminals 5 × 4 [□]	160	850	✓	70 895
84 603	36.0 W	2800 lm	DALI	70 632	230	1100	✓	70 896





Garden and pathway luminaires
Unshielded light on one or two sides

Unshielded luminaires for illuminating footpaths and entrance areas in garden and residential areas.

In order to meet the various lighting requirements, we can supply these luminaires with light emission on one or two sides.

Luminaires that are impressive at night with their vertical light surfaces and convincing during the day with their high-contrast design. Suitable for private and public areas where there is no risk of vandalism.

These BEGA garden and pathway luminaires are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory.

Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 815 · 1645 lm

Connected wattage 13.5 · 26.5 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

on/off power supply units

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

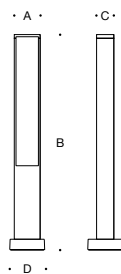
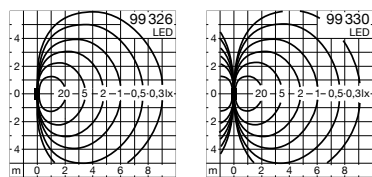
■ Graphite – article number

■ Silver – article number + **A**

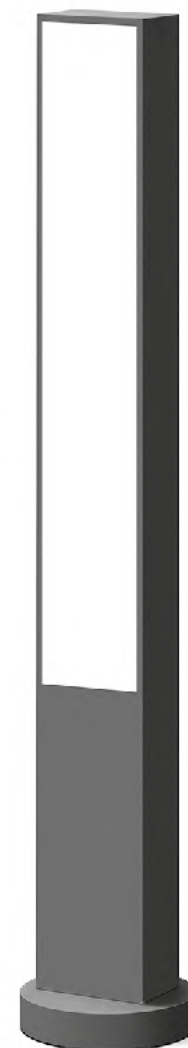
20-year availability guarantee for LED modules



Light building elements Page 432



Garden and pathway luminaire - One-sided									
	LED	PSU	Connection	A	B	C	D	AC/DC	Anch. unit
99 326	13.5 W	815 lm	on/off	Terminals 3 × 4 [□]	120	1000	80	160	✓ 70 895
Garden and pathway luminaire - Two-sided									
	LED	PSU	Connection	A	B	C	D	AC/DC	Anch. unit
99 330	26.5 W	1645 lm	on/off	Terminals 3 × 4 [□]	120	1000	80	160	✓ 70 895





Garden and pathway luminaires Unshielded light

These garden and pathway luminaires with unshielded light are available in two heights. The luminaires have a square layout. A striking frame encompasses the thick-walled luminaire glass without impairing the light emission.

Garden and pathway luminaires for many areas of garden and landscape architecture where there is no risk of vandalism.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. Additional information on BEGA distribution boxes can be found on Page 581.

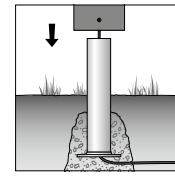
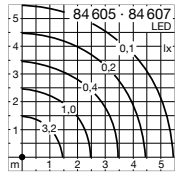
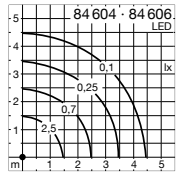
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

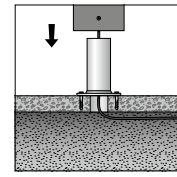
Luminaire data

Luminaire luminous flux	260 lm
Connected wattage	4.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Crystal glass, inside white	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
LED colour temperature 3000 K – article number + K3	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	





Anchorage unit

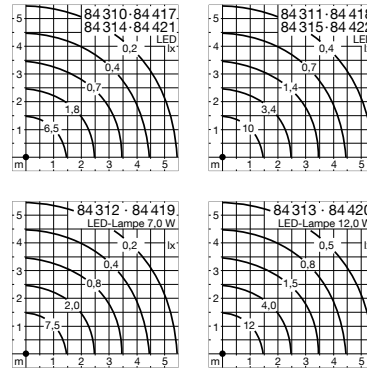


Screw-on base



Garden and pathway luminaires

With anch. unit	With Screw-on base	LED	PSU	Connection	A	B	AC/DC
84 604	84 606	4.0 W 260 lm	on/off	Terminals 3 × 2.5 [□]	120 × 120	400	✓
84 605	84 607	4.0 W 260 lm	on/off	Terminals 3 × 2.5 [□]	120 × 120	800	✓



Garden and pathway luminaires
Unshielded · Light emission 360°
With optional PIR motion and light sensor

Garden and pathway luminaires for unshielded light, with hand-blown, three-ply opal glass and pleasantly uniform light effects. Luminaires for private and public areas where there is no risk of vandalism.

Luminaires with **passive infrared motion and light sensor** react to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. They are parametrised via Bluetooth® and the free BEGA Tool app. This allows individual light levels to be easily and conveniently defined for certain modes.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

Luminaires in this series with safety guard can be found on Page 348.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	460 to 880 lm
Connected wattage	5.0 to 12.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
 Opal glass with thread

Luminaires with LED module:
 on/off or DALI-controllable power supply units

BEGA Thermal Management®

Unshielded · Light emission 360°

Colour temperature for LED modules
 3000K – article number + **K3**
 4000K – article number + **K4**

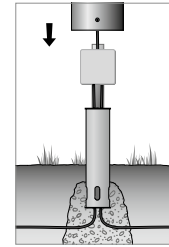
LED lamps colour temperature 3000K
 Included in the delivery

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

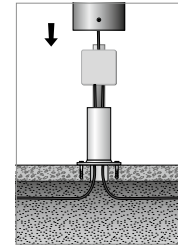
20-year availability guarantee for LED modules



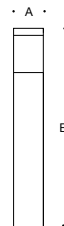
PIR motion and
light sensor



Anchorage unit



Screw-on base



Light emission 360° · Unshielded

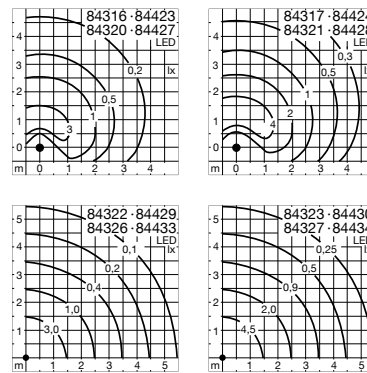
With anch. unit	with Screw-on base	LED		PSU	Connection	A	B	AC/DC
84 310	84 417	5.0 W	460 lm	on/off	Terminals 3 × 4 [□]	110	730	✓
84 311	84 418	10.0 W	730 lm	DALI	Terminals 5 × 4 [□]	140	900	✓
		LED lamp included		Base				
84 312	84 419	1 × 7.0 W	510 lm	E 27	Terminals 3 × 4 [□]	110	730	—
84 313	84 420	1 × 12.0 W	880 lm	E 27	Terminals 3 × 4 [□]	140	900	—

Light emission 360° · Unshielded · With PIR motion and light sensor

With anch. unit	with Screw-on base	LED		PSU	Connection	A	B	AC/DC
84 314	84 421	5.4 W	460 lm	on/off	Terminals 4 × 4 [□]	110	730	—
84 315	84 422	10.4 W	730 lm	on/off	Terminals 4 × 4 [□]	140	900	—



Technical data for BEGA LED lamps can be found on Page 564.



Garden and pathway luminaires

With safety guard · Light emission 180° or 360°
With optional PIR motion and light sensor

Garden and pathway luminaires with a safety guard and light emission of 180° or 360°.

The hand-blown, three-ply opal glass has a pleasantly uniform light effect. Luminaires for private and public areas where there is no risk of vandalism.

Luminaires with **passive infrared motion and light sensor** react to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. They are parametrised via Bluetooth® and the free BEGA Tool app. This allows individual light levels to be easily and conveniently defined for certain modes.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

Luminaires in this series without safety guard can be found on Page 346.

We supply the luminaires with built-in LED modules or with an E 14 or E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

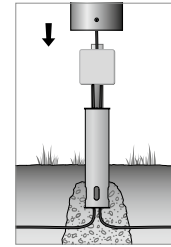
information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

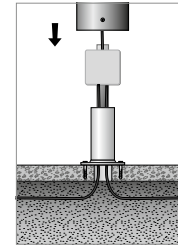
Luminaire luminous flux	55 to 350 lm
Connected wattage	4.0 to 10.4 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel Opal glass with thread	
Luminaires with LED module: on/off or DALI-controllable power supply units BEGA Thermal Management®	
With safety guard Light emission 180° or 360°	
Colour temperature for LED modules 3000K – article number + K3 4000K – article number + K4	
LED lamps colour temperature 3000K Included in the delivery	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



PIR motion and light sensor



Anchorage unit



Screw-on base



Light emission 180° · With safety guard

With anch. unit	with Screw-on base	LED	PSU	Connection	A	B	AC/DC
84 316	84 423	5.0 W	100 lm	on/off	Terminals 3 × 4 [□]	110 730	✓
84 317	84 424	10.0 W	180 lm	DALI	Terminals 5 × 4 [□]	140 900	✓
		LED lamp included	Base				
84 318	84 425	1 × 4.0 W	55 lm	E 14	Terminals 3 × 4 [□]	110 730	—
84 319	84 426	1 × 8.0 W	125 lm	E 27	Terminals 3 × 4 [□]	140 900	—

Light emission 180° · With safety guard · With PIR motion and light sensor

With anch. unit	with Screw-on base	LED	PSU	Connection	A	B	AC/DC
84 320	84 427	5.4 W	100 lm	on/off	Terminals 4 × 4 [□]	110 730	—
84 321	84 428	10.4 W	180 lm	on/off	Terminals 4 × 4 [□]	140 900	—

Light emission 360° · With safety guard

With anch. unit	with Screw-on base	LED	PSU	Connection	A	B	AC/DC
84 322	84 429	5.0 W	190 lm	on/off	Terminals 3 × 4 [□]	110 730	✓
84 323	84 430	10.0 W	350 lm	DALI	Terminals 5 × 4 [□]	140 900	✓
		LED lamp included	Base				
84 324	84 431	1 × 4.0 W	115 lm	E 14	Terminals 3 × 4 [□]	110 730	—
84 325	84 432	1 × 8.0 W	240 lm	E 27	Terminals 3 × 4 [□]	140 900	—

Light emission 360° · With safety guard · With PIR motion and light sensor

With anch. unit	with Screw-on base	LED	PSU	Connection	A	B	AC/DC
84 326	84 433	5.4 W	190 lm	on/off	Terminals 4 × 4 [□]	110 730	—
84 327	84 434	10.4 W	350 lm	on/off	Terminals 4 × 4 [□]	140 900	—





Garden and pathway luminaires Shielded light

Luminaires in two different mounting heights that are perfect for various situations along pathways and terraces in private gardens and house entrances where uniform, glare-free light is required.

The shielded light is exclusively directed onto the ground surfaces and the direct surroundings beneath the luminaire.

An ideal way of illuminating pathways, surfaces and flower beds with high visual comfort.

Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture.

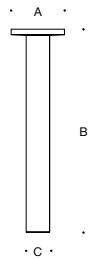
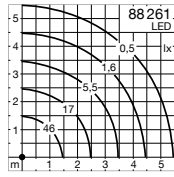
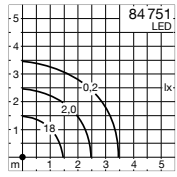
These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA garden and pathway luminaires are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	955 · 1865 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	9,4 · 17,4 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Garden and pathway luminaires

	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit	
84 751	9.4 W	955 lm	DALI	Terminals 5 × 4 [□]	250	550	110	✓	70 894
88 261	17.4 W	1865 lm	DALI	Terminals 5 × 4 [□]	250	950	110	✓	70 894





Garden and pathway luminaires

Shielded light in a single and double arrangement

Garden and pathway luminaires in a single and double arrangement. Glare-free luminaires with a high degree of visual comfort for the uniform illumination of ground surfaces.

The symmetrical, wide beam light distribution is particularly suitable for the illumination of pathways and entrance areas in private and public spaces where there is no risk of vandalism.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Luminaires that match the design and construction of the luminaires in this series can be found on Page 300.

These BEGA garden and pathway luminaires are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	780 · 1520 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	10.0 · 20.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Light deflection through synthetic cover with optical texture

DALI-controllable power supply units

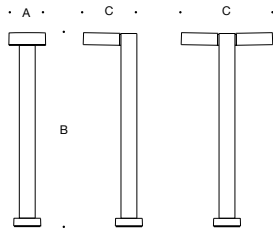
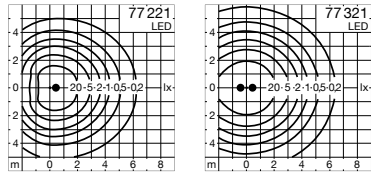
BEGA Thermal Management®

Symmetrical very wide beam light distribution

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules



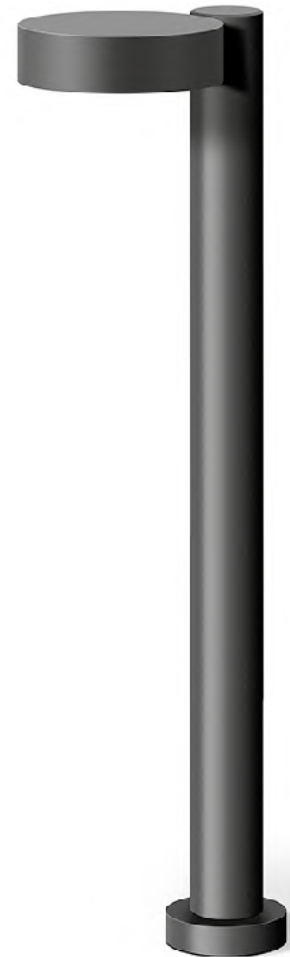
Garden and pathway luminaire · **Single**

	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit
77 221	10.0 W	780 lm	DALI	Terminals 5 × 4 [□]	190	1000	275 ✓	70 895



Garden and pathway luminaire · **Double**

	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit
77 321	20.0 W	1520 lm	DALI	Terminals 5 × 4 [□]	190	1000	475 ✓	70 895





Garden and pathway luminaires

Asymmetrical or asymmetrical flat beam light distribution

Surface washers for the uniform illumination of ground surfaces. The luminaire housing is adjustable, allowing the light distribution to be adapted to the requirements of the installation site.

LED surface washers for many areas of garden and landscape architecture where there is no risk of vandalism.

- **Asymmetrical light distribution** is used for the spatial illumination of entrance areas and driveways.
- **Asymmetrical flat beam light distribution** allows the luminaires to be spaced far apart and is particularly suitable for illuminating footpaths.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Pole-top luminaires that match the design and construction of the luminaires in this series can be found on Page 426.

These BEGA surface washers are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2055 · 2660 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	16.0 · 22.2 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

Infinitely adjustable attack angle from 0° to 90°

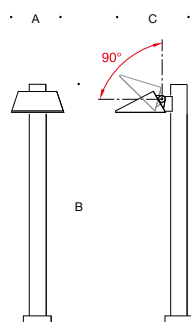
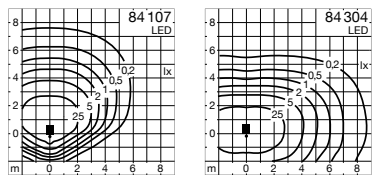
Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

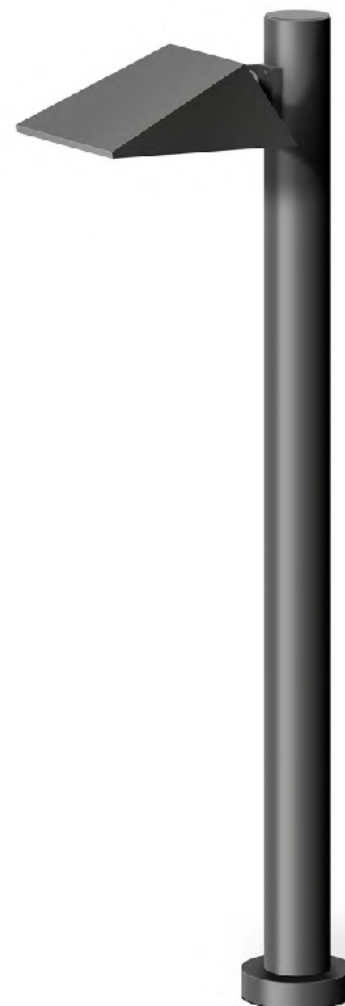
Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



Surface washer - Asymmetrical light distribution									
	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit	
84 107	22.2 W	2660 lm	DALI	Terminals 5 × 4 [□]	260	1200	360	✓	70 895
Surface washer - Asymmetrical flat beam light distribution									
	LED	PSU	Connection	A	B	C	AC/DC	Anch. unit	
84 304	16.0 W	2055 lm	DALI	Terminals 5 × 4 [□]	260	1200	360	✓	70 895





Pathway luminaire · Indication luminaire

As a design alternative to bollards, these luminaires enable the illumination of pathways, entrances and driveways. In addition, they can perform a guiding and structuring function in traffic areas. The shielded light of the luminaires is emitted along the entire length of the cross beam and illuminates the ground surface below it – in the indication luminaire version, the sign is illuminated as well.

Indication luminaires can be supplied with signs complete with individual lettering, symbols and logos. Indication luminaires allow fast and reliable orientation and make it possible to find an address by day and by night.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

These BEGA pathway or indication luminaires are screwed onto a BEGA anchorage unit. The anchorage unit is included in the delivery.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

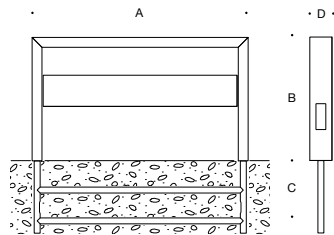
Luminaire luminous flux	3655 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	53.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
With anchorage unit for installation in soil	
99 069	
Lettering on one or two sides	
Sign height 150 to 350 mm	
DALI-controllable power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Pathway luminaire



Indication luminaire with sign illuminated from above



Pathway luminaire									
	LED		PSU	Connection box	A	B	C	D	
99 061	53.0 W	3655 lm	DALI	70 632	1755	1000	600	180 × 80	

Indication luminaire · With sign illuminated from above									
	LED		PSU	Connection box	A	B	C	D	
99 069	53.0 W	3655 lm	DALI	70 632	1755	1000	600	180 × 80	





Garden and pathway luminaires for private use **Shielded light**

Compact luminaires in two sizes for many situations on footpaths and terraces in private gardens and house entrances. They illuminate ground surfaces glare-free and uniformly from a low height. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With mounting plate

Additional information on BEGA anchorage units can be found on Page 581.

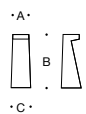
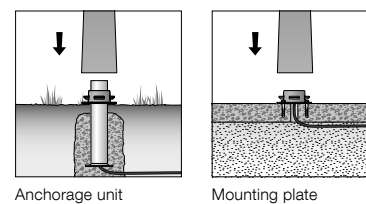
If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. Additional information on BEGA distribution boxes can be found on Page 581.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	235 · 850 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	4.9 · 13.6 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
On/off power supply units	
BEGA Thermal Management®	
LED colour temperature	3000 K – article number + K3
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Garden and pathway luminaires

		LED		PSU	A	B	C	AC/DC
77 276	With anchorage unit	4.9 W	235 lm	on/off	70 × 70	250	90 × 90	✓
77 277	With mounting plate	4.9 W	235 lm	on/off	70 × 70	250	90 × 90	✓
84 108	With anchorage unit	13.6 W	850 lm	on/off	125 × 85	355	150 × 110	✓
84 176	With mounting plate	13.6 W	850 lm	on/off	125 × 85	355	150 × 110	✓





Garden and pathway luminaires for private use
Unshielded light

These luminaires create a pleasant light effect on footpaths, terraces and flowerbeds, as well as in house entrance areas. They evenly illuminate their immediate surroundings with unshielded light. The glass body, made of high-quality three-ply opal glass, distributes the light in an unshielded manner and is optionally available in the shape of a sphere or cylinder.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 450 - 540 lm

Connected wattage 5.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Opal glass with thread

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

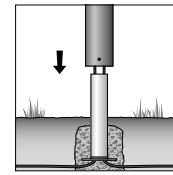
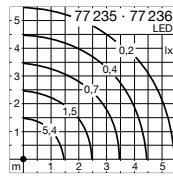
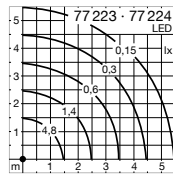
LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®

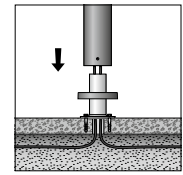
■ Graphite – article number

■ Silver – article number + **A**

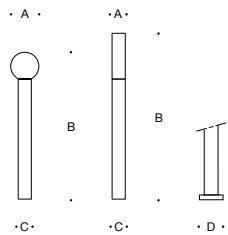
20-year availability guarantee for LED modules



Anchorage unit



Screw-on base



Garden luminaires · Sphere

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 223	With anchorage unit	5.0 W	540 lm	on/off	Terminals 3 × 4 [□]	150	800	70	—	✓
77 224	With screw-on base	5.0 W	540 lm	on/off	Terminals 3 × 4 [□]	150	800	70	110	✓

Garden luminaires · Cylinder

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 235	With anchorage unit	5.0 W	450 lm	on/off	Terminals 3 × 4 [□]	70	900	70	—	✓
77 236	With screw-on base	5.0 W	450 lm	on/off	Terminals 3 × 4 [□]	70	900	70	110	✓





Garden and pathway luminaires for private use
Shielded wide beam light

Two luminaires that are perfect for various situations along pathways and terraces in private gardens and house entrances where uniform, glare-free light is required. The shielded light is exclusively directed onto the ground surfaces and the direct surroundings beneath the luminaire. An ideal way of illuminating pathways, surfaces and flower beds with high visual comfort. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

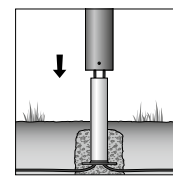
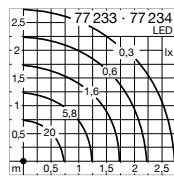
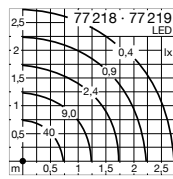
Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

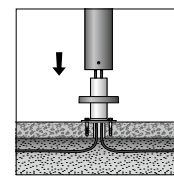
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

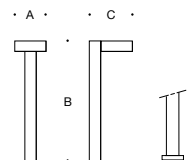
Luminaire luminous flux	155 · 365 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	4.9 · 5.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Light deflection through synthetic cover with optical texture	
BEGA Ultimate Driver® · on/off	
LED colour temperature 3000 K – article number + K3	
Luminaire colour · BEGA Unidure®	
■	Graphite – article number
■	Silver – article number + A
20-year availability guarantee for LED modules	



Anchorage unit

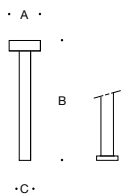


Screw-on base



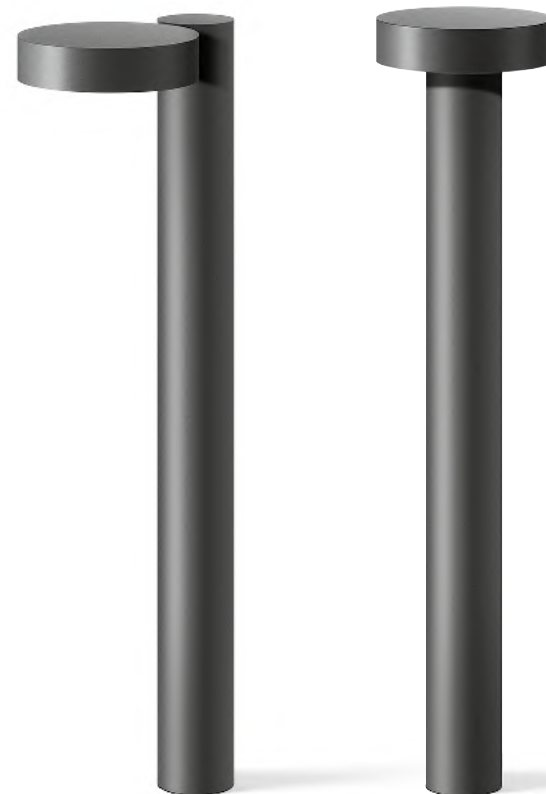
Garden and pathway luminaires

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 218	With anchorage unit	4.9 W	365 lm	on/off	Terminals 3 × 4 [□]	160	700	230	—	✓
77 219	With screw-on base	4.9 W	365 lm	on/off	Terminals 3 × 4 [□]	160	700	230	110	✓



Garden and pathway luminaires

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 233	With anchorage unit	5.0 W	155 lm	on/off	Terminals 3 × 4 [□]	160	700	70	—	✓
77 234	With screw-on base	5.0 W	155 lm	on/off	Terminals 3 × 4 [□]	160	700	70	110	✓





Garden and pathway luminaires for private use

Garden and pathway luminaires with downward-directed light.

- Luminaires 77 263 and 77 264 produce **flat beam, downward-directed** light that is ideal for the illumination of pathways and house entrance areas or for delimiting seating areas in the garden, for example.
- Luminaires 77 239 and 77 249 feature **symmetrical, downward-directed** light that illuminates the ground surfaces directly in front of the installation point. They produce a high degree of illuminance on the ground in the immediate vicinity of the luminaires and are suitable for highlighting potential hazards, for example on stairs, or for the atmospheric illumination of seating areas.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

The economical and efficient LED technology makes these luminaires low-maintenance and contemporary luminaires for your garden architecture. The colour temperature corresponds to 3000 K warm white.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

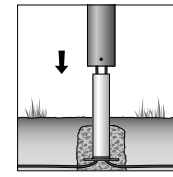
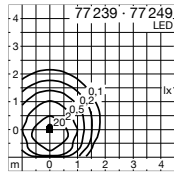
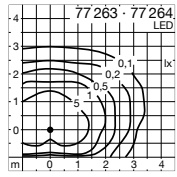
Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

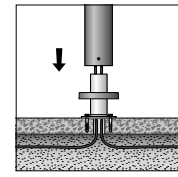
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

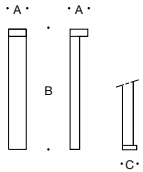
Luminaire luminous flux	145 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	2.5 · 2.7 W
77 263 · 77 264 Protection class	IP 65
77 239 · 77 249 Protection class	IP 64
Cast aluminium, aluminium and stainless steel	
Safety glass	
77 239 · 77 249 Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · on/off	
LED colour temperature 3000 K – article number + K3	
Luminaire colour · BEGA Unidure®	
■ Graphite	– article number
■ Silver	– article number + A
20-year availability guarantee for LED modules	



Anchorage unit

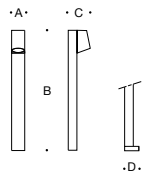


Screw-on base



Garden and pathway luminaires · **Downward-directed flat beam light**

		LED	PSU	Connection	A	B	C	AC/DC	
77 263	With anchorage unit	2.7 W	145 lm	on/off	Terminals 3 × 4 [□]	110	700	—	✓
77 264	With screw-on base	2.7 W	145 lm	on/off	Terminals 3 × 4 [□]	110	700	110	✓



Garden and pathway luminaires · **Symmetrical downward-directed light**

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 239	With anchorage unit	2.5 W	145 lm	on/off	Terminals 3 × 4 [□]	75	700	125	—	✓
77 249	With screw-on base	2.5 W	145 lm	on/off	Terminals 3 × 4 [□]	75	700	125	65	✓





Garden and pathway luminaires for private use

Garden and pathway luminaires with downward-directed light.

- Luminaires 84 218 and 84 228 produce **flat beam, downward-directed** light that is ideal for the illumination of pathways and house entrance areas or for delimiting seating areas in the garden, for example.
- Luminaires 77 237 and 77 238 feature **symmetrical, downward-directed** light that illuminates the ground surfaces directly in front of the installation point. They produce a high degree of illuminance on the ground in the immediate vicinity of the luminaires and are suitable for highlighting potential hazards, for example on stairs, or for the atmospheric illumination of seating areas.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. The colour temperature corresponds to 3000 K warm white.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 135 · 310 lm

Luminous flux in the upper half-space < 1%

Connected wattage 2.7 · 5.3 W

84 218 · 84 228 Protection class IP 65

77 237 · 77 238 Protection class IP 64

Cast aluminium, aluminium and stainless steel

Safety glass

84 218 · 84 228 Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

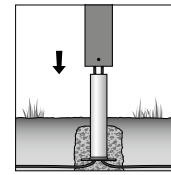
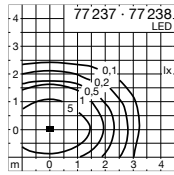
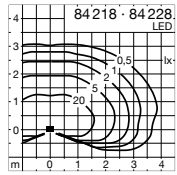
LED colour temperature 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®

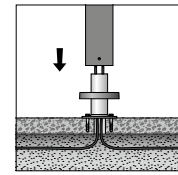
■ Graphite – article number

■ Silver – article number + **A**

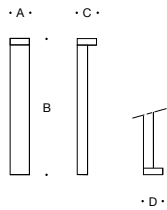
20-year availability guarantee for LED modules



Anchorage unit

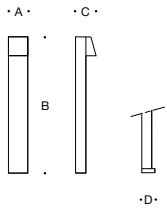


Screw-on base



Garden and pathway luminaires · Downward-directed flat beam light

		LED	PSU	Connection	A	B	C	D	AC/DC	
84 218	With anchorage unit	5.3 W	310 lm	on/off	Terminals 3 × 4 [□]	110	700	110	—	✓
84 228	With screw-on base	5.3 W	310 lm	on/off	Terminals 3 × 4 [□]	110	700	110	110	✓



Garden and pathway luminaires · Symmetrical downward-directed light

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 237	With anchorage unit	2.7 W	135 lm	on/off	Terminals 3 × 4 [□]	90	700	105	—	✓
77 238	With screw-on base	2.7 W	135 lm	on/off	Terminals 3 × 4 [□]	90	700	105	65	✓





Garden and pathway luminaires for private use
Directed light or unshielded light on one side

Two garden and pathway luminaires for the private garden, house entrance and various other lighting applications on pathways and patios.

- The **directed** light from luminaires 77 265 and 77 266 creates an impressive light graphic on both sides of the luminaire, depending on the ambient brightness.
- The light from luminaires 77 246 and 77 247, **unshielded on one side**, is ideal for lighting situations with low ambient brightness that require light on one side only.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	140 · 170 lm
Connected wattage	2.4 · 5.3 W
Protection class	IP 65

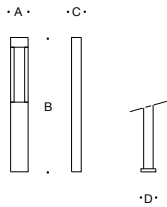
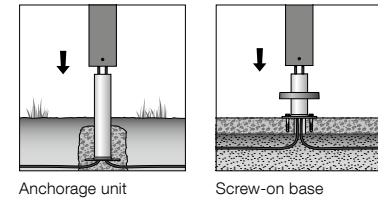
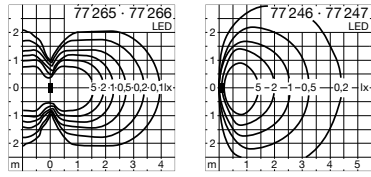
Cast aluminium, aluminium and stainless steel
 Safety glass

BEGA Ultimate Driver® · on/off

LED colour temperature
 3000 K – article number + **K3**

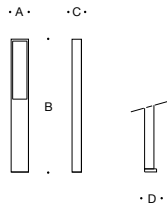
Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

20-year availability guarantee for LED modules



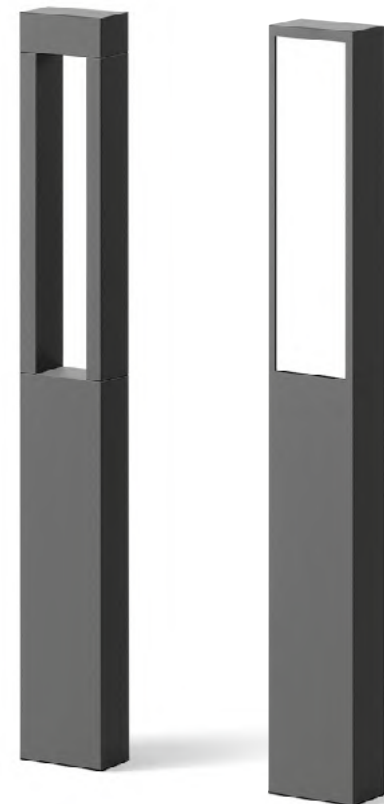
Garden and pathway luminaires · Directed light

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 265	With anchorage unit	5.3 W	170 lm	on/off	Terminals 3 × 4 [□]	90	700	50	—	✓
77 266	With screw-on base	5.3 W	170 lm	on/off	Terminals 3 × 4 [□]	90	700	50	80	✓



Garden and pathway luminaires · Unshielded light on one side

		LED	PSU	Connection	A	B	C	D	AC/DC	
77 246	With anchorage unit	2.4 W	140 lm	on/off	Terminals 3 × 4 [□]	90	700	55	—	✓
77 247	With screw-on base	2.4 W	140 lm	on/off	Terminals 3 × 4 [□]	90	700	55	65	✓





Garden and pathway luminaires for private use
Shielded light directed downwards

A new garden and pathway luminaire for the private garden, house entrance and various other lighting applications on pathways and patios.

A luminaire that, in addition to its lighting function, can divide and structure outdoor spaces and areas, especially when arranged in groups.

Depending on the ambient brightness, it creates an impressive light graphic on the illuminated surface.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000 K.

Luminaires optionally available:

- With anchorage unit
- With screw-on base

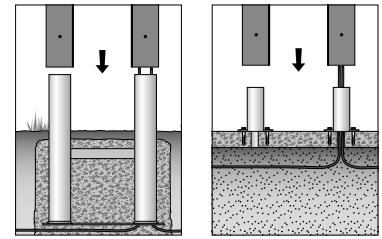
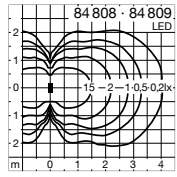
Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

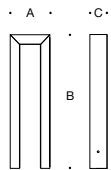
Luminaire data

Luminaire luminous flux	300 lm
Connected wattage	7.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
BEGA Ultimate Driver® · on/off	
LED colour temperature 3000 K – article number + K3	
Luminaire colour · BEGA Unidure®	
■ Graphite	– article number
■ Silver	– article number + A
20-year availability guarantee for LED modules	



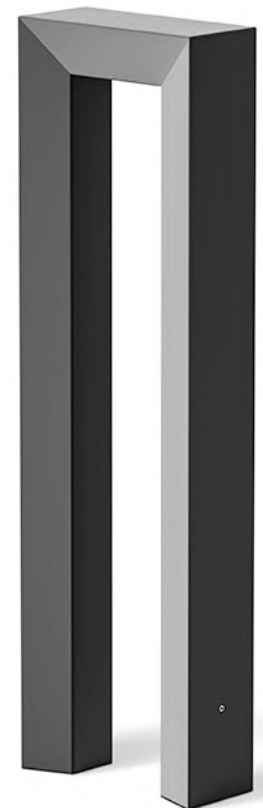
Anchorage unit

Screw-on base



Garden and pathway luminaires

		LED	PSU	Connection	A	B	C	AC/DC	
84 808	With anchorage unit	7.0 W	300 lm	on/off	Terminals 3 × 4 [□]	210	700	90	✓
84 809	With screw-on base	7.0 W	300 lm	on/off	Terminals 3 × 4 [□]	210	700	90	✓





Garden and pathway luminaires for private use
Shielded flat beam light directed downwards
Accoya® wood

Two new luminaires for the glare-free illumination of pathways.

Thanks to their flat beam light, they are perfect for illuminating pathways, areas of the garden and entrance areas. They unite function and aesthetics and create a harmonious atmosphere in any garden through much more than just their light effect.

Particularly when illuminated, the wood truly comes to life. These garden and pathway luminaires offer much more than just functional lighting.

They are a symbol of durability and security, and an expression of a positive connection with nature. They transform the garden into a stylish extension of the living space and ensure a pleasant experience, both by day and by night.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white colour temperature of 3000K.

You can optionally order the luminaires:

- With anchorage unit
- With screw-on base

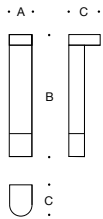
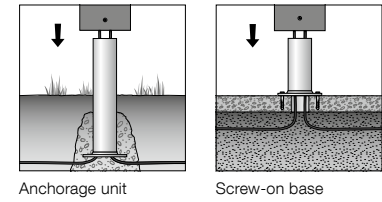
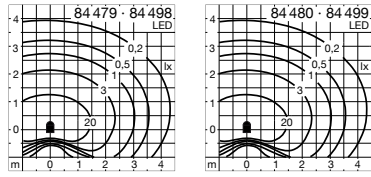
Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

The luminaires are suitable for through-wiring.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

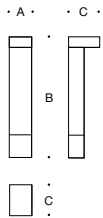
Luminaire data

Luminaire luminous flux	370 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	5.3 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass · Accoya® wood	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
LED colour temperature 3000K – article number + K3	
Luminaire colour · BEGA Unidure®	
■	Graphite – article number
■	Silver – article number + A
20-year availability guarantee for LED modules	



Garden and pathway luminaires

		LED	PSU	Connection	A	B	C	AC/DC	
84 480	With anchorage unit	5.3 W	370 lm	on/off	Terminals 5 × 4 [□]	130	700	195	✓
84 499	With screw-on base	5.3 W	370 lm	on/off	Terminals 5 × 4 [□]	130	700	195	✓



Garden and pathway luminaires

		LED	PSU	Connection	A	B	C	AC/DC	
84 479	With anchorage unit	5.3 W	370 lm	on/off	Terminals 5 × 4 [□]	130	700	180	✓
84 498	With screw-on base	5.3 W	370 lm	on/off	Terminals 5 × 4 [□]	130	700	180	✓



84 480
84 499

84 479
84 498



Permanent floodlights For private use

Two small floodlights on a single cross beam for a wide range of applications where floodlighting and beautiful lighting effects outside the house and in the private garden are required.

They are floodlights with adjustable positioning for situations where illumination in different directions from one installation location is desired. The permanent cross beam with two floodlights is suitable for ceiling or wall mounting.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	920 lm
Connected wattage	12.5 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

On/off power supply units

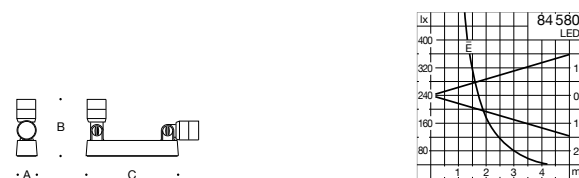
BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Symmetrical wide beam light distribution
Half beam angle 32°



Two permanent floodlights on a cross beam

	LED	PSU	β	A	B	C
84 580	12.5 W	920 lm	on/off	32°	60	175 300×70

Portable BEGA UniLink floodlights
For private use

A group of compact little floodlights for a wide range of applications where flood-lighting and beautiful lighting effects on the house and in the private garden are required.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example. The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux

and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	975 lm
Connected wattage	14.0 W
Protection class	IP 65
Housing and earth spike made of glass fibre reinforced synthetic material	
Safety glass	
Reflector surface made of pure aluminium	
5 m connecting cable with UniLink plug connector	
Cable length between distribution box and each floodlight 3 m	
on/off power supply units	
Burning position adjustment without tools	
LED colour temperature	3000 K – article number + K3
Luminaire colour · BEGA Unidure®	■ Graphite
20-year availability guarantee for LED modules	
Symmetrical wide beam light distribution	
Half beam angle 24°	



BEGA UniLink system components:



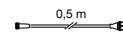
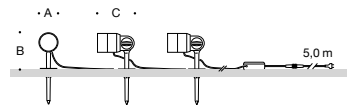
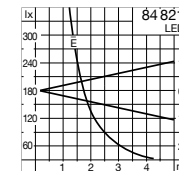
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box



3 portable BEGA UniLink floodlights						Connecting cable				
	LED	PSU	β	A	B	C	With mains plug			
84 821	3 floodlights with earth spike	14.0 W	975 lm	on/off	24°	55	110	100	71 180	Type F/E

BEGA UniLink system components · With mains plug

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box



β = Half beam angle



Permanent floodlight
For private use

Compact floodlight with mounting box for the illumination of objects, plants and building details in private areas. Economical and long-lasting luminaires that can be used for less intense illumination, as well as impressive accent lighting.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	440 lm
Connected wattage	6.1 W
Protection class	IP 65

Glass fibre reinforced synthetic material
Safety glass
Reflector surface made of pure aluminium

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

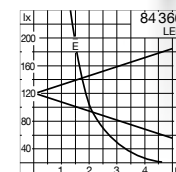
Burning position adjustment without tools

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Symmetrical wide beam light distribution
Half beam angle 36°



Permanent floodlight with mounting box

	LED	PSU	β	A	B	C	AC/DC	
84 366	6.1 W	440 lm	on/off	36°	105	190	110	✓

Portable BEGA UniLink floodlights
For private use

Compact BEGA UniLink floodlights with earth spike or ring base for the illumination of objects, plants and building details in private areas. Economical and long-lasting luminaires that can be used for less intense illumination, as well as impressive accent lighting.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	440 lm
Connected wattage	6.1 W
Protection class	IP 65

Glass fibre reinforced synthetic material
Safety glass

Reflector surface made of pure aluminium
5 m connecting cable with UniLink plug connector

BEGA Ultimate Driver® · on/off

BEGA Thermal Management®

Burning position adjustment without tools

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Symmetrical wide beam light distribution
Half beam angle 36°

BEGA UniLink system components:



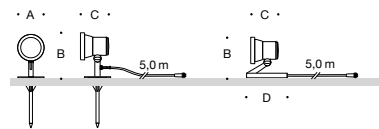
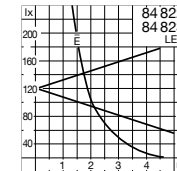
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box



Portable BEGA UniLink floodlights										Connecting cable	
		LED	PSU	β	A	B	C	D		With mains plug	
84 822	With earth spike	6.1 W	440 lm	on/off	36°	105	180	110	—	71 180	Type F/E
84 823	With ring base	6.1 W	440 lm	on/off	36°	105	175	110	175	71 180	Type F/E

BEGA UniLink system components · With mains plug

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box



β = Half beam angle



Permanent floodlight for private use

Floodlight with mounting box for permanent installation for the illumination of objects, plants and building details in private areas. This floodlight has a conventional E 27 screw base and is suitable for operation with LED lamps.

We supply the E 27 screw base luminaire versions complete with a corresponding LED lamp.

The long service life and high luminous efficiency of BEGA LED lamps guarantee maintenance-friendly and economical operation of these floodlights.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	515 lm
Connected wattage	8.0 W
Protection class	IP 65
Safety class	II

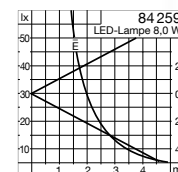
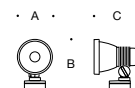
Glass fibre reinforced synthetic material
Safety glass
Reflector made of pure anodised aluminium

The burning position can be adjusted and the lamps replaced without tools.

LED lamp colour temperature 3000 K
Included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite

Symmetrical very wide beam light distribution · Half beam angle 93°



Permanent floodlight with mounting box

	LED lamp included	Base	β	A	B	C
84 259	1 × 8.0 W	515 lm	E 27	93°	150	215 205

Portable BEGA UniLink floodlight
For private use

BEGA UniLink floodlights with earth spike for the illumination objects, plants and building details in private areas.

This floodlight has a conventional E 27 screw base and is suitable for operation with LED lamps.

We supply the E 27 screw base luminaire versions complete with a corresponding LED lamp.

The long service life and high luminous efficiency of BEGA LED lamps guarantee maintenance-friendly and economical operation of these floodlights.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	515 lm
Connected wattage	8.0 W
Protection class	IP 65
Safety class	II

Glass fibre reinforced synthetic material

Safety glass

Reflector made of pure anodised aluminium
5 m connecting cable with UniLink plug connector

The burning position can be adjusted and the lamps replaced without tools.

LED lamp colour temperature 3000 K
Included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite

Symmetrical very wide beam light distribution · Half beam angle 93°

BEGA UniLink system components:



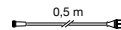
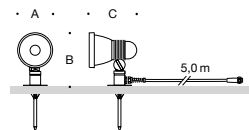
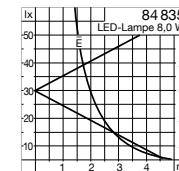
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box



Portable BEGA UniLink floodlights						Connecting cable		
	LED lamp included	Base	β	A	B	C	With mains plug	
84 835	1 x 8.0 W	515 lm	E 27	93°	150	215	205	71 180 Type F/E

BEGA UniLink system components · With mains plug			BEGA UniLink system components	
71 180	Type F	Germany and Europe	71 186	Extension cable · 5 m
	Type E	France and Belgium	71 187	Extension cable · 10 m
71 181	Type G	Great Britain	71 188	Extension cable · 20 m
71 182	Type J	Switzerland and Liechtenstein	71 189	Five-way distribution box
71 184	Type K	Denmark		
71 183	Type L	Italy		

β = Half beam angle

Technical data for BEGA LED lamps can be found on Page 564.





Permanent floodlights for private use

Floodlights in this form have been a defining design feature of the BEGA range for decades. They have received international awards for their excellent design.

As illuminating classics, they set the standard for the industry. We have changed their design and adapted their technology to today's requirements very carefully.

They are available with either wide beam or very wide beam light characteristics. Various private lighting applications can thus be fulfilled with a single floodlight type. Islands of light are just as achievable as accent lighting for building or garden details.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	700 lm
Connected wattage	9.3 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

On/off power supply units

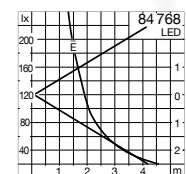
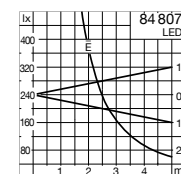
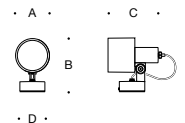
BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Symmetrical wide beam and symmetrical very wide beam light distribution
Half beam angles 22° and 60°



Permanent floodlights with mounting box

	LED	PSU	β	A	B	C	D
84 807	9.3 W	700 lm	on/off	22°	135	215	200 100
84 768	9.3 W	700 lm	on/off	60°	135	215	200 100

Portable BEGA UniLink floodlights
For private use

Floodlights in this form have been a defining design feature of the BEGA range for decades. They have received international awards for their excellent design. As illuminating classics, they set the standard for the industry. We have changed their design and adapted their technology to today's requirements very carefully. They are available with either wide beam or very wide beam light characteristics. Various private lighting applications can thus be fulfilled with a single floodlight type. Islands of light are just as achievable as accent lighting for building or garden details.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	700 lm
Connected wattage	9.3 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Earth spike made of glass fibre reinforced synthetic material	
Reflector surface made of pure aluminium	
5 m connecting cable with UniLink plug connector	
On/off power supply units	
BEGA Thermal Management®	
LED colour temperature	3000 K – article number + K3
Luminaire colour · BEGA Unidure®	■ Graphite
20-year availability guarantee for LED modules	
Symmetrical wide beam and symmetrical very wide beam light distribution	
Half beam angles 22° and 60°	

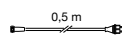
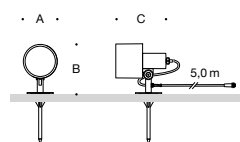
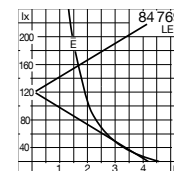
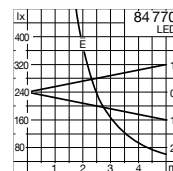
BEGA UniLink system components:



Mains plug
Type F/E (Europe)

Extension cables

Five-way
distribution box



Portable BEGA UniLink floodlights						Connecting cable			
		LED	PSU	β	A	B	C	With mains plug	
84 770	With earth spike	9.3 W	700 lm	on/off	22°	135	215	200	71 180 Type F/E
84 769	With earth spike	9.3 W	700 lm	on/off	60°	135	215	200	71 180 Type F/E

BEGA UniLink system components · With mains plug			BEGA UniLink system components	
71 180	Type F	Germany and Europe	71 186	Extension cable · 5 m
	Type E	France and Belgium	71 187	Extension cable · 10 m
71 181	Type G	Great Britain	71 188	Extension cable · 20 m
71 182	Type J	Switzerland and Liechtenstein	71 189	Five-way distribution box
71 184	Type K	Denmark		
71 183	Type L	Italy		



β = Half beam angle



Permanent floodlight
For private use

Compact floodlight for the wide-area illumination of objects, plants and building details in private areas. Economical and long-lasting luminaires that can be used for less intense wide-area illumination in the garden or on the house.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	905 lm
Connected wattage	12.0 W
Protection class	IP 65

Housing and mounting box made of glass fibre reinforced synthetic material
Safety glass
Reflector made of pure anodised aluminium

BEGA AC module
Technical data on Page 11
BEGA Thermal Management®

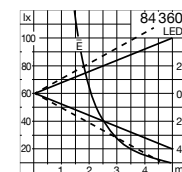
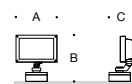
Burning position adjustment without tools

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Asymmetrical very wide beam light distribution · Half beam angle 78/94°



Permanent floodlight with mounting box						
	LED	PSU	β	A	B	C
84 360	12.0 W	905 lm	AC-Modul	78/94°	165	190 100

Portable BEGA UniLink floodlight
For private use

BEGA UniLink floodlight with earth spike for the wide-area illumination of objects, plants and building details in private areas. Economical and long-lasting luminaires that can be used for less intense wide-area illumination in the garden or on the house.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	905 lm
Connected wattage	12.0 W
Protection class	IP 65

Glass fibre reinforced synthetic material
Safety glass
Reflector made of pure anodised aluminium
5 m connecting cable with UniLink plug connector

BEGA AC module
Technical data on Page 11
BEGA Thermal Management®

Burning position adjustment without tools

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Asymmetrical very wide beam light distribution · Half beam angle 78/94°

BEGA UniLink system components:



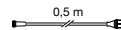
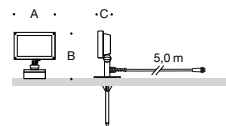
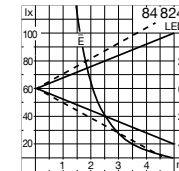
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box



Portable BEGA UniLink floodlight						Connecting cable		
LED	PSU	β	A	B	C	With mains plug		
84 824	12.0 W	905 lm	AC-Modul	78/94°	165	185	50	71 180 Type F/E

BEGA UniLink system components · **With mains plug**

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box



β = Half beam angle



Portable BEGA UniLink on-ground floodlights for private use

The garden thrives on seasonal change, varying growth and different types of use. Portable BEGA UniLink on-ground floodlights create an effective lighting atmosphere and can easily be moved to a different location if required – so a range of different lighting effects can be achieved. The luminaires can be placed on lawn areas, on soil and also on paths and terraces.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example. The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	855 to 2135 lm
Connected wattage	9.4 to 19.4 W
Protection class	IP 67

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium
5 m connecting cable with UniLink plug connector

on/off power supply units

BEGA Thermal Management®

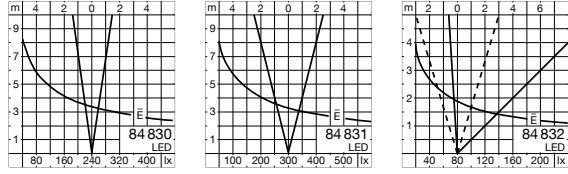
LED colour temperature
3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Light distribution





A practical cable winder makes it possible to wind up the unused connecting cable in the base of the luminaire housing.

BEGA UniLink system components:



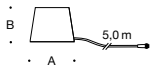
Mains plug
Type F/E (Europe)



Extension cables

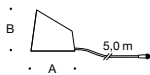


Five-way
distribution box



BEGA UniLink floodlight · **Symmetrical** light distribution

	LED		PSU	β	A		B		Connecting cable	
	Power	lm			With mains plug	Without mains plug	Type	Length		
84 830	9.4 W	855 lm	on/off	17°	175	140	71 180	Type F/E	5 m	
84 831	18.8 W	2135 lm	on/off	28°	205	150	71 180	Type F/E	10 m	



BEGA UniLink floodlight · **Asymmetrical** light distribution

	LED		PSU	β	A		B		Connecting cable	
	Power	lm			With mains plug	Without mains plug	Type	Length		
84 832	19.4 W	1975 lm	on/off	75°/60°	205	200	71 180	Type F/E	5 m	

BEGA UniLink system components · **With mains plug**

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box



β = Half beam angle



Portable BEGA UniLink garden luminaires
For private use

Spherical BEGA UniLink garden luminaires for atmospheric lighting in private gardens and large garden areas. They have a conventional E 27 screw base and are suitable for operation with LED lamps. We supply the E 27 screw base luminaire versions complete with a corresponding LED lamp.

The long service life and high luminous efficiency of BEGA LED lamps guarantee maintenance-friendly and economical operation of these spherical luminaires. These luminaires develop their distinctive character as design elements in groups with different sphere diameters.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	880 to 1310 lm
Connected wattage	8.0 · 12.0 W
Protection class	IP 65
Stainless steel base plate	
Synthetic sphere, white	
5 m connecting cable with UniLink plug connector	
LED lamp colour temperature 3000 K	
Included in the delivery	



BEGA UniLink system components:



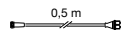
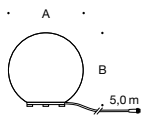
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box



Portable BEGA UniLink garden luminaires

	LED lamp included	Base	A	B
84 826	1 × 8.0 W	880 lm	E 27	350 345
84 827	1 × 12.0 W	1310 lm	E 27	450 445
84 828	1 × 12.0 W	1300 lm	E 27	550 525
84 829	1 × 12.0 W	1275 lm	E 27	630 615

Connecting cable

	With mains plug
71 180	Type F/E
71 180	Type F/E
71 180	Type F/E
71 180	Type F/E

BEGA UniLink system components · With mains plug

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box



Technical data for BEGA LED lamps can be found on Page 564.



Portable BEGA UniLink garden luminaire
For private use

This versatile luminaire is characterised especially by the option of adjusting the luminaire head.

It can be rotated 30° in each direction and the height is also infinitely adjustable. A luminaire for many small lighting applications in the private garden and in the terrace area.

Shielded light with very wide beam light distribution on the illuminated surface. A portable luminaire which can simply be placed in lawns, flowerbeds or plants with an earth spike. If required the luminaires can swiftly be moved to a different location.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	480 lm
Connected wattage	5.0 W
Protection class	IP 65

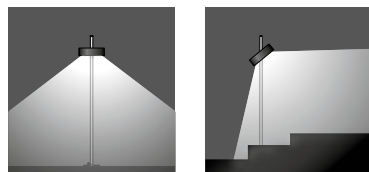
Cast aluminium and stainless steel
Vertical tube made of anodised aluminium
Light deflection through synthetic cover with optical texture
5 m connecting cable with UniLink plug connector

BEGA Ultimate Driver®
on/off power supply units

LED colour temperature
3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules



BEGA UniLink system components:



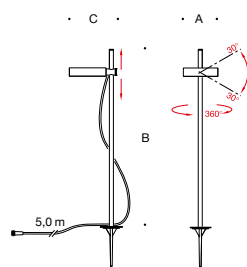
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box

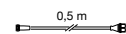


Portable BEGA UniLink garden luminaire

	LED	PSU	A	B	C
84 825	5.0 W	480 lm on/off	160	1000	230

BEGA UniLink system components · With mains plug

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

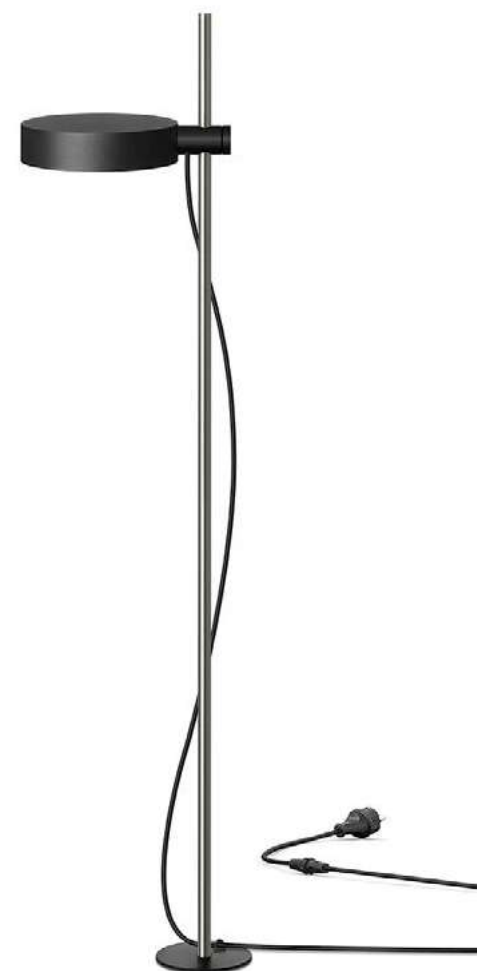


Connecting cable

	With mains plug
71 180	Type F/E

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box





Portable BEGA UniLink garden luminaires
For private use

These upwardly shielded BEGA UniLink garden luminaires create atmospheric light points in private gardens and patio areas: warm white islands of light that accentuate plants or illuminate special areas.

Luminaires that can be repositioned as the seasons change in the garden.

Shielded light with very wide beam light distribution on the illuminated surface.

A portable luminaire which can simply be placed in lawns, flowerbeds or plants with an earth spike.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	450 lm
Connected wattage	5.0 W
Protection class	IP 65
Cast aluminium and stainless steel	
Vertical tube made of anodised aluminium	
Light-diffusing synthetic cover	
5 m connecting cable with UniLink plug connector	
BEGA Ultimate Driver® on/off power supply units	
BEGA Thermal Management®	
LED colour temperature 3000K – article number + K3	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	

BEGA UniLink system components:



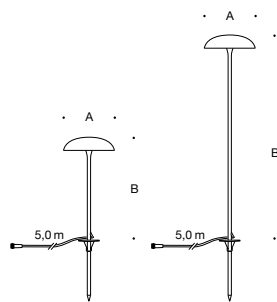
Mains plug
Type F/E (Europe)



Extension cables



Five-way
distribution box

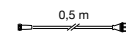


Portable BEGA UniLink garden luminaires

	LED	PSU	A	B
84 859	5.0 W	450 lm	on/off	Ø 250 500
84 842	5.0 W	450 lm	on/off	Ø 250 1000

BEGA UniLink system components · With mains plug

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

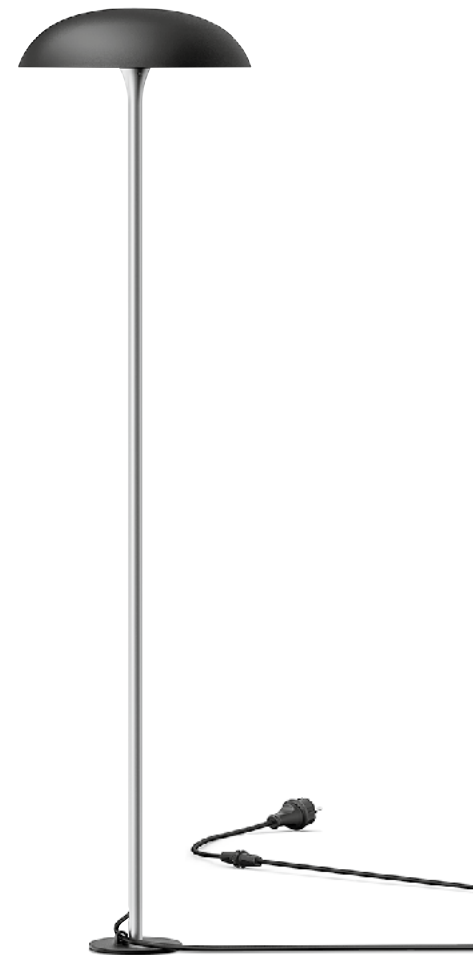


Connecting cable

	With mains plug
71 180	Type G
71 180	Type G

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box





BEGA Plug&Play · The smart lighting system for the private garden

As a pioneer in trends and new technologies, our aim is to use light to make your life more beautiful, more simple and more convenient. One of the keys to all this is BEGA Smart:

our holistic lighting system for your smart home.

As part of the BEGA Smart range, BEGA Plug&Play is the LED lighting system for your smart garden lighting – incredibly easy to install and control. Position the portable luminaires in the garden and configure the system with the BEGA Smart app – done.

Smart means uncomplicated. That is why all devices and functions are programmed and controlled simply, intuitively and clearly in a single place: the BEGA Smart app. Controlling individual luminaires or luminaire groups, configuring custom lighting scenarios or setting up a time switch function – smart BEGA lights are incredibly versatile.

The Plug&Play system's flexible cables can simply be placed above ground between plants – eliminating the need for costly time-consuming underground cables. Redesigns and extensions can then be carried out quickly and at any time.

The smart system can be expanded at any time using BEGA Zigbee LED lamps in conventional luminaires with E 14 or E 27 bases.

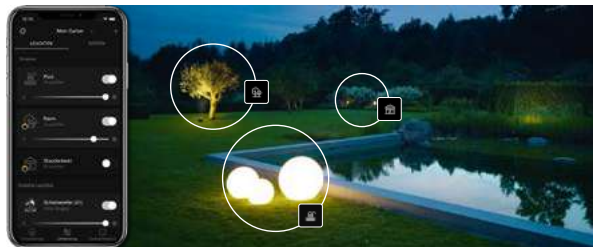
Further information and an overview of all BEGA Smart components for indoor and outdoor use can be found at bega.com/smart



We developed BEGA Smart specifically for everyday use. As a systemic solution, BEGA Smart is more than the sum of its individual parts – synergy is the key.



The Plug&Play system can be controlled via the smartphone app in the immediate vicinity of the garden. We recommend the PRO or ONE remote controls for convenient control from greater distances.



Luminaire groups and lighting scenarios can be created intuitively and with little effort in the free BEGA Smart app. The system can also be configured to switch on and off automatically according to the time of day.



Combined with the BEGA Smart Socket smart connecting pillar, any device with a safety plug – whether floodlight, barbecue or pond pump – can also be integrated into the BEGA Smart System.



works with
BEGA Smart

BEGA PRO and ONE remote controls

ZigBee 3.0 · Radio range in the field: 30 m
Including magnetic wall mounting bracket
Configuration using BEGA Smart app

PRO remote control

E-paper display and touch ring for menu navigation as well as two freely programmable favourites buttons.

Anodised matt black housing made of cast aluminium
Front made of unbreakable, scratch-proof Gorilla® glass.

ONE remote control

10 user-programmable pushbuttons. Each pushbutton can be assigned an individual luminaire, luminaire group, scenario or light colour.

Grey synthetic housing with black front panel

13 569	PRO remote control
10 526	ONE remote control

works with
BEGA Smart

BEGA Plug & Play Smart Tower and Smart Extender

Protection class IP 65 · Colour graphite
Housing made of glass fibre reinforced synthetic material
Smart Tower: BEGA Ultimate Driver®
Zigbee 3.0 and Bluetooth

Smart Tower: 230 VAC/48 V DC · Connected wattage max. 50 W
Smart Extender and Smart Tower: 4 outputs each, can be switched and dimmed individually

To operate them, we recommend the remote controls PRO (13 569) or ONE (10 526).

For the electrical connection of the Smart Tower 13 567, we recommend the use of BEGA distribution boxes. Additional information on BEGA distribution boxes can be found on Page 581.

		Ø	H
13 566	Smart Tower with 5 m connecting cable and mains plug	130	75
13 567	Smart Tower with 5 m connecting cable and free cable end	130	75
13 568	Smart Extender with 5 m cable and 48 V plug	130	65

Extension cables

Protection class IP 67 · Colour graphite
Extension cables with 48 V socket and plug, optionally in 5 m or 10 m length

10 596	Extension cable 5 m
10 597	Extension cable 10 m



BEGA Plug & Play

Portable garden luminaires 48 V DC with earth spike

for unshielded light

A group of portable garden luminaires – these unshielded luminaires create a beautiful lighting atmosphere along pathways, on patios and in flower beds.

The luminaires with high-quality opal glass are available in three versions.

Please refer to the technical planning data for planning and installation.

The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 185 to 240 lm

Connected wattage 2.4 W

Protection class IP 65

Housing and earth spike made of glass fibre reinforced synthetic material

Opal glass with thread

With 5 m connecting cable and 48 V plug

A BEGA Plug & Play Smart Tower is required to operate these luminaires, see Page 331

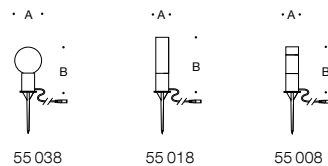
BEGA Ultimate Driver®

LED colour temperature 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®

■ Graphitehite

20-year availability guarantee for LED modules



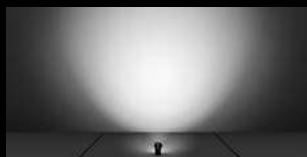
55 038 55 018 55 008

Garden luminaires					
	LED		A	B	
55 038	2.4 W	240 lm	150	260	
55 018	2.4 W	235 lm	70	340	
55 008	2.4 W	185 lm	65	270	





24 364



24 367 · 24 368



24 378



BEGA Plug & Play

Portable garden luminaires 48V DC

For directed light

Compact floodlights in various versions for a wide range of lighting applications in private gardens.

The two earth spike floodlights are ideal for illumination from flowerbeds or plantings. Floodlight 24 364 produces a very wide beam and wide-area distribution of light, perfect for illuminating surfaces and walls, for example.

Floodlight 24 367 produces a rotationally symmetrical, wide beam distribution of light and is ideal for illuminating plants, trees and shrubs, for example.

The floodlight with ring base, also with rotationally symmetrical wide beam light distribution, is extremely versatile.

The on-ground floodlight can be used to illuminate trees, plants or building structures above where the luminaire is located. Additional information on BEGA Hybrid Optics® can be found on Page 14.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 340 to 845 lm

Connected wattage 4.0 to 10.0 W

Protection class IP 65

24 364 · 24 367 · 24 368

Housing and earth spike made of fibreglass-reinforced synthetic material

24 378 aluminium housing

Safety glass

Reflector surface made of pure aluminium

With 5 m connecting cable and 48V plug

We supply on-ground floodlight 24 378 with an optional earth spike.

A BEGA Plug & Play Smart Tower is required to operate these luminaires, see Page 331

BEGA Ultimate Driver®

24 378 BEGA Hybrid Optics®

LED colour temperature
3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

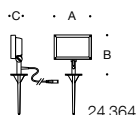
20-year availability guarantee for LED modules



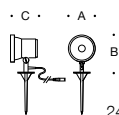
Floodlight with ring base



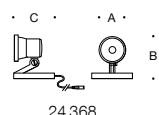
Cable winder in the ring base



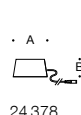
24 364



24 367



24 368



24 378

Garden floodlights		LED		A	B	C
24 364	Floodlight with earth spike	10.0 W	845 lm	165	185	50
24 367	Floodlight with earth spike	4.0 W	340 lm	105	175	110
24 368	Floodlight with ring base	4.0 W	340 lm	105	175	110
24 378	On-ground floodlights	7.7 W	750 lm	185	75	—





BEGA Plug & Play

Portable LED spherical luminaires 48V DC, consisting of three or five luminaires, with optional earth spike or hook

Unshielded spherical luminaires as ready-to-connect units with three or five luminaires for beautiful lighting effects in private gardens.

As a group of luminaires with earth spikes or as pendants, they provide versatile and effective accent lighting.

Plug & Play luminaires are connected in series with two metres of cable. The first luminaire has a five-metre long connecting cable with a 48V plug.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1620 · 2705 lm

Connected wattage 11.7 · 19.1 W

Protection class IP 65

Glass fibre reinforced synthetic material
Synthetic sphere, white

5 m connecting cable between 48V plug and the first luminaire

Cable length between the luminaires 2 m

A BEGA Plug & Play Smart Tower is required to operate these luminaires, see Page 331

BEGA Ultimate Driver®

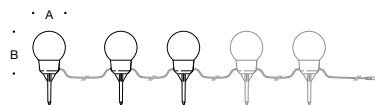
LED colour temperature
3000K – article number + **K3**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

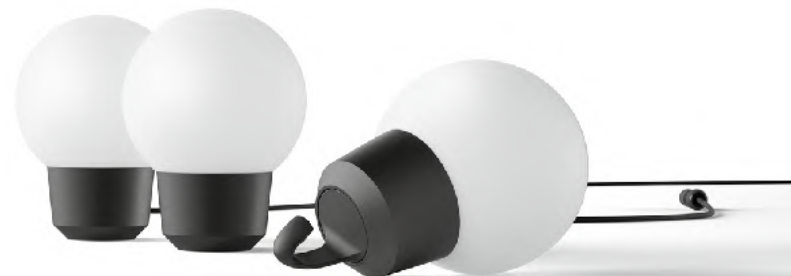


Spherical luminaires with hook



Spherical luminaires · With earth spike or hook

		LED		A	B
24 376	3 luminaires with earth spike	11.7 W	1620 lm	120	160
24 379	5 luminaires with earth spike	19.1 W	2705 lm	120	160
24 377	3 luminaires with hook	11.7 W	1620 lm	120	200
24 380	5 luminaires with hook	19.1 W	2705 lm	120	200





BEGA Plug & Play
**Portable LED garden floodlights 48V DC,
 consisting of three luminaires with earth spike**

Compact little floodlights for a wide range of applications where floodlighting and beautiful lighting effects in private gardens are required.

The ready-to-connect trio of floodlights with earth spike is ideal for accent lighting of plants, trees and shrubs, or even small sculptures and objects in flower beds and plantings.

The three luminaires are connected to each other via a distribution box.

From there, they have a common five-metre connecting cable with a 48V plug.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 840 lm

Connected wattage 11.7 W

Protection class IP 65

Glass fibre reinforced synthetic material
 Safety glass

Reflector surface made of pure aluminium

5 m connecting cable between 48V plug and distribution box

3 m cable length between distribution box and each floodlight

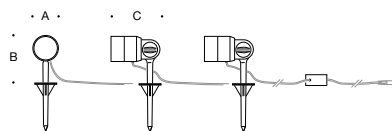
A BEGA Plug & Play Smart Tower is required to operate these luminaires, see Page 331

BEGA Ultimate Driver®

LED colour temperature
 3000 K – article number + **K3**

Luminaire colour · BEGA Unidure®
 ■ Graphite

20-year availability guarantee for LED modules



Garden floodlights · **With earth spike**

	LED	β	A	B	C
24 366 3 floodlights with earth spike	11.7 W	840 lm	24°	55	110 100





Connecting pillars for the electrical supply in private applications

Like public areas, private gardens also require many electrical connection options for luminaires and other electrical equipment. For our portable luminaires we can offer you matching connecting pillars with safety sockets for private house and garden environments.

The connecting pillars can be ordered with one of the following options:

- With earth spike
- With screw-on base
- With anchorage unit

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

Connecting pillars are available with two or three safety sockets.

Optionally with type F, type E or type G safety sockets.

- Type F: system common in Germany and Europe
- Type E: system common in France and Belgium
- Type G: system used in Great Britain ("Commonwealth plug")

You can find an overview of all type designations for sockets on Page 580.

You can find BEGA controllable connecting pillars for private use on Page 338. BEGA connecting pillars for public areas can be found on Page 340.

National safety regulations must be observed when installing and operating these connecting pillars. Earth fault circuit breakers and fuses must be connected on line side in the sub-main distribution circuit. Additional technical data can be found in the product data sheet for the connecting pillars on our website.

If through-wiring to a further connecting pillar is required, we recommend using BEGA distribution boxes. Additional information on BEGA distribution boxes can be found on Page 581.

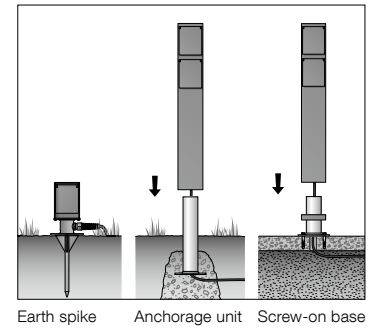
Technical data

Protection class	IP 44
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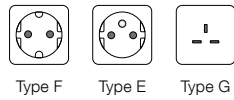
Cast aluminium, aluminium, stainless steel
Glass fibre reinforced synthetic material
Line connectors 3 × 2.5 [□]

Portable connecting pillars, ready for connection, with 5 m cable and type F/E mains plug (Europe)
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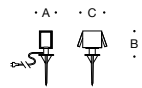
Housing colour · BEGA Unidure®
■ Graphite



Earth spike Anchorage unit Screw-on base

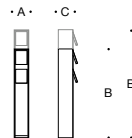


Type F Type E Type G



Connecting pillar with **two** safety sockets · **Portable**

Type F	Type E	Type G		A	B	C
70 704	71 067	71 156	With earth spike	75	160	125



Connecting pillars with **two** safety sockets · **Permanent**

Type F	Type E	Type G		A	B	C
70 704	71 067	71 156	With anchorage unit	75	500	75
70 706	71 068	71 158	With screw-on base	75	500	75

Connecting pillars with **three** safety sockets · **Permanent**

Type F	Type E	Type G		A	B	C
70 705	71 069	71 157	With anchorage unit	75	600	75
70 709	71 070	71 159	With screw-on base	75	600	75





BEGA Smart Socket or DALI-controllable connecting pillars
for the electrical supply in **private applications**

We offer two types of controllable connecting pillar for the electrical supply of your portable luminaires and other electrical devices. Smart Socket connecting pillars and DALI-controllable connecting pillars.

At close range, BEGA Smart Socket connecting pillars can be operated using a smartphone and the free BEGA Smart app. For convenient operation from greater distances, we recommend our ONE or PRO remote controls. Additional information on BEGA remote controls can be found on Page 331.

Luminaires and other devices connected to the Smart Socket connecting pillar can be easily configured using the free BEGA Smart app.

DALI-controllable connecting pillars can be integrated into any DALI system and therefore be configured and controlled via DALI.

The connecting pillars can be ordered with one of the following options:

- With anchorage unit
- With screw-on base

Additional information on BEGA anchorage units and screw-on bases can be found on Page 581.

BEGA Smart Socket and DALI-controllable connecting pillars are optionally with two or three type F, type E or type G safety sockets.

- Type **F**: system common in Germany and Europe
- Type **E**: system common in France and Belgium
- Type **G**: system used in Great Britain ("Commonwealth plug")

You can find an overview of all type designations for sockets on Page 580.

You can find non-controllable BEGA connecting pillars for private use on Page 336.

BEGA connecting pillars for public areas can be found on Page 340.

National safety regulations must be observed when installing and operating these connecting pillars. Earth fault circuit breakers and fuses must be connected on line side in the sub-main distribution circuit. Additional technical data can be found in the product data sheet for the connecting pillars on our website.

If through-wiring to a further connecting pillar is required, we recommend using BEGA distribution boxes.

Additional information on BEGA distribution boxes can be found on Page 581.

Technical data

Protection class IP 44

Cast aluminium, aluminium, stainless steel

Glass fibre reinforced synthetic material

BEGA Smart Socket:

Line connectors 3 × 2.5[□]

Zigbee 3.0 and Bluetooth

DALI-controllable connecting pillars:

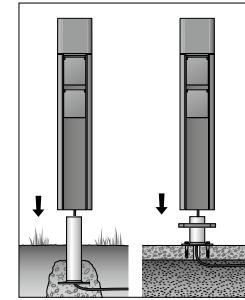
Line connectors 5 × 2.5[□]

Housing colour · BEGA Unidure®

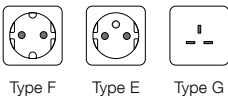
■ Graphite



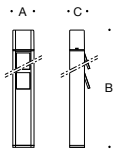
The BEGA Smart Socket connecting pillars can be operated with a smartphone and the ONE or PRO remote controls.



Anchorage unit Screw-on base



Type F Type E Type G



BEGA Smart Socket connecting pillars with **two** safety sockets

Type F	Type E	Type G		A	B	C
71 095	71 099	71 132	With anchorage unit	110	600	75
71 097	71 114	71 141	With screw-on base	110	600	75

BEGA Smart Socket connecting pillars with **three** safety sockets

Type F	Type E	Type G		A	B	C
71 096	71 100	71 133	With anchorage unit	110	700	75
71 098	71 115	71 142	With screw-on base	110	700	75

DALI-controllable connecting pillars with **two** safety sockets

Type F	Type E	Type G		A	B	C
71 166	71 170	71 174	With anchorage unit	110	600	75
71 168	71 172	71 176	With screw-on base	110	600	75

DALI-controllable connecting pillars with **three** safety sockets

Type F	Type E	Type G		A	B	C
71 167	71 171	71 175	With anchorage unit	110	700	75
71 169	71 173	71 177	With screw-on base	110	700	75

works with
BEGA Smart





Connecting pillars for the electrical supply in public and commercial installations

We can supply three connecting pillars for the connection of electrically operated equipment and vehicles as well as the power supply in public and industrial areas: Type 1 · 2 · 3.

Connecting pillars **with installation inserts** are wired ready for connection at the factory. Type 1 and type 3 connecting pillars are also available **without installation inserts**. They offer you the option of choosing the type and number of installation inserts for your particular requirements. These connecting pillars are then supplied empty together with the inserts ordered.

Installation inserts for connecting pillars 70 382 · 70 380 optionally available with sockets for different international systems:

- Type **F**: system common in Germany and Europe
- Type **E**: system common in France and Belgium
- Type **G**: system used in Great Britain ("Commonwealth plug")
- Type **B**: system common in the US (NEMA 5)
- Type **J**: system common in Switzerland and Liechtenstein

You can find an overview of all type designations for sockets on Page 580.

You can find connecting pillars for private use on Pages 336 to 339.

Installation must be carried out by an approved electrician. For the installation and operation of these devices, national safety regulations must be complied with. Additional technical data can be found in the product data sheet for the connecting pillars on our website.

The BEGA connecting pillars in this series are bolted with a mounting plate onto a foundation provided by the customer or onto an anchorage unit made of hot-dip galvanised steel. Anchorage units are accessories and must be ordered separately.

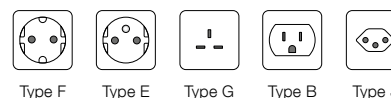
Additional information on BEGA anchorage units can be found on Page 583.

Technical data

Cast aluminium, aluminium and stainless steel

Connection terminals

Housing colour · BEGA Unidure®
 Graphite



Type F Type E Type G Type B Type J

Installation inserts for **type 1** connecting pillars 70382 · 70380

Safety sockets

70 170	Socket type F	16 A · 250 V ~
70 176	Socket type E	16 A · 250 V ~
70 177	Socket type G	13 A · 250 V ~
70 178	Socket type B	20 A · 125 V ~
70 179	Socket type J	10 A · 250 V ~

Switches · Pushbuttons · Cylinders

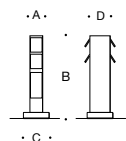
70 171	Two-way switch	10 A · 250 V ~
70 172	Push button / NOC	10 A · 250 V ~
70 173	Two-way control switch	10 A · 250 V ~
70 174	Key-operated switch two-way	10 A · 250 V ~
70 175	Key-operated switch pushbutton	10 A · 250 V ~
70 180	Key cylinder for 70 174 + 70 175	

Installation inserts for **type 3** connecting pillars · 71 014

Connection compartment for a maximum of 2 inserts

- CEE sockets 16 A · 400 V ~ or
 - CEE sockets 32 A · 400 V ~
- and for a maximum of 6 inserts
- CEE sockets 16 A · 250 V ~ or
 - Type **F** safety sockets 16 A · 250 V ~

70 190	Safety socket type F	16 A · 250 V ~
70 191	CEE socket	16 A · 250 V ~
70 192	CEE socket	16 A · 400 V ~
70 193	CEE socket	32 A · 400 V ~

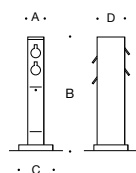


Type 1 connecting pillars with installation inserts · IP 44

		A	B	C	D	Anch. unit
70 375	with 2 safety sockets type F	75	500	155	125	70 895
70 376	with 1 safety socket type F + 1 switch	75	500	155	125	70 895
70 377	with 4 safety sockets type F	75	500	155	125	70 895
70 378	with 3 safety sockets type F + 1 switch	75	500	155	125	70 895

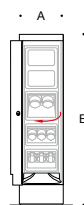
Type 1 connecting pillars without installation inserts · IP 44

		A	B	C	D	Anch. unit
70 382	For a maximum of 2 inserts	75	500	155	125	70 895
70 380	For a maximum of 4 inserts	75	500	155	125	70 895



Type 2 connecting pillars with installation inserts · IP X4

		A	B	C	D	Anch. unit	
70 383	with 4 CEE sockets	16 A · 250V ~	100	700	205	170	70 895
70 384	with 2 CEE sockets and 2 CEE sockets	16 A · 250V ~ 16 A · 400V ~	100	700	205	170	70 895



Type 3 connecting pillars with installation inserts and safety lock · IP X4

		A	B	Anch. unit	
71 013	with 2 CEE sockets	16 A · 400V ~	265	1035	70 896
	3 CEE sockets	16 A · 250V ~			
	3 safety sockets type F	16 A · 250V ~			
	1 residual current device	40 A · 30 mA			
	2 automatic cutouts	C 16 A 3-pole			
	6 automatic cutouts	C 16 A 1-pole			
71 015	with Charging module insert for e-vehicles		265	1035	70 896

Type 3 connecting pillars without installation inserts and with safety lock · IP X4

		A	B	Anch. unit
71 014	w/o Installation inserts with 2 fuse boxes, 8-part	265	1035	70 896





Accessories:



Cylinder shield



Shield



Louvre



Exchangeable lens
flat beam

Compact floodlights **with mounting box** Compact floodlights for additive colour mixing **RGBW**

On Pages 342 to 347, you will find BEGA compact floodlights for different types of installation.

This economical, compact and efficient series boasts four housing sizes and a luminaire luminous flux of more than 7800 lumens. We have developed highly efficient reflectors with focussing, narrow beam or wide beam light distribution for different applications.

Floodlights **with mounting box** are suitable for installation on walls, ceilings and foundations provided by the customer.

The **RGBW luminaires** can be controlled by DALI colour light control (DT8, RGBWAF). Suitable DALI system components can be found on Page 568.

Shields, louvres and exchangeable lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 370 to 7875 lm

Connected wattage 4.1 to 77.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Luminaires optionally available without power supply unit, with on/off power supply unit or with DALI-controllable power supply unit

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

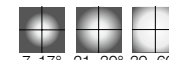
Also available in 2200 K as custom-made products.

Luminaire colour · BEGA Unidure®

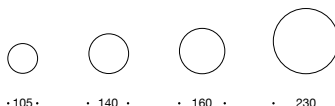
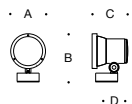
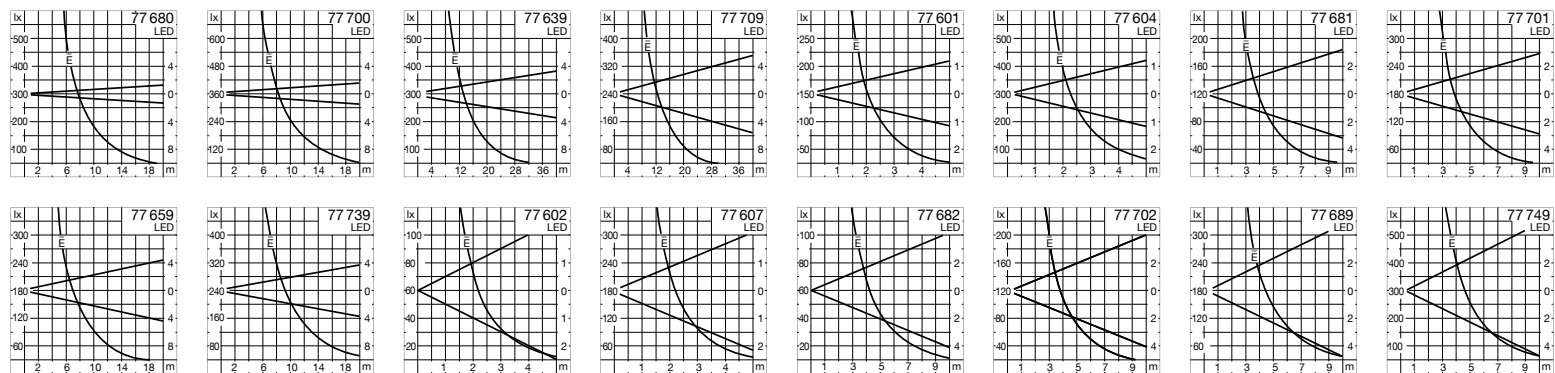
■ Graphite

20-year availability guarantee for LED modules

Light distribution



7-17° 21-30° 39-60°



Compact floodlights with mounting box

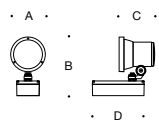
Focused	LED	PSU	β	A	B	C	D	AC/DC	Accessories	
77 680	10.5 W	805 lm	DALI	7°	140	205	140	100	✓	70 075 70 756 70 712
77 700	13.8 W	1110 lm	DALI	9°	160	225	165	100	✓	70 076 70 757 70 720
77 639	52.5 W	3275 lm	DALI	10°	230	305	225	130	✓	70 077 70 758 70 721
77 709	77.0 W	5660 lm	DALI	17°	230	305	225	130	✓	70 077 70 758 70 721

Narrow beam

77 601	4.1 W	375 lm	on/off	30°	105	150	110	90	✓	70 050 70 755
77 604	9.3 W	930 lm	w/o*	28°	105	150	110	90	—	70 050 70 755
77 681	11.8 W	1130 lm	DALI	30°	140	205	140	100	✓	70 055 70 756 70 760
77 701	24.0 W	2000 lm	DALI	29°	160	225	165	100	✓	70 060 70 757 70 796
77 659	52.5 W	4540 lm	DALI	25°	230	305	225	130	✓	70 065 70 758 70 775
77 739	77.0 W	7855 lm	DALI	21°	230	305	225	130	✓	70 065 70 758 70 775

Wide beam

77 602	4.1 W	370 lm	on/off	51°	105	150	110	90	✓	70 050 70 755
77 607	9.3 W	920 lm	w/o*	47°	105	150	110	90	—	70 050 70 755
77 682	11.8 W	1110 lm	DALI	45°	140	205	140	100	✓	70 055 70 756
77 702	24.0 W	1930 lm	DALI	43°	160	225	165	100	✓	70 060 70 757
77 689	52.5 W	4615 lm	DALI	51°	230	305	225	130	✓	70 065 70 758
77 749	77.0 W	7875 lm	DALI	50°	230	305	225	130	✓	70 065 70 758



Compact floodlights with mounting box · RGB W

Wide beam	LED	PSU	β	A	B	C	D	Accessories	
84 369	14.5 W	720 lm	DALI DT8	60°	105	195	110	190 × 90	70 050 70 755
84 370	20.0 W	1105 lm	DALI DT8	43°	140	245	140	190 × 90	70 055 70 756
84 371	28.5 W	1470 lm	DALI DT8	39°	160	275	165	240 × 105	70 060 70 757
84 362	58.0 W	2920 lm	DALI DT8	48°	230	350	225	240 × 105	70 065 70 758

* Safety class III · Suitable 24 V DC power supply units can be found on Page 566

β = Half beam angle



Exchangeable lens · Flat beam



Shield



Cylinder shield



Louvre





Accessories:



Cylinder shield



Shield



Louvre



Exchangeable lens flat beam

Compact floodlights
with G ½ threaded connection

On Pages 342 to 347, you will find BEGA compact floodlights in various designs.

Floodlights with G ½ threaded connection are suitable for installation on existing on-site G ½ · ISO 228 threaded holes – in combination with BEGA accessories, this can be used for various floodlight installation applications. You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories with G ½ · ISO 228 threaded holes can be found on Page 574.

Shields, louvres and exchangeable lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 805 to 7875 lm

Connected wattage 10.5 to 77.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium
1.0m connecting cable with free cable ends

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

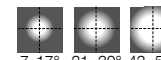
Also available in 2200 K as custom-made products.

Luminaire colour · BEGA Unidure®

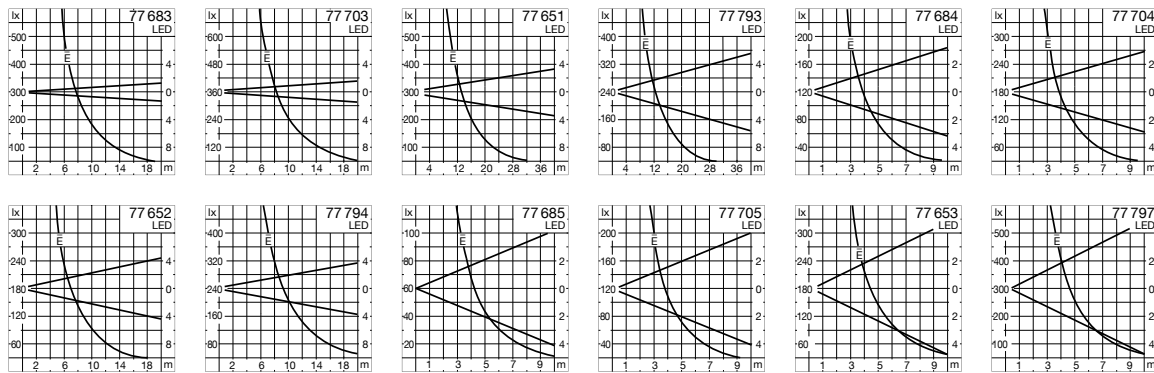
■ Graphite

20-year availability guarantee for LED modules

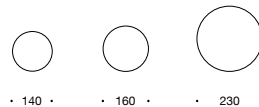
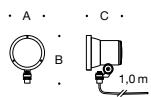
Light distribution



7-17° 21-30° 43-50°



Suitable accessories for floodlights with **G ½ threaded connection** can be found on Page 574.



Compact floodlights with G ½ threaded connection

Focused	LED	Netzteile	β	A	B	C	AC/DC	
77 683	10.5 W	805 lm	DALI	7°	140	200	140	✓
77 703	13.8 W	1110 lm	DALI	9°	160	215	165	✓
77 651	52.5 W	3275 lm	DALI	10°	230	295	230	✓
77 793	77.0 W	5660 lm	DALI	17°	230	295	230	✓
Narrow beam								
77 684	11.8 W	1130 lm	DALI	30°	140	200	140	✓
77 704	24.0 W	2000 lm	DALI	29°	160	215	165	✓
77 652	52.5 W	4540 lm	DALI	25°	230	295	230	✓
77 794	77.0 W	7855 lm	DALI	21°	230	295	230	✓
Wide beam								
77 685	11.8 W	1110 lm	DALI	45°	140	200	140	✓
77 705	24.0 W	1930 lm	DALI	43°	160	215	165	✓
77 653	52.5 W	4615 lm	DALI	51°	230	295	230	✓
77 797	77.0 W	7875 lm	DALI	50°	230	295	230	✓

Accessories



Exchangeable lens	Flat beam	Cylinder shield
70 075	70 756	70 712
70 076	70 757	70 720
70 077	70 758	—
70 077	70 758	—



Exchangeable lens	Flat beam	Cylinder shield	Louvre
70 055	70 756	70 760	—
70 060	70 757	70 796	—
70 065	70 758	70 775	—
70 065	70 758	70 775	—

β = Half beam angle

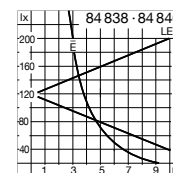
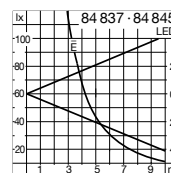
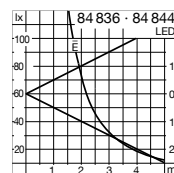
Exchangeable lens · Flat beam

Shield

Cylinder shield

Louvre





BEGA UniLink compact floodlights with earth spike · With connection adapter

BEGA UniLink compact floodlights belong to the group of floodlights on Pages 342 to 347.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

You will find BEGA UniLink compact floodlights in two different versions in the table on Page 347.

Floodlights with **earth spike** are suitable for non-permanent installation in the ground.

Floodlights with **connection adapters** can be combined with numerous accessories for installation on trees, pipes or wooden structures, for example.

Shields and exchangeable lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 370 to 1930 lm

Connected wattage 4.1 to 24.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Earth spike made of glass fibre reinforced synthetic material

5 m connecting cable with UniLink plug connector

on/off power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite

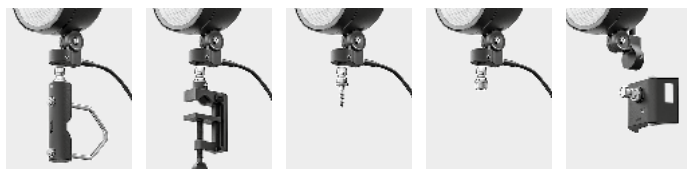
On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for LED modules

Light distribution



43-51°



Accessories for BEGA UniLink compact floodlights with connection adapter can be found on Page 577.

BEGA UniLink system components:



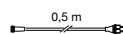
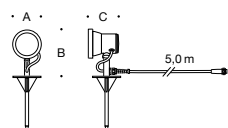
Mains plug
Type F/E (Europe)





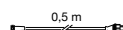
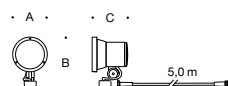
Extension cables





Five-way
distribution box




BEGA UniLink compact floodlights with earth spike							Connecting cable		Accessories		
Wide beam	LED	PSU	β	A	B	C	With mains plug				
84 836	4.1 W	370 lm	on/off	51°	105	175	110	71 180	Type F/E	70 050	70 755
84 837	15.0 W	1260 lm	on/off	46°	140	215	140	71 180	Type F/E	70 055	70 756
84 838	24.0 W	1930 lm	on/off	43°	160	230	165	71 180	Type F/E	70 060	70 757



BEGA UniLink compact floodlights with connection adapter							Connecting cable		Accessories		
Wide beam	LED	PSU	β	A	B	C	With mains plug				
84 844	4.1 W	370 lm	on/off	51°	105	150	110	71 180	Type F/E	70 050	70 755
84 845	15.0 W	1260 lm	on/off	46°	140	205	140	71 180	Type F/E	70 055	70 756
84 846	24.0 W	1930 lm	on/off	43°	160	225	165	71 180	Type F/E	70 060	70 757

BEGA UniLink system components · With mains plug			BEGA UniLink system components	
71 180	Type F	Germany and Europe	71 186	Extension cable · 5 m
	Type E	France and Belgium	71 187	Extension cable · 10 m
71 181	Type G	Great Britain	71 188	Extension cable · 20 m
71 182	Type J	Switzerland and Liechtenstein	71 189	Five-way distribution box
71 184	Type K	Denmark		
71 183	Type L	Italy		

β = Half beam angle

 Exchangeable lens · Flat beam

 Shield





Performance floodlights **with outrigger arm and mounting box** · With mounting box
Performance floodlights for additive colour mixing **RGBW**

On Pages 348 to 353, you will find BEGA performance floodlights in various designs. The floodlights in four different housing sizes are characterised by their compact design and high luminaire luminous flux.

We use durable and virtually age-resistant materials, such as glass, aluminium and silicone, in the optical systems of these floodlights. Following extensive testing and as a matter of principle, we do not use commercial optical polymer lenses for light deflection. Neither their ageing resistance nor their thermal stability meet our requirements.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Floodlights **with outrigger arm and mounting box** illuminate areas below or above their own installation point.

Floodlights **with mounting box** are suitable for installation on walls, ceilings and foundations provided by the customer.

The **RGBW luminaires** can be controlled by DALI colour light control (DT8, RGBWAF, xy,TC). Suitable DALI system components can be found on Page 568.

Shields, louvres and diffuser lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA

Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	395 to 8270 lm
Connected wattage	5.2 to 79.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass · Reflector surface

Pure aluminium · Optical silicone lens

BEGA Hybrid Optics®

RGBW floodlights:

BEGA Constant Optics®

on/off or

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

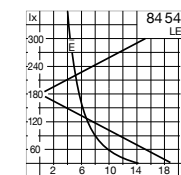
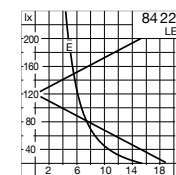
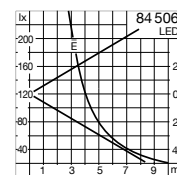
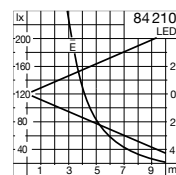
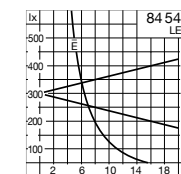
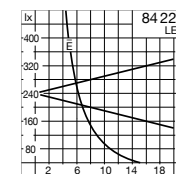
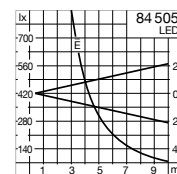
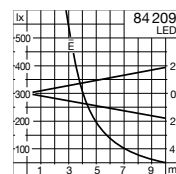
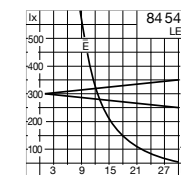
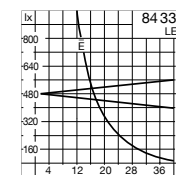
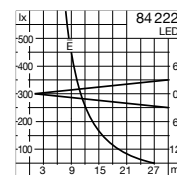
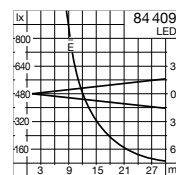
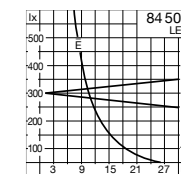
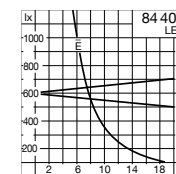
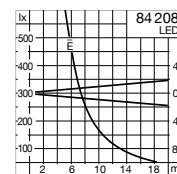
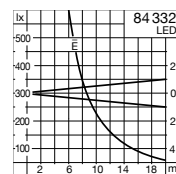
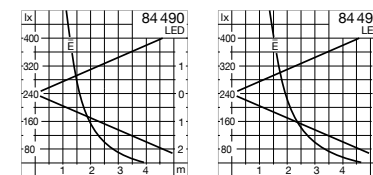
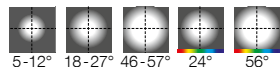
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

Light distribution



Accessories:



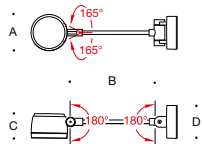
Shield



Louvre



Diffuser lens
flat beam



Performance floodlights with outrigger arm and mounting box										Accessories		
Wide beam	LED		PSU	β	A	B	C	D	AC/DC			
84 490	5.2 W	495 lm	on/off	46°	145	700	100	130		<input checked="" type="checkbox"/>		
84 491	9.4 W	975 lm	DALI	46°	145	700	100	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



Performance floodlights with mounting box										Accessories		
Focused	LED		PSU	β	A	B	C	D	AC/DC			
84 332	10.2 W	395 lm	on/off	5°	145	225	120	100	<input checked="" type="checkbox"/>			
84 208	20.3 W	1245 lm	DALI	8°	145	225	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 408	16.4 W	495 lm	DALI	5°	175	255	125	100	<input checked="" type="checkbox"/>			
84 504	41.0 W	2115 lm	DALI	10°	175	255	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 409	29.8 W	1010 lm	DALI	5°	210	310	130	130	<input checked="" type="checkbox"/>			
84 222	68.0 W	4180 lm	DALI	12°	210	310	130	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 333	60.0 W	2095 lm	DALI	5°	250	350	140	130	<input checked="" type="checkbox"/>			
84 544	79.0 W	4430 lm	DALI	10°	250	350	140	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Wide beam												
84 209	19.0 W	1935 lm	DALI	18°	145	225	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 505	40.0 W	3885 lm	DALI	24°	175	255	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 223	66.0 W	7035 lm	DALI	25°	210	310	130	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 545	77.2 W	8270 lm	DALI	27°	250	350	140	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Very wide beam												
84 210	19.0 W	1940 lm	DALI	46°	145	225	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 506	40.0 W	3910 lm	DALI	64°	175	255	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 224	66.0 W	6915 lm	DALI	55°	210	310	130	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
84 546	77.2 W	8170 lm	DALI	57°	250	350	140	130	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

RGBW performance floodlights with mounting box										
Wide beam	LED		PSU	β	A	B	C	D	AC/DC	
84 866	24.0 W	1200 lm	DALI DT8	24°	145	225	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
84 868	39.0 W	2000 lm	DALI DT8	24°	175	255	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Very wide beam										
84 867	24.0 W	1200 lm	DALI DT8	56°	145	225	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
84 869	39.0 W	2000 lm	DALI DT8	56°	175	255	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



β = Half beam angle

Diffuser lens · Flat beam

Shield

Louvre



Accessories:



Shield



Louvre



Diffuser lens
flat beam

Performance floodlights with G ½ · ISO 228 threaded connection Performance floodlights for additive colour mixing RGBW

On Pages 348 to 353, you will find BEGA performance floodlights in various designs.

Floodlights with G ½ threaded connection are suitable for installation on existing on-site G ½ threaded holes – in combination with BEGA accessories, this can be used for various floodlight installation applications. You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories with G ½ threaded holes can be found on Page 574.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Shields, louvres and diffuser lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

The **RGBW luminaires** can be controlled by DALI colour light control (DT8, RGBWAF, xy, TC). Suitable DALI system components can be found on Page 568.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	395 to 8270 lm
Connected wattage	10.2 to 79.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

BEGA Hybrid Optics®

RGBW floodlights:

BEGA Constant Optics®

1.0m connecting cable with free cable ends

On/off or

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

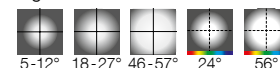
Luminaire colour · BEGA Unidure®

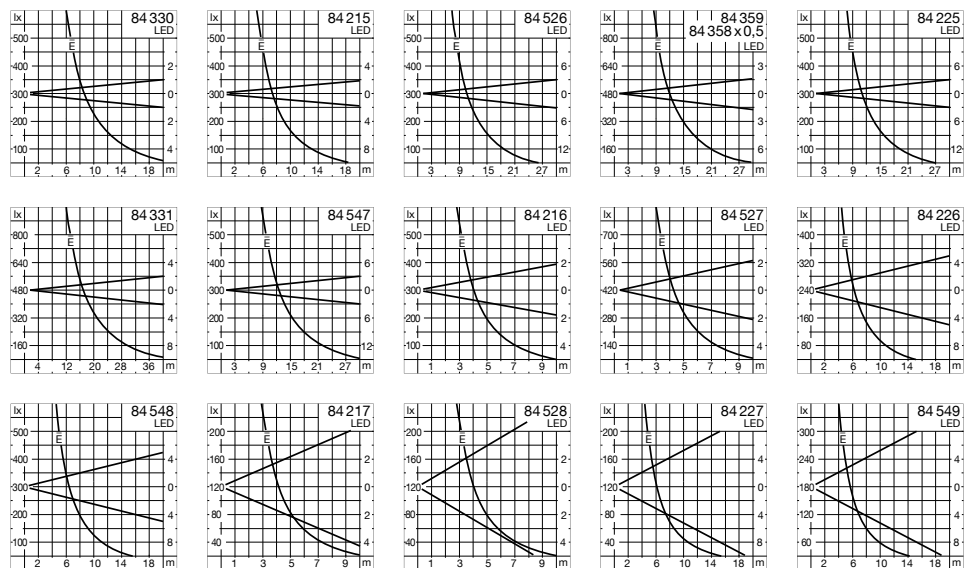
■ Graphite – article number

■ Silver – article number + **A**

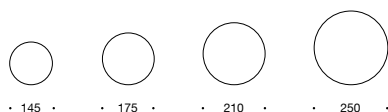
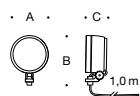
20-year availability guarantee for LED modules

Light distribution





Suitable accessories for floodlights with **G ½ threaded connection** can be found on Page 574.



Performance floodlights with G ½ threaded connection

Focused	LED	PSU	β	A	B	C	AC/DC	Diffuser lens	Shield	Louvre	
84 330	10.2 W	395 lm	on/off	5°	145	225	120	✓	—	—	Integrated
84 215	20.3 W	1245 lm	DALI	8°	145	225	100	✓	71 120	71 118	Integrated
84 358	16.4 W	495 lm	DALI	5°	175	255	125	✓	—	—	Integrated
84 526	41.0 W	2115 lm	DALI	10°	175	255	100	✓	71 113	71 111	Integrated
84 359	29.8 W	1010 lm	DALI	5°	210	310	130	✓	—	—	Integrated
84 225	68.0 W	4180 lm	DALI	12°	210	310	130	✓	71 123	71 121	Integrated
84 331	60.0 W	2095 lm	DALI	5°	250	350	140	✓	—	—	Integrated
84 547	79.0 W	4430 lm	DALI	10°	250	350	140	✓	71 074	71 072	Integrated
Wide beam											
84 216	19.0 W	1935 lm	DALI	18°	145	225	100	✓	71 120	71 118	71 119
84 527	40.0 W	3885 lm	DALI	24°	175	255	100	✓	71 113	71 111	71 112
84 226	66.0 W	7035 lm	DALI	25°	210	310	130	✓	71 123	71 121	71 122
84 548	77.2 W	8270 lm	DALI	27°	250	350	140	✓	71 074	71 072	71 073
Very wide beam											
84 217	19.0 W	1940 lm	DALI	46°	145	225	100	✓	71 120	71 118	—
84 528	40.0 W	3910 lm	DALI	64°	175	255	100	✓	71 113	71 111	—
84 227	66.0 W	6915 lm	DALI	55°	210	310	130	✓	71 123	71 121	—
84 549	77.2 W	8170 lm	DALI	57°	250	350	140	✓	71 074	71 072	—

RGBW performance floodlights with G ½ threaded connection

Wide beam	LED	PSU	β	A	B	C	AC/DC	Diffuser lens	Shield	Louvre	
84 870	24.0 W	1200 lm	DALI DT 8	24°	145	225	100	✓	—	71 118	
84 872	39.0 W	2000 lm	DALI DT 8	24°	175	255	100	✓	—	71 111	
Very wide beam											
84 871	24.0 W	1200 lm	DALI DT 8	56°	145	225	100	✓	—	71 118	
84 873	39.0 W	2000 lm	DALI DT 8	56°	175	255	100	✓	—	71 111	

β = Half beam angle

Diffuser lens · Flat beam

Shield

Louvre





BEGA UniLink performance floodlights with earth spike · With connection adapter

BEGA UniLink performance floodlights belong to the group of floodlights on Pages 348 to 353.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example. The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

You will find BEGA UniLink performance floodlights in two different versions in the table on Page 353.

Floodlights **with earth spike** are suitable for non-permanent installation in the ground.

Floodlights **with connection adapters** can be combined with numerous accessories for installation on trees, pipes or wooden structures, for example.

An overview of all accessories for floodlights with connection adapter can be found on Page 574.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Shields and exchangeable lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	975 to 3910 lm
Connected wattage	9.6 to 41.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel · Safety glass
Reflector surface made of pure aluminium
Optical silicone lens · BEGA Hybrid Optics®
5 m connecting cable with UniLink plug connector

on/off power supply units

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**

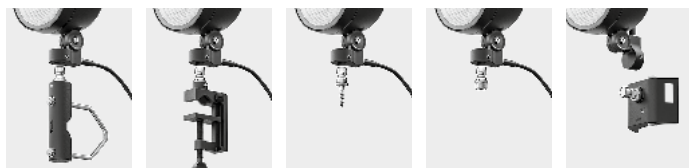
Performance floodlights with earth spike
Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Light distribution



46-64°



Accessories for BEGA UniLink floodlights **with connection adapter** can be found on Page 577.

BEGA UniLink system components:



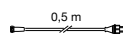
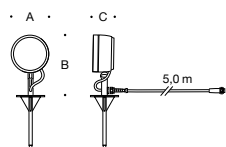
Mains plug
Type F/E
(Europe)



Extension cables





Five-way
distribution box

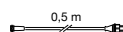
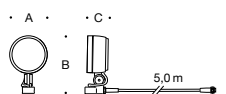


BEGA UniLink performance floodlights **with earth spike**

Connecting cable

Accessories



Wide beam	LED	PSU	β	A	B	C	With mains plug				
							71 180	Type F/E			
84 488	9.6 W	975 lm	on/off	46°	145	235	100	71 180	Type F/E	71 120	71 118
84 489	19.3 W	1940 lm	on/off	46°	145	235	100	71 180	Type F/E	71 120	71 118
84 858	41.0 W	3910 lm	on/off	64°	175	265	100	71 180	Type F/E	71 113	71 111



BEGA UniLink performance floodlights **with connection adapter**

Connecting cable

Accessories

Wide beam	LED	PSU	β	A	B	C	With mains plug				
							71 180	Type F/E			
84 847	9.6 W	975 lm	on/off	46°	145	225	100	71 180	Type F/E	71 120	71 118
84 848	19.3 W	1940 lm	on/off	46°	145	225	100	71 180	Type F/E	71 120	71 118
84 849	41.0 W	3910 lm	on/off	64°	175	255	100	71 180	Type F/E	71 113	71 111


BEGA UniLink system components · **With mains plug**

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

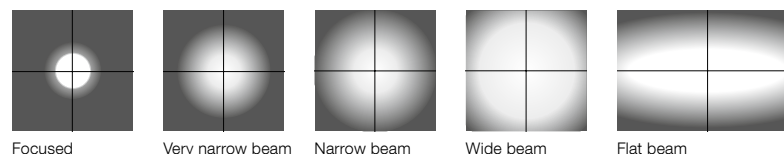
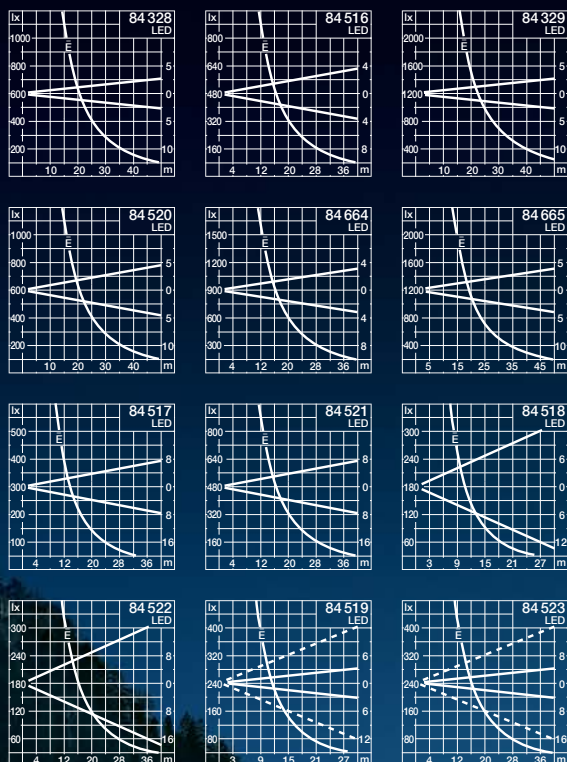
71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box

β = Half beam angle

 Diffuser lens · Flat beam

 Shield





High-performance floodlights

High-performance floodlights for additive colour mixing **RGBW**

On Pages 354 to 357, you will find our high-performance floodlights in various designs. With a luminaire luminous flux of more than 42 000 lumens, they set new standards in terms of economy and efficiency.

This series continues our history of successful high-performance floodlights with all of the quality features. These floodlights are characterised by the extremely long service lives of their LED and power supply units and of their precise optical systems.

We use durable and virtually age-resistant materials, such as glass, aluminium and silicone, in the optical systems of these floodlights. Highly efficient reflectors create either very narrow beam, narrow beam, wide beam or flat beam light distribution for a wide variety of application situations.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories for high-performance floodlights can be found on Page 578.

Shields and internal louvres are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

The RGBW floodlights in this series can be controlled by DALI colour light control (DT 8, RGBWAF, xy). Suitable DALI system components can be found on Page 568.

Floodlights from this series for ambient temperatures max. $t_a = 40/45/50$ °C can be found on Page 356.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 3910 to 42 230 lm

Connected wattage 106.0 to 326.0 W

Protection class IP 67

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

Mounting bracket with one central hole $\varnothing 22$ mm and two $\varnothing 9$ mm holes 80 mm apart

BEGA Ultimate Driver® · DALI-controllable
Output manually adjustable in four steps
100 % · 70 % · 50 % · 30 %

Ambient temperature max. $t_a = 25$ °C
BEGA Thermal Management®

Focussed, very narrow beam and flat beam light distribution:
BEGA Hybrid Optics®

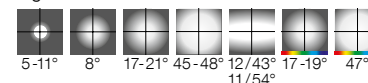
LED colour temperature
2200 K – article number + **K2**
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaires 84 328 · 84 329 · 84 664 · 84 665
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Light distribution





Accessories:



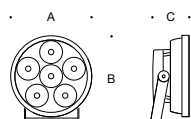
Shield



Louvre set



Suitable accessories for high-performance floodlights can be found on Page 578.



Focused light distribution with reduced diffuse light percentage

	LED	PSU	β	A	B	C	AC/DC	
84 328	106.0 W	3910 lm	DALI	5°	380	410	175	✓
84 516	132.0 W	7670 lm	DALI	11°	380	410	175	✓
84 329	270.0 W	8165 lm	DALI	5°	500	530	220	✓
84 520	323.0 W	14 955 lm	DALI	10°	500	530	220	✓

Accessories



—	Integrated
71 110	Integrated
—	Integrated
71 101	Integrated

Very narrow beam light distribution

	LED	PSU	β	A	B	C	AC/DC	
84 664	138.5 W	14 285 lm	DALI	8°	380	410	175	✓
84 665	282.0 W	30 570 lm	DALI	8°	500	530	220	✓

Accessories



71 110	71 109
71 101	71 221

Narrow beam light distribution

	LED	PSU	β	A	B	C	AC/DC	
84 517	132.0 W	15 005 lm	DALI	17°	380	410	175	✓
84 521	326.0 W	41 335 lm	DALI	21°	500	530	220	✓

Accessories



71 110	71 109
71 101	71 105

Wide beam light distribution

	LED	PSU	β	A	B	C	AC/DC	
84 518	132.0 W	15 555 lm	DALI	45°	380	410	175	✓
84 522	326.0 W	42 230 lm	DALI	48°	500	530	220	✓

Accessories



71 110	—
71 101	—

Flat beam light distribution

	LED	PSU	β	A	B	C	AC/DC	
84 519	132.0 W	7 435 lm	DALI	12/43°	380	410	175	✓
84 523	323.0 W	14 870 lm	DALI	11/54°	500	530	220	✓

Accessories



71 110	Integrated
71 101	Integrated

RGBW - Narrow beam light distribution

	LED	PSU	β	A	B	C	AC/DC	
84 524	132.0 W	8340 lm	DALI DT 8	17°	380	410	175	✓
84 525	260.0 W	16 385 lm	DALI DT 8	19°	500	530	220	✓

Accessories



71 110	71 109
71 101	71 105

RGBW - Wide beam light distribution

	LED	PSU	β	A	B	C	AC/DC	
84 529	132.0 W	8335 lm	DALI DT 8	47°	380	410	175	✓
84 530	260.0 W	16 050 lm	DALI DT 8	47°	500	530	220	✓

Accessories

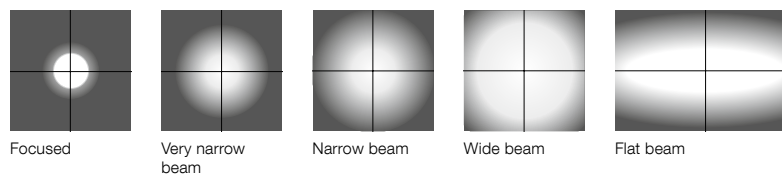
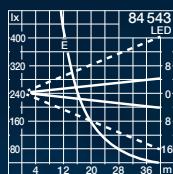
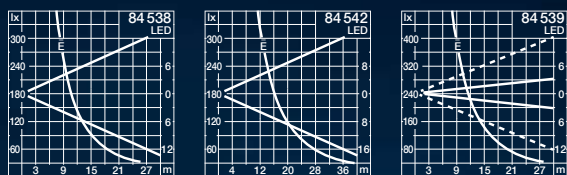
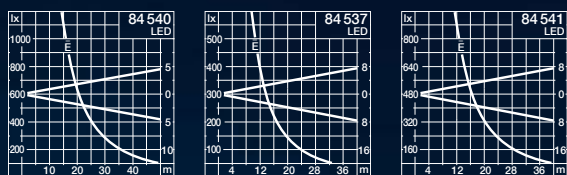
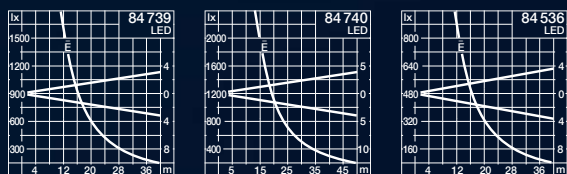


71 110	—
71 101	—



β = Half beam angle





High-performance floodlights for high ambient temperatures · max. $t_a = 40/45/50^\circ\text{C}$
 High-performance floodlights for additive colour mixing RGBW

On Pages 354 to 357, you will find BEGA high-performance floodlights in various designs.

Floodlights for high ambient temperatures with various light distributions.

Shields and internal louvres are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories for high-performance floodlights can be found on Page 578.

The RGBW floodlights in this series can be controlled by DALI colour light control (DT8, RGBWAF, xy). Suitable DALI system components can be found on Page 568.

Floodlights from this series for ambient temperatures max. $t_a = 25^\circ\text{C}$ can be found on Page 354.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 7435 to 42 230 lm

Connected wattage 132.0 to 326.0 W

Protection class IP 67

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium

Optical silicone lens

Mounting bracket with one central hole

Ø 22 mm and two Ø 9 mm holes

80 mm apart

BEGA Ultimate Driver® · DALI-controllable

Output manually adjustable in four steps

100 % · 70 % · 50 % · 30 %

Ambient temperature max. $t_a = 40/45/50^\circ\text{C}$

BEGA Thermal Management®

Focussed, very narrow beam and flat beam light distribution:

BEGA Hybrid Optics®

LED colour temperature

2200 K – article number + **K2**

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaires 84 739 · 84 740

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

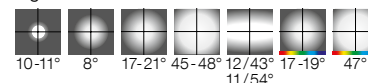
Luminaire colour · BEGA Unidure®

■ Graphite

20-year availability guarantee for

LED modules

Light distribution





Accessories:



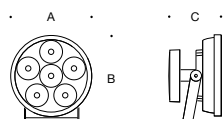
Shield



Louvre set



Suitable accessories for high-performance floodlights can be found on Page 578.



Focused light distribution with reduced diffuse light percentage

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 536	132.0 W	7670 lm	45 °C	DALI	11°	380	410	235	✓
84 540	323.0 W	14 955 lm	40 °C	DALI	10°	500	530	310	✓

Accessories



71 110 Integrated
71 101 Integrated

Very narrow beam light distribution

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 739	138.5 W	14 285 lm	50 °C	DALI	8°	380	410	235	✓
84 740	282.0 W	30 570 lm	50 °C	DALI	8°	500	530	310	✓

Accessories



71 110 **71 109**
71 101 **71 221**

Narrow beam light distribution

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 537	132.0 W	15 005 lm	45 °C	DALI	17°	380	410	235	✓
84 541	326.0 W	41 335 lm	45 °C	DALI	21°	500	530	310	✓

Accessories



71 110 **71 109**
71 101 **71 105**

Wide beam light distribution

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 538	132.0 W	15 555 lm	45 °C	DALI	45°	380	410	235	✓
84 542	326.0 W	42 230 lm	45 °C	DALI	48°	500	530	310	✓

Accessories



71 110 —
71 101 —

Flat beam light distribution

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 539	132.0 W	7435 lm	45 °C	DALI	12/43°	380	410	235	✓
84 543	323.0 W	14 870 lm	40 °C	DALI	11/54°	500	530	310	✓

Accessories

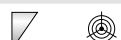


71 110 Integrated
71 101 Integrated

RGBW · Narrow beam light distribution

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 550	132.0 W	8340 lm	45 °C	DALI DT8	17°	380	410	235	✓
84 551	260.0 W	16 385 lm	45 °C	DALI DT8	19°	500	530	310	✓

Accessories

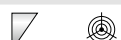


71 110 **71 109**
71 101 **71 105**

RGBW · Wide beam light distribution

	LED	max. t _a	PSU	β	A	B	C	AC/DC	
84 552	132.0 W	8335 lm	45 °C	DALI DT8	47°	380	410	235	✓
84 553	260.0 W	16 050 lm	45 °C	DALI DT8	47°	500	530	310	✓

Accessories



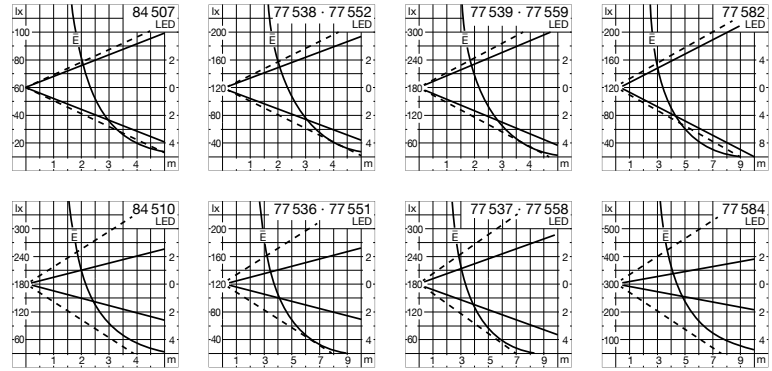
71 110 —
71 101 —



max. t_a = maximum permissible ambient temperature

β = Half beam angle





Surface floodlights **with outrigger arm and mounting box** · **With mounting box**
Surface floodlights for additive colour mixing **RGBW**

On Pages 358 to 363 you will find BEGA surface floodlights for different types of installation.

Compact, efficient and versatile – this series completes our range of surface floodlights. The series features not only highly efficient BEGA LED modules, three different housing sizes and reflectors for very wide beam or flat beam light distribution, but also a luminaire luminous flux of more than 7.000 lumens.

Floodlights **with outrigger arm and mounting box** illuminate areas below or above their own installation point.

Floodlights **with mounting box** are suitable for installation on walls, ceilings and foundations provided by the customer.

Shields are available as accessories for these floodlights. Please order accessories separately.

The **RGBW luminaires** can be controlled by DALI colour light control (DT 8, RGBWAF, xy). Suitable DALI system components can be found on Page 568.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1060 to 7025 lm
Connected wattage	11.9 to 73.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium

on/off or
DALI-controllable power supply units

BEGA Thermal Management®

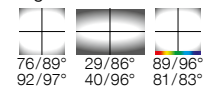
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**
□ White – article number + **W**

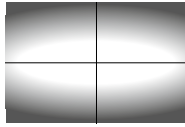
20-year availability guarantee for LED modules

Light distribution

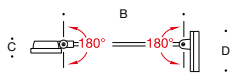
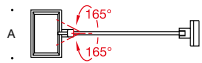




Very wide beam

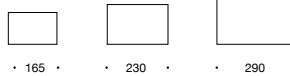
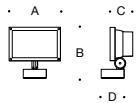


Flat beam



Surface floodlights with outrigger arm and mounting box

Very wide beam	LED	PSU	β	A	B	C	D	AC/DC	Shield	
77 552	20.7 W	2390 lm	DALI	76/89°	165 × 110	700	50	90 × 190	✓	70 500
77 559	30.4 W	3705 lm	DALI	92/97°	230 × 150	700	60	105 × 240	✓	70 502
Flat beam	LED	PSU	β	A	B	C	D	AC/DC	Shield	
77 551	20.7 W	2175 lm	DALI	29/86°	165 × 110	700	50	90 × 190	✓	70 500
77 558	30.4 W	3600 lm	DALI	40/96°	230 × 150	700	60	105 × 240	✓	70 502



Surface floodlights with mounting box

Very wide beam	LED	PSU	β	A	B	C	D	AC/DC	Shield	
84 507	11.9 W	1185 lm	on/off	80/90°	165	185	90	100	✓	70 500
77 538	20.5 W	2390 lm	DALI	76/89°	165	185	90	100	✓	70 500
77 539	30.4 W	3705 lm	DALI	92/97°	230	225	100	100	✓	70 502
77 582	73.0 W	7025 lm	DALI	85/93°	290	270	125	100	✓	70 525
Flat beam	LED	PSU	β	A	B	C	D	AC/DC	Shield	
84 510	11.9 W	1060 lm	on/off	28/87°	165	185	90	100	✓	70 500
77 536	20.5 W	2175 lm	DALI	29/86°	165	185	90	100	✓	70 500
77 537	30.4 W	3600 lm	DALI	40/96°	230	225	100	100	✓	70 502
77 584	73.0 W	6565 lm	DALI	32/88°	290	270	125	100	✓	70 525

Surface floodlights with mounting box · RGBW

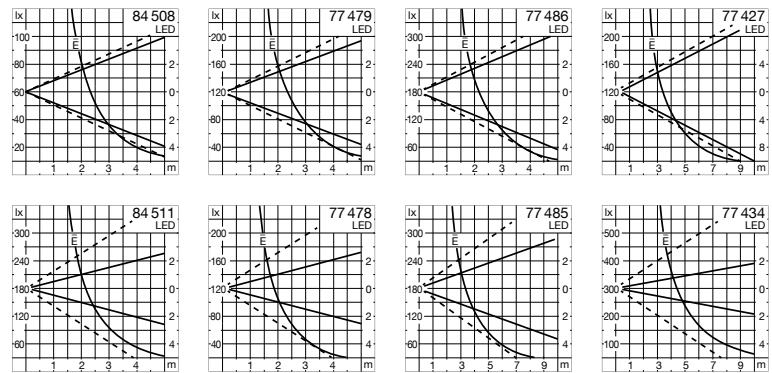
Very wide beam	LED	PSU	β	A	B	C	D	AC/DC	Shield	
84 391	35.0 W	1760 lm	DALI DT8	89/96°	230	225	100	100	—	70 502
84 392	66.0 W	3585 lm	DALI DT8	81/83°	290	270	125	100	✓	70 525



β = Half beam angle



Shield



Surface floodlights with G ½ · ISO 228 threaded connection

On Pages 358 to 363, you will find BEGA surface floodlights in various designs.

Floodlights with G ½ threaded connection are suitable for installation on existing on-site G ½ threaded holes – in combination with BEGA accessories, this can be used for various floodlight installation applications. You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories with G ½ threaded holes can be found on Page 574.

Shields are available as accessories for these floodlights. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1060 to 7025 lm

Connected wattage 11.9 to 73.0 W

Protection class I P 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium
1.0m connecting cable with free cable ends

on/off or

DALI-controllable power supply units

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

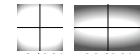
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

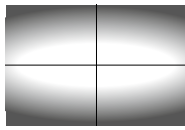
Light distribution



76/89° 29/86°
92/97° 40/96°



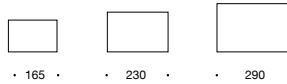
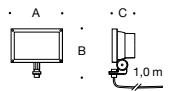
Very wide beam



Flat beam



Suitable accessories for floodlights with **G ½ threaded connection** can be found on Page 574.



Surface floodlights with G ½ threaded connection

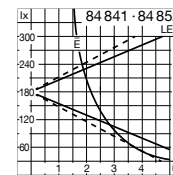
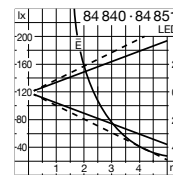
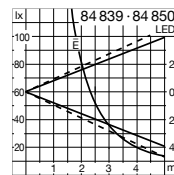
Very wide beam	LED		Netzteil	β	A	B	C	AC/DC	Shield
84 508	11.9 W	1185 lm	on/off	80/90°	165	185	90	✓	70 500
77 479	20.5 W	2390 lm	DALI	76/89°	165	185	90	✓	70 500
77 486	30.4 W	3705 lm	DALI	92/97°	230	225	100	✓	70 502
77 427	73.0 W	7025 lm	DALI	85/93°	290	270	125	✓	70 525
Flat beam									
84 511	11.9 W	1060 lm	on/off	28/87°	165	185	90	✓	70 500
77 478	20.5 W	2175 lm	DALI	29/86°	165	185	90	✓	70 500
77 485	30.4 W	3600 lm	DALI	40/96°	230	225	100	✓	70 502
77 434	73.0 W	6565 lm	DALI	32/88°	290	270	125	✓	70 525

β = Half beam angle



Shield





BEGA UniLink surface floodlights **with earth spike** · **With connection adapter**

BEGA UniLink surface floodlights belong to the group of floodlights on Pages 358 to 363.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector. This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

You will find BEGA UniLink surface floodlights in two different versions in the table on Page 363.

Floodlights **with earth spike** are suitable for non-permanent installation in the ground.

Floodlights **with connection adapters** can be combined with numerous accessories for installation on trees, pipes or wooden structures, for example.

An overview of all accessories for floodlights with connection adapter can be found on Page 577.

Shields are available as accessories for these floodlights. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1185 to 3705 lm

Connected wattage 11.9 to 32.5 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Reflector made of pure anodised aluminium

Earth spike made of glass fibre reinforced synthetic material

5 m connecting cable with UniLink plug connector

on/off power supply units

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

Surface floodlights with earth spike

Luminaire colour · BEGA Unidure®

■ Graphite

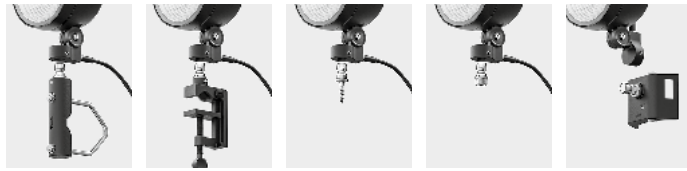
20-year availability guarantee for LED modules

Light distribution



76/89°

92/97°



Accessories for BEGA UniLink floodlights **with connection adapter** can be found on Page 577.

BEGA UniLink system components:



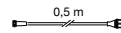
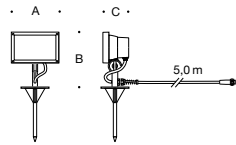
Mains plug
Type F/E
(Europe)



Extension cables



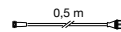
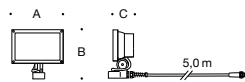
Five-way
distribution box



BEGA UniLink surface floodlights **with earth spike**

Connecting cable

Very wide beam	LED	PSU	β	A	B	C	With mains plug		Shield	
							Typ F/E	70 500		
84 839	11.9 W	1185 lm	on/off	80/90°	165 × 110	195	90	71 180	Typ F/E	70 500
84 840	20.5 W	2390 lm	on/off	76/89°	165 × 110	195	90	71 180	Typ F/E	70 500
84 841	32.5 W	3705 lm	on/off	92/97°	230 × 150	240	100	71 180	Typ F/E	70 502



BEGA UniLink surface floodlights **with connection adapter**

Connecting cable

Very wide beam	LED	PSU	β	A	B	C	With mains plug		Shield	
							Typ F/E	70 500		
84 850	11.9 W	1185 lm	on/off	80/90°	165	185	90	71 180	Typ F/E	70 500
84 851	20.5 W	2390 lm	on/off	76/89°	165	185	90	71 180	Typ F/E	70 500
84 852	32.5 W	3705 lm	on/off	92/97°	230	225	100	71 180	Typ F/E	70 502

BEGA UniLink system components · **With mains plug**

BEGA UniLink system components

71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box

β = Half beam angle





Surface floodlight

With outrigger arm and mounting box · With mounting box
With G ½ · ISO 228 threaded connection

BEGA surface floodlights for asymmetrical wide beam light distribution.

Compact, efficient and available in two different housing sizes with highly efficient BEGA LED modules and a luminaire luminous flux of more than 2600 lumens.

Floodlights **with outrigger arm and mounting box** illuminate areas below or above their own installation surface.

Floodlights **with mounting box** are suitable for installation on walls, ceilings and foundations provided by the customer.

Floodlights **with G ½ threaded connection** are suitable for installation on existing on-site G ½ threaded holes – in combination with BEGA accessories, this can be used for various floodlight installation applications. You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories with G ½ threaded holes can be found on Page 574.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1185 · 2660 lm
Connected wattage	13.5 · 22.2 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium
 Luminaires with G ½ threaded connection:
 1.0m connecting cable with free cable ends

On/off or
 DALI-controllable power supply units

BEGA Thermal Management®

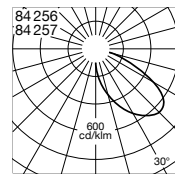
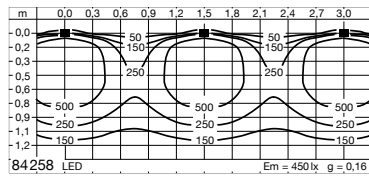
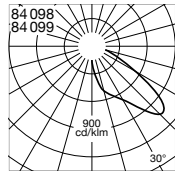
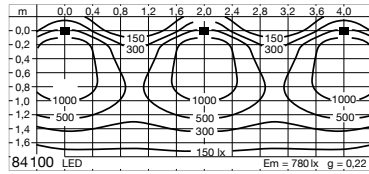
LED colour temperature
 3000K – article number + **K3**
 4000K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

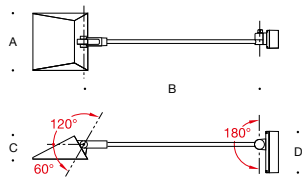
20-year availability guarantee for LED modules

Light distribution



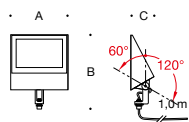


Suitable accessories for floodlights with **G ½ threaded connection** can be found on Page 574.



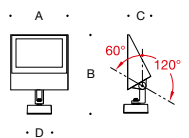
Surface floodlights with outrigger arm and mounting box

	LED	PSU	A	B	C	D	AC/DC	
84 258	13.5 W	1185 lm	on/off	180	500	80	Ø90	✓
84 100	22.2 W	2660 lm	DALI	260	700	105	90×190	✓



Surface floodlights with G ½ threaded connection

	LED	PSU	A	B	C	D	AC/DC	
84 257	13.5 W	1185 lm	on/off	180	255	80		✓
84 099	22.2 W	2660 lm	DALI	260	335	105		✓



Surface floodlights with mounting box

	LED	PSU	A	B	C	D	AC/DC	
84 256	13.5 W	1185 lm	on/off	180	285	80	90	✓
84 098	22.2 W	2660 lm	DALI	260	360	105	110	✓





Performance floodlights **with mounting box**
Performance floodlights for additive colour mixing **RGBW**

On Pages 366 to 371, you will find BEGA performance floodlights in various designs. This compact series boasts three different housing sizes and a luminaire luminous flux of more than 10 000 lumens.

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort.

Additional information on BEGA Vortex Optics® can be found on Page 14. We have developed highly efficient reflectors with narrow beam, wide beam and asymmetrical light distribution for different applications.

We use durable and virtually age-resistant materials, such as glass, aluminium and silicone, in the optical systems of these floodlights.

Floodlights **with mounting box** are suitable for installation on walls, ceilings and foundations provided by the customer.

The **RGBW luminaires** can be controlled by DALI colour light control (DT8, RGBWAF, xy). Suitable DALI system components can be found on Page 568.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 940 to 10 425 lm

Connected wattage 25.5 to 105.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel · Safety glass

Reflector surface made of pure aluminium
BEGA Vortex Optics®

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Luminaires 84 234 · 84 206 · 84 207 · 84 348
84 349 · 84 350:

Output manually adjustable in four steps
100 % · 75 % · 50 % · 30 %

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

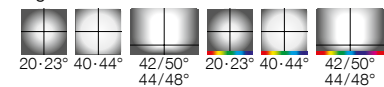
Luminaire colour · BEGA Unidure®

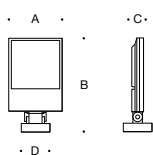
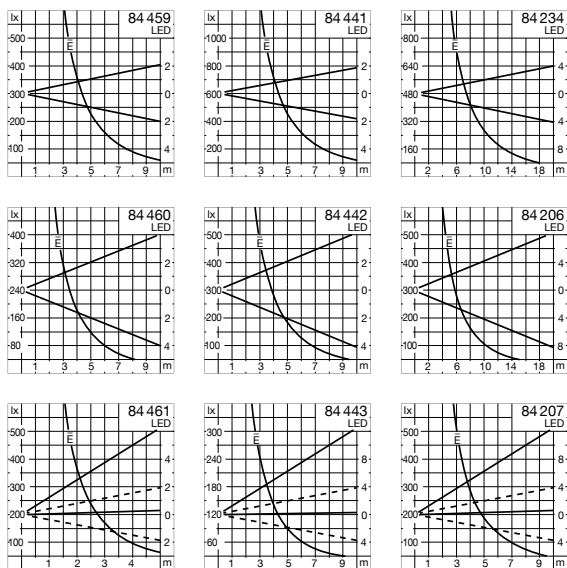
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for
LED modules

Light distribution





Performance floodlights with mounting box

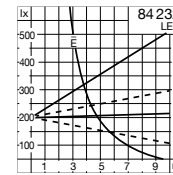
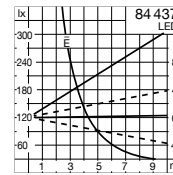
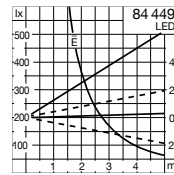
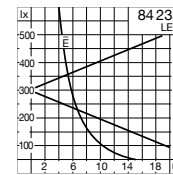
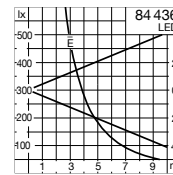
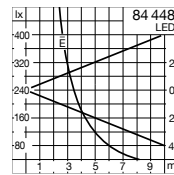
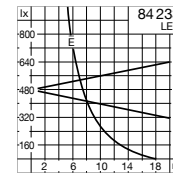
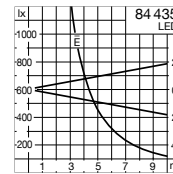
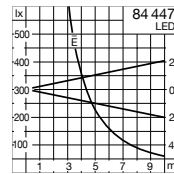
Narrow beam	LED	PSU	β	A	B	C	D	AC/DC	
84 459	26.6 W	1640 lm	DALI	23°	140	310	55	100	✓
84 441	42.5 W	2810 lm	DALI	23°	175	360	55	100	✓
84 234	105.0 W	7645 lm	DALI	23°	250	440	55	130	✓
Wide beam									
84 460	26.6 W	2855 lm	DALI	44°	140	310	55	100	✓
84 442	42.5 W	4605 lm	DALI	44°	175	360	55	100	✓
84 206	105.0 W	10 425 lm	DALI	44°	250	440	55	130	✓
Asymmetrical									
84 461	26.6 W	2575 lm	DALI	44/48°	140	310	55	100	✓
84 443	42.5 W	3720 lm	DALI	44/48°	175	360	55	100	✓
84 207	105.0 W	7740 lm	DALI	44/48°	250	440	55	130	✓

Performance floodlights with mounting box · RGBW

Narrow beam	LED	PSU	β	A	B	C	D	AC/DC	
84 907	25.5 W	940 lm	DALI DT 8	20°	140	310	55	100	✓
84 444	45.0 W	1700 lm	DALI DT 8	20°	175	360	55	100	✓
84 348	105.0 W	3700 lm	DALI DT 8	20°	250	440	55	130	✓
Wide beam									
84 908	25.5 W	1550 lm	DALI DT 8	40°	140	310	55	100	✓
84 445	45.0 W	2805 lm	DALI DT 8	40°	175	360	55	100	✓
84 349	105.0 W	6155 lm	DALI DT 8	40°	250	440	55	130	✓
Asymmetrical									
84 909	25.5 W	1230 lm	DALI DT 8	42/50°	140	310	55	100	✓
84 446	45.0 W	2240 lm	DALI DT 8	42/50°	175	360	55	100	✓
84 350	105.0 W	4260 lm	DALI DT 8	42/50°	250	440	55	130	✓

β = Half beam angle





Performance floodlights
with G ½ · ISO 228 threaded connection
 Performance floodlights for
 additive colour mixing **RGBW**

On Pages 366 to 371, you will find BEGA performance floodlights in various designs.

Floodlights **with G ½ threaded connection** are suitable for installation on existing on-site G ½ threaded holes – in combination with BEGA accessories, this can be used for various floodlight installation applications. You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories with G ½ threaded holes can be found on Page 574.

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort. Additional information on BEGA Vortex Optics® can be found on Page 14.

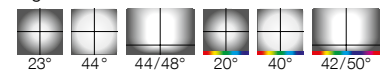
The **RGBW luminaires** can be controlled by DALI colour light control (DT8, RGBWAF, xy). Suitable DALI system components can be found on Page 568.

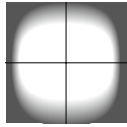
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

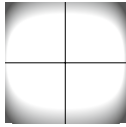
Luminaire luminous flux	940 to 10 425 lm
Connected wattage	25.5 to 105.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
BEGA Vortex Optics®	
1.0 m connecting cable with free cable ends	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Luminaires 84 233 · 84 235 · 84 232 · 84 345 · 84 346 · 84 347:	
Output manually adjustable in four steps	100 % · 75 % · 50 % · 30 %
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

Light distribution





Narrow beam



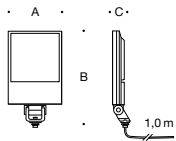
Wide beam



Asymmetrical



Suitable accessories for floodlights with **G ½ threaded connection** can be found on Page 574.



Performance floodlights with G ½ threaded connection

Narrow beam	LED	PSU	β	A	B	C	AC/DC
84 447	26.6 W	1640 lm	DALI	23°	140	310	55 ✓
84 435	42.5 W	2810 lm	DALI	23°	175	360	55 ✓
84 233	105.0 W	7645 lm	DALI	23°	250	440	55 ✓
Wide beam							
84 448	26.6 W	2855 lm	DALI	44°	140	310	55 ✓
84 436	42.5 W	4605 lm	DALI	44°	175	360	55 ✓
84 235	105.0 W	10 425 lm	DALI	44°	250	440	55 ✓
Asymmetrical							
84 449	26.6 W	2575 lm	DALI	44/48°	140	310	55 ✓
84 437	42.5 W	3720 lm	DALI	44/48°	175	360	55 ✓
84 232	105.0 W	7740 lm	DALI	44/48°	250	440	55 ✓

Performance floodlights with G ½ threaded connection · RGBW

Narrow beam	LED	PSU	β	A	B	C	AC/DC
84 904	25.5 W	940 lm	DALI DT 8	20°	140	310	55 ✓
84 438	45.0 W	1700 lm	DALI DT 8	20°	175	360	55 ✓
84 345	105.0 W	3700 lm	DALI DT 8	20°	250	440	55 ✓
Wide beam							
84 905	25.5 W	1550 lm	DALI DT 8	40°	140	310	55 ✓
84 439	45.0 W	2805 lm	DALI DT 8	40°	175	360	55 ✓
84 346	105.0 W	6155 lm	DALI DT 8	40°	250	440	55 ✓
Asymmetrical							
84 906	25.5 W	1230 lm	DALI DT 8	42/50°	140	310	55 ✓
84 440	45.0 W	2240 lm	DALI DT 8	42/50°	175	360	55 ✓
84 347	105.0 W	4260 lm	DALI DT 8	42/50°	250	440	55 ✓

β = Half beam angle





BEGA UniLink performance floodlights with earth spike · With connection adapter

BEGA UniLink performance floodlights belong to the group of floodlights on Pages 366 to 371.

All BEGA UniLink luminaires come with a factory-fitted, five-metre-long connecting cable with a waterproof plug connector.

This can be used to connect extension cables or even five-way distribution boxes, if required.

This makes it quick and easy to position several luminaires in remote locations in a garden, for example.

The system can be expanded or modified at any time by means of additional five-way distribution boxes and extension cables, and with additional luminaires with BEGA UniLink plug connectors.

All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual

BEGA UniLink luminaires or a UniLink system to the mains.

An overview of all available national mains plugs and further information on BEGA UniLink can be found on Page 576.

Floodlights **with earth spike** are suitable for non-permanent installation in the ground.

Floodlights **with connection adapters** can be combined with numerous accessories for installation on trees, pipes or wooden structures, for example.

An overview of all accessories for floodlights with connection adapter can be found on Page 577.

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort.

Additional information on BEGA Vortex Optics® can be found on Page 14.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2855 · 4605 lm
Connected wattage	26.6 · 42.5 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel · Safety glass
Reflector surface made of pure aluminium
BEGA Vortex Optics®
5 m connecting cable with UniLink plug connector

on/off power supply units

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + **A**

Performance floodlights with earth spike

Luminaire colour · BEGA Unidure®

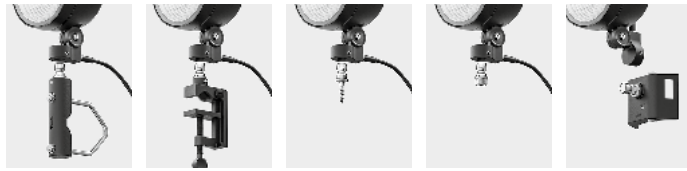
■ Graphite

20-year availability guarantee for LED modules

Light distribution



44°



Accessories for BEGA UniLink floodlights **with connection adapter** can be found on Page 577.

BEGA UniLink system components:



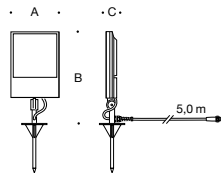
Mains plug
Type F/E (Europe)



Extension cables

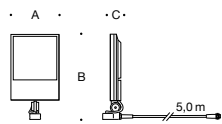


Five-way
distribution box



BEGA UniLink performance floodlights **with earth spike** Connecting cable

Wide beam	LED	PSU	β	A	B	C	With mains plug
84 843	26.6 W	2855 lm	on/off 44°	140	316	55	71 180 Type F/E
84 855	42.5 W	4605 lm	on/off 44°	175	365	55	71 180 Type F/E



BEGA UniLink performance floodlights **with connection adapter** Connecting cable

Wide beam	LED	PSU	β	A	B	C	With mains plug
84 853	26.6 W	2855 lm	on/off 44°	140	285	55	71 180 Type F/E
84 854	42.5 W	4605 lm	on/off 44°	175	335	55	71 180 Type F/E

BEGA UniLink system components · **With mains plug**

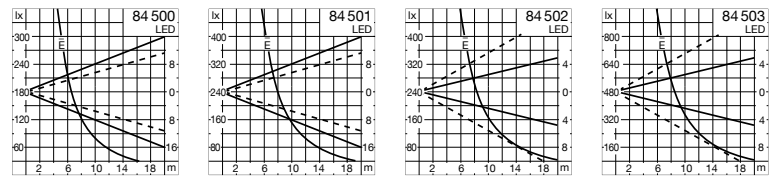
71 180	Type F	Germany and Europe
	Type E	France and Belgium
71 181	Type G	Great Britain
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

BEGA UniLink system components

71 186	Extension cable · 5 m
71 187	Extension cable · 10 m
71 188	Extension cable · 20 m
71 189	Five-way distribution box

β = Half beam angle





High-performance floodlights

High-performance floodlights for additive colour mixing **RGBW**

We have opened a new chapter in the history of our floodlights with these high-performance floodlights. With a flat design and a luminaire luminous flux of more than 40.000 lumens, this series sets new standards in terms of economy and efficiency.

These floodlights are characterised by the long service life of their LED and power supply unit as well as their wear-free optical system.

We have developed highly efficient reflectors with very wide beam or flat beam light distribution for different applications. We use durable and virtually age-resistant materials, such as glass, aluminium and silicone, in the optical systems of these floodlights.

You will find suitable accessories for each floodlight on our website under the respective luminaire article number. A complete overview of all accessories for high-performance floodlights can be found on Page 578.

Shields and internal louvres that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

The RGBW luminaires can be controlled by DALI colour light control (DT8, RGBWAF, xy). Suitable DALI system components can be found on Page 568.

Shields and louvres that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 11070 to 40350 lm

Connected wattage 190.0 to 385.0 W

Protection class IP 67

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Mounting bracket with one Ø22 mm central hole and two Ø9mm holes

Distance apart 80 mm

BEGA Ultimate Driver® · DALI-controllable

Output manually adjustable in four steps

100% · 70% · 50% · 30%

BEGA Thermal Management®

LED colour temperature

2200K – article number + **K2**

3000K – article number + **K3**

4000K – article number + **K4**

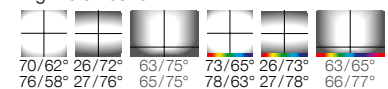
Luminaire colour · BEGA Unidure®

■ Graphite

20-year availability guarantee for

LED modules

Light distribution





Very wide beam



Flat beam



Asymmetrical

Accessories:



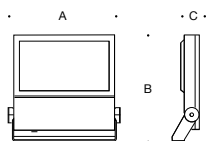
Shield



Louvre



Suitable accessories for high-performance floodlights can be found on Page 578.



High-performance floodlights · **Very wide beam**

	LED	PSU	β	A	B	C	AC/DC
84 500	190.0 W	20 950 lm	DALI	70/62°	525	500	90 ✓
84 501	385.0 W	40 350 lm	DALI	76/58°	620	670	90 ✓

Accessories



71 108 71 107
71 102 71 104



High-performance floodlights · **Flat beam**

	LED	PSU	β	A	B	C	AC/DC
84 502	190.0 W	19 540 lm	DALI	26/72°	525	500	90 ✓
84 503	385.0 W	39 170 lm	DALI	27/76°	620	670	90 ✓

Accessories



71 108 71 106
71 102 71 103



High-performance floodlights · **Asymmetrical**

	LED	PSU	β	A	B	C	AC/DC
84 764	190.0 W	17 805 lm	DALI	63/75°	525	500	90 ✓
84 765	370.0 W	36 860 lm	DALI	65/75°	620	670	90 ✓

Accessories



— —
— —



High-performance floodlights · **RGBW · Very wide beam**

	LED	PSU	β	A	B	C	AC/DC
84 513	190.0 W	11 595 lm	DALI DT 8	73/65°	525	500	90 ✓
84 514	378.0 W	22 285 lm	DALI DT 8	78/63°	620	670	90 ✓

Accessories



71 108 71 107
71 102 71 104



High-performance floodlights · **RGBW · Flat beam**

	LED	PSU	β	A	B	C	AC/DC
84 531	190.0 W	11 070 lm	DALI DT 8	26/73°	525	500	90 ✓
84 532	378.0 W	22 590 lm	DALI DT 8	27/78°	620	670	90 ✓

Accessories



71 108 71 106
71 102 71 103



High-performance floodlights · **RGBW · Asymmetrical**

	LED	PSU	β	A	B	C	AC/DC
84 805	190.0 W	11 315 lm	DALI DT 8	63/65°	525	500	90 ✓
84 806	378.0 W	22 770 lm	DALI DT 8	66/77°	620	670	90 ✓

Accessories



— —
— —

β = Half beam angle

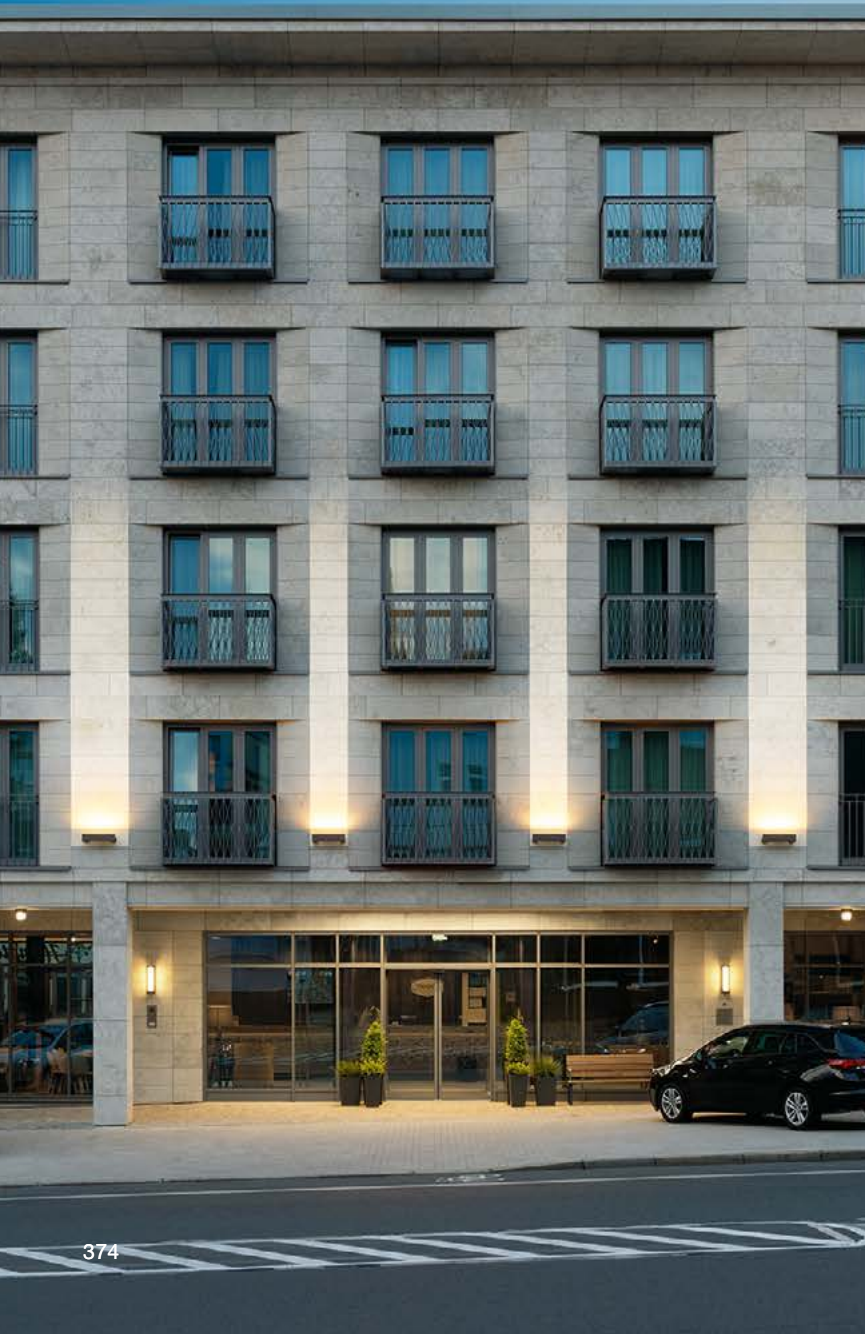


Shield



Louvre





Façade floodlights

We have developed a linear façade floodlight in two lengths, specially designed for the wide-area illumination of partial or entire façades.

The floodlights on this page are available in two colour temperatures, 3000K or 4000K, with symmetrical or asymmetrical light distribution.

BEGA façade floodlights can be installed side by side to form a continuous light strip. The electrical connection to the next luminaire is established using convenient and easy-to-use five-pole plug connectors. We offer connection cables in various lengths for bridging larger distances. The connection cables can also be used as maintenance cables.

On Pages 376 to 377, you can find these luminaires as façade floodlights in Tunable hite and RGBW versions with symmetrical or asymmetrical light distribution.

Please note:

A separate connection box is required for the electrical connection to the luminaires. If the luminaires are connected in series (max. 12 luminaires per connection), a connection box is only required for the first luminaire.

For installation with wall outrigger arms please order connection box 71 064. Connection boxes are accessories and must be ordered separately.

The connection from one luminaire to another is made with the connection cables supplied with the luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1115 to 2815 lm

Connected wattage 15.5 · 28.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units

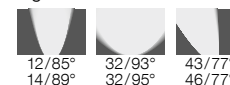
BEGA Thermal Management®

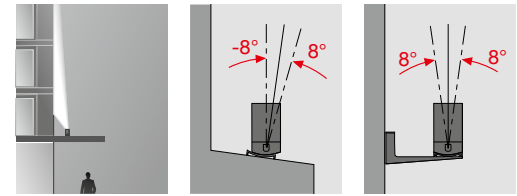
Luminaire colour · BEGA Unidure®

■ Graphite – article number
■ Silver – article number + A

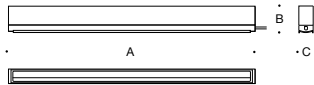
20-year availability guarantee for LED modules

Light distribution





Façade floodlights can be mounted on cantilever plates, canopies or external window sills, or secured to a façade with wall outrigger arm 71 036. The inclination angle of the floodlight is adjustable. Please observe the instructions for use.



Façade floodlights · Symmetrical narrow beam

	LED		PSU	β	A	B	C	AC/DC
77 152	15.5 W	1380 lm	DALI	12/85°	520	105	60	✓
77 153	28.0 W	2815 lm	DALI	14/89°	1000	105	60	✓



Façade floodlights · Symmetrical wide beam

	LED		PSU	β	A	B	C	AC/DC
77 154	15.5 W	1285 lm	DALI	32/93°	520	105	60	✓
77 155	28.0 W	2410 lm	DALI	32/95°	1000	105	60	✓



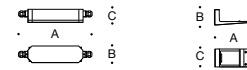
Façade floodlights · Asymmetrical

	LED		PSU	β	A	B	C	AC/DC
77 156	15.5 W	1115 lm	DALI	43/77°	520	105	60	✓
77 157	28.0 W	2165 lm	DALI	46/77°	1000	105	60	✓

β = Half beam angle

Accessories

When installing in series (max. 12 luminaires per connection), a connection box is only required for the first luminaire. For installation with wall outrigger arms please order connection box 71 064.



70 555 · 71 064

71 036

		A	B	C
70 555	Connection box	250	55	45
71 064	Connection box for wall outrigger arms	255	65	60
71 036	Wall outrigger arm	160	65	75
71 037	Connection cable 2 m			
70 556	Connection cable 5 m			
70 557	Connection cable 10 m			



Façade floodlights · RGBW or with tunable white variable colour temperature

We have developed a linear LED façade floodlight in two lengths especially for the large-area illumination of facades or sections of facades.

The floodlights on this page are available as RGBW luminaires or with variable colour temperature (tunable white).

The luminaires can be controlled via DALI colour light control (DT 8, RGBWAF, xy). Suitable DALI system components can be found on Pages 568 to 571.

BEGA façade floodlights can be installed side by side to form a continuous light strip. The electrical connection to the next luminaire is established using convenient and easy-to-use five-pole plug connectors. We offer connection cables in various lengths for bridging larger distances. The connection cables can also be used as maintenance cables.

On Pages 374 to 375, you can find these luminaires as façade floodlights in two colour temperatures, 3000 K or 4000 K, with symmetrical or asymmetrical light distribution.

Please note:

A separate connection box is required for the electrical connection to the luminaires. If the luminaires are connected in series (max. 12 luminaires per connection), a connection box is only required for the first luminaire.

For installation with wall outrigger arms please order connection box 71 064. Connection boxes are accessories and must be ordered separately.

The connection from one luminaire to another is made with the connection cables supplied with the luminaires.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	470 to 2765 lm
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Connected wattage	16.0 to 30.0 W
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Protection class	IP 65
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Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

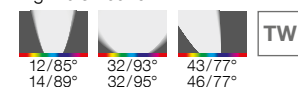
BEGA Thermal Management®

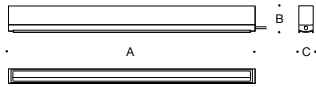
Luminaire colour · BEGA Unidure®

■ Graphite – article number
 ■ Silver – article number + A

20-year availability guarantee for LED modules

Light distribution





Symmetrical narrow beam · RGBW

	LED	PSU	β	A	B	C	AC/DC
84 199	17.0 W	635 lm	DALI DT8	12/85°	520	105	60 ✓
84 200	30.0 W	1315 lm	DALI DT8	14/89°	1000	105	60 ✓

Symmetrical narrow beam · Tunable white · 2700–6500 K

	LED	PSU	β	A	B	C	AC/DC
84 375	16.0 W	1270 lm	DALI DT8	12/85°	520	105	60 ✓
84 376	30.0 W	2765 lm	DALI DT8	14/89°	1000	105	60 ✓



Symmetrical wide beam · RGBW

	LED	PSU	β	A	B	C	AC/DC
84 179	17.0 W	560 lm	DALI DT8	32/93°	520	105	60 ✓
84 180	30.0 W	1100 lm	DALI DT8	32/95°	1000	105	60 ✓

Symmetrical wide beam · Tunable white · 2700–6500 K

	LED	PSU	β	A	B	C	AC/DC
84 377	16.0 W	1175 lm	DALI DT8	32/93°	520	105	60 ✓
84 378	30.0 W	2245 lm	DALI DT8	32/95°	1000	105	60 ✓



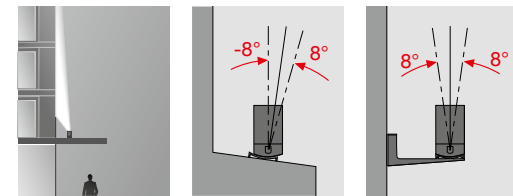
Asymmetrical · RGBW

	LED	PSU	β	A	B	C	AC/DC
84 177	17.0 W	470 lm	DALI DT8	43/77°	520	105	60 ✓
84 178	30.0 W	950 lm	DALI DT8	46/77°	1000	105	60 ✓

Asymmetrical · Tunable white · 2700–6500 K

	LED	PSU	β	A	B	C	AC/DC
84 379	16.0 W	985 lm	DALI DT8	43/77°	520	105	60 ✓
84 380	30.0 W	1985 lm	DALI DT8	46/77°	1000	105	60 ✓

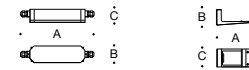
β = Half beam angle



Façade floodlights can be mounted on cantilever plates, canopies or external window sills, or secured to a façade with wall outrigger arm 71 036. The inclination angle of the floodlight is adjustable. Please observe the instructions for use.

Accessories

When installing in series (max. 12 luminaires per connection), a connection box is only required for the first luminaire. For installation with wall outrigger arms please order connection box 71 064.



70 555 · 71 064

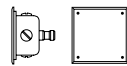
71 036

	A	B	C
70 555 Connection box	250	55	45
71 064 Connection box for wall outrigger arms	255	65	60
71 036 Wall outrigger arm	160	65	75
71 037 Connection cable 2 m			
70 556 Connection cable 5 m			
70 557 Connection cable 10 m			



Distribution box made of stainless steel

Distribution box for installation in floor and wall surfaces
 For installing the cables of swimming pool luminaires in safety class III
 Protection class IP 67 · Stainless steel, material number 1.4301, electropolished
 Technical data can be found in the distribution box data sheet on our website.



70 223 Distribution box

Recessed luminaires for swimming pools

Recessed luminaires for private and public swimming pools.

BEGA underwater luminaires in different sizes and light outputs are suitable for installation in concrete, foil, metal or synthetic pools.

The luminaires may only be operated under water. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

Suitable safety transformers 24 V DC in accordance with EN 61558/VDE 0570 Part 2-6 for the operation of these swimming pool luminaires can be found on Page 566.

An operating device is required to operate RGBW luminaire 99 815.

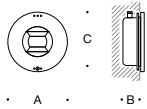
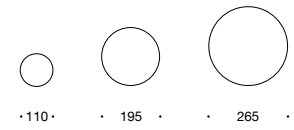
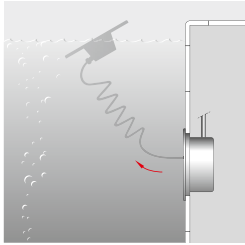
Additional information on BEGA operating devices can be found on Page 569.

Safety regulations must be observed when installing and operating these luminaires and operating devices.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	205 to 4610 lm
Connected wattage	3.9 to 62.0 W
Size	Ø 110 · 195 · 265 mm
Protection class	IP 68 10 m
Safety class	III
Stainless steel, material number 1.4404, electropolished	
Safety glass	
Reflector made of pure anodised aluminium	
A separate 24 V DC power supply unit is required to operate the luminaires.	
Chlorine water-resistant cable	
Recommended installation depth 400 to 700 mm below water surface	
Colour temperature 3000 K – article number + K3	
20-year availability guarantee for LED modules	



Recessed luminaires · 24 V DC

	LED	PSU	A	B	C
88 913	3.9 W 205 lm	without* · 24 V DC	110	120	80
99 812	9.9 W 815 lm	without* · 24 V DC	195	65	150
99 814	18.3 W 2080 lm	without* · 24 V DC	265	70	210
84 400	62.0 W 4610 lm	without* · 24 V DC	265	70	210
99 815	RGBW 30.0 W	without* · 24 V DC	265	70	210

* Suitable safety transformers 24 V DC in accordance with EN 61558/VDE 0570 Part 2-6 for the operation of these swimming pool luminaires can be found on Page 566.





Underwater floodlights

Underwater floodlights for the illumination of ponds, water pools and water features in private and public areas.

These luminaires are available in two versions:

- Floodlight without built-in power supply unit, SC III, supply voltage 24 V DC
- Floodlight with built-in power supply unit, SC I, supply voltage 230 V AC BEGA Thermal Management®.

The luminaires may only be operated under water. To avoid harmful deposits and dirt on the luminaires, the water must have a neutral pH value and must be free of components that attack metal.

Technical data on power supply units for operating floodlights without a built-in power supply unit can be found on Page 566.

Safety regulations must be observed when installing and operating these luminaires and operating devices.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1315 to 3745 lm

Connected wattage 13.7 to 62.0 W

Size Ø 135 · 190 · 220 mm

Protection class IP 68 20 m

Stainless steel, material number 1.4301, electropolished

Safety glass

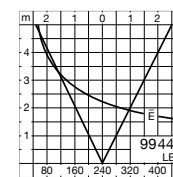
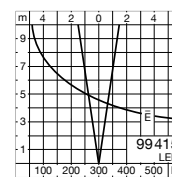
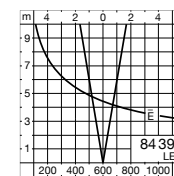
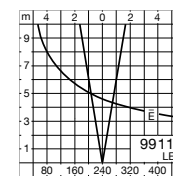
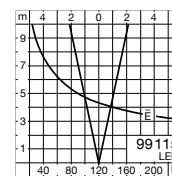
Reflector made of pure anodised aluminium

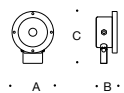
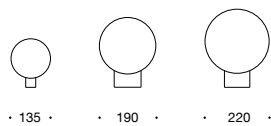
Water-resistant cable

Mounting bracket for horizontal and vertical floodlight adjustment

Colour temperature 3000 K – article number + **K3**

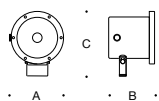
20-year availability guarantee for LED modules





Without power supply unit* · 24 V DC · Safety class III

	LED	PSU	A	B	C
99 115	13.7 W	1315 lm	without*	135	65 170
99 117	18.3 W	1690 lm	without*	190	95 235
84 399	62.0 W	3745 lm	without*	190	95 235



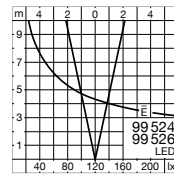
With built-in power supply unit · 230V AC · Safety class I

	LED	PSU	β	A	B	C
99 415	20.8 W	2000 lm	on/off	16°	220	195 270
99 445	20.8 W	2120 lm	on/off	54°	220	195 270



* Suitable 24 V DC power supply units can be found on Page 566.

β = Half beam angle



Underwater floodlights ready for connection
 Consisting of **one** or **two** floodlights
 with external power supply unit
 and connecting cable with plug

Underwater floodlights for the illumination
 of ponds, water pools and water features
 in private and public areas.

These units are ready for connection and
 consist of one or two floodlights with power
 supply unit and connecting cable with
 mains plug.

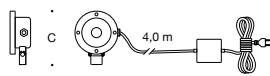
Please note that underwater floodlights
 may only be operated under water. To avoid
 harmful deposits and dirt on the luminaires,
 the water must have a neutral pH value and
 must be free of components that attack
 metal.

Safety regulations must be observed when
 installing and operating these luminaires
 and operating devices.

Please refer to the technical planning data
 for planning and installation. The current
 values for LED service life, luminous flux,
 maximum ambient temperature and
 information on BEGA Thermal Management®
 are available at all times in the instructions
 for use and data sheets on our website.

Luminaire data

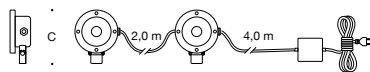
Luminaire luminous flux	1315 · 2630 lm
Connected wattage	21.0 · 40.0 W
Size	Ø 135 mm
Protection class	IP 68 4 m
Safety class	III
Stainless steel, material number 1.4301, electropolished	
Safety glass	
Reflector made of pure anodised aluminium	
on/off power supply units	
BEGA Thermal Management®	
Mounting bracket for horizontal and vertical floodlight adjustment	
Safety transformer: Protection class IP 66 · Safety class II	
2 m connecting cable with type F/E mains plug	
Colour temperature 3000 K – article number + K3	
20-year availability guarantee for LED modules	



· B · · A ·

One ready-to-connect floodlight and power supply unit

	LED		PSU	A	B	C
99 524	21.0 W	1315 lm	on/off	135	65	170



· B · · A ·

Two ready-to-connect floodlights and power supply unit


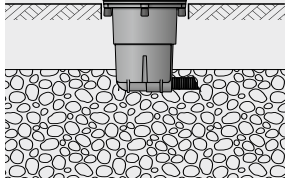
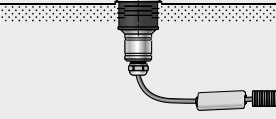
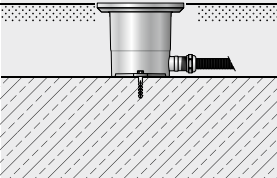
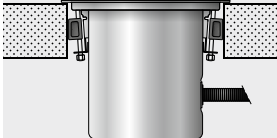
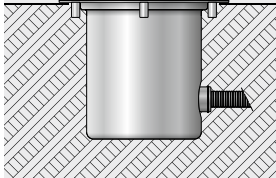










	LED		PSU	A	B	C
99 526	40.0 W	2630 lm	on/off	135	65	170



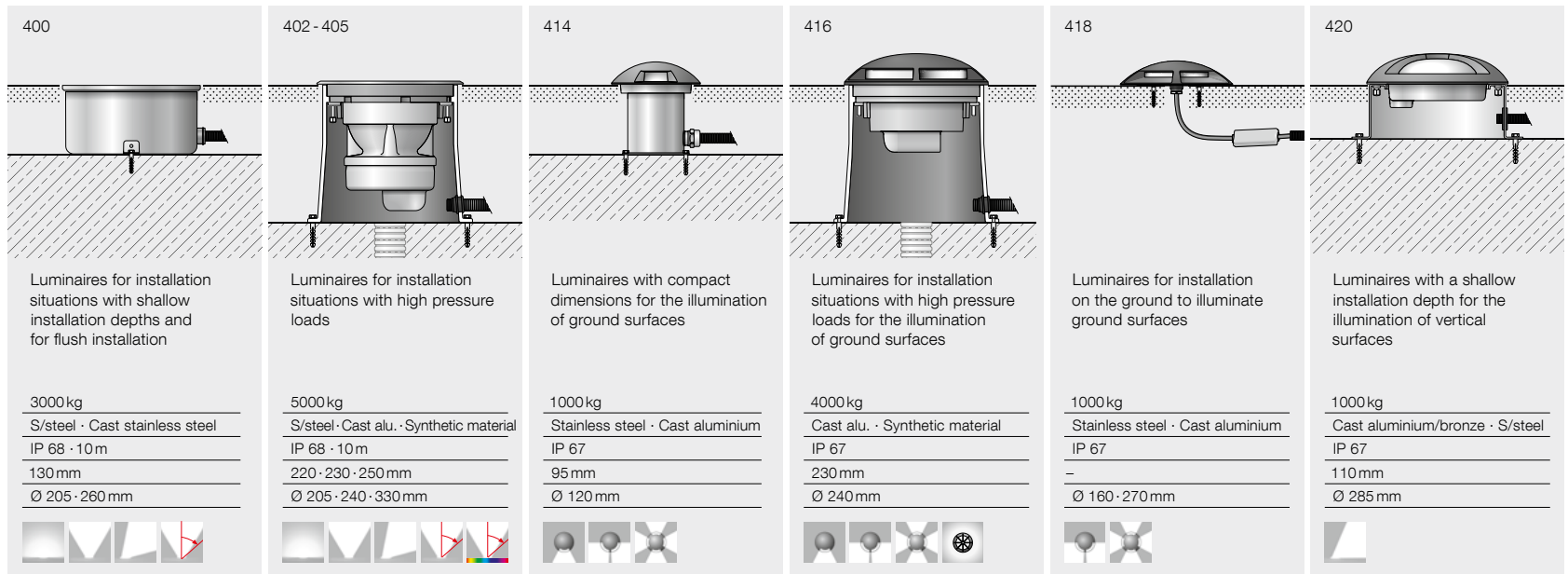
In-ground luminaires

For more than 50 years, we have been working intensively on illumination from ground level. We had a formative influence on many of the current standards according to which the quality of this group of luminaires is judged. There is a large number of requirements that these luminaires have to meet and just as many installation situations. The pressure loads to which a luminaire can be subjected when driven over are equally important as protection against flooding, for example. Depending on the installation depth and ground quality at the installation site, the installation depth of a product and also the material of a luminaire may play a decisive role.

This summary of our drive-over in-ground luminaires is intended to provide a compact overview of the most important criteria and to help you quickly find the most suitable series. Current values and other technical data can be found in the luminaire data sheet on our website.

<p>Page</p> 	<p>386</p> 	<p>388</p> 	<p>390</p> 	<p>392 - 395</p> 	<p>396 - 399</p> 
Description	Luminaires for installation in soil	Luminaires with compact dimensions for installation in holes drilled by the customer 24V DC	Luminaires with small dimensions for flush-mounting installation	Luminaires for installation in round cut-outs made by the customer	Luminaires for installation in ground surfaces
Pressure load	Resistant to foot traffic	1000 kg	2000 kg	2000 kg	2000 kg
Material	Stainless steel · Synthetic material	Stainless steel	Stainless steel · Cast stainless steel	Stainless steel	Stainless steel
Protection class	IP 67	IP 68 · 20m	IP 68 · 10m	IP 68 · 10m	IP 68 · 10m
Installation depth	120 · 170 mm	65 · 80 mm	60 · 100 mm	80 - 225 mm	80 - 310 mm
Size	Ø 110 · 145 mm	Ø 37 · 50 · 75 mm	Ø 75 · 115 mm	Ø 155 - 330 mm	Ø 145 - 410 mm
Light distribution					
Page	406	408	390	410	412
Description	Luminaires for installation in soil	Luminaires for installation situations with high pressure load	Luminaires with small dimensions for flush-mounting installation	Luminaires for installation situations with shallow installation depth 24V DC	Luminaires for installation situations with shallow installation depth
Pressure load	Resistant to foot traffic	5000 kg	2000 kg	1000 kg	1000 kg
Material	Stainless steel · Synthetic material	S/steel · Cast alu. · Synthetic material	Stainless steel · Cast stainless steel	Stainless steel · Aluminium	Stainless steel · Aluminium
Protection class	IP 67	IP 68 · 10m	IP 68 · 10m	IP 67	IP 67
Installation depth	85 · 95 mm	170 mm	60 · 100 mm	70 · 100 mm	130 mm
Size	Length 160 · 240 mm	□ 185 · 220 mm	□ 75 · 115 mm	Length 100 - 1000 mm	Length 535 · 1025 · 1520 mm
Light distribution					







Floodlights
Symmetrical



Floodlights
Asymmetrical

Walk-over in-ground luminaires · Floodlights for installation in soil

Walk-over in-ground luminaires as floodlights with symmetrical or asymmetrical light distribution specially designed for installation in gravel, lawns or flower beds in private gardens. They can be installed in soil without a drainage connection or foundation.

Perfect for showcasing or accentuating small trees, shrubs and other decorative objects in private gardens. Luminaires that allow you to experience the beauty of the garden even by night.

Economical and long-lasting luminaires, thanks to modern LED technology, with a warm white colour temperature of 3000 K.

Rectangular luminaires of this design can be found on Page 406.

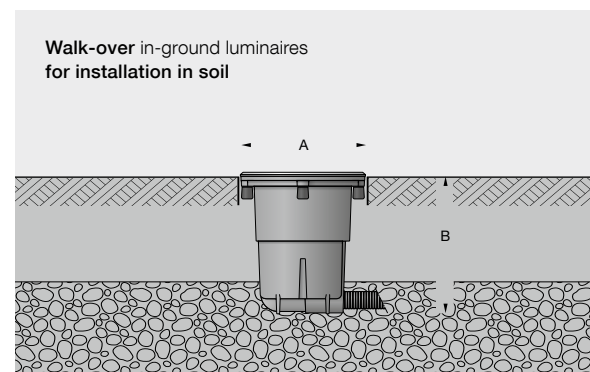
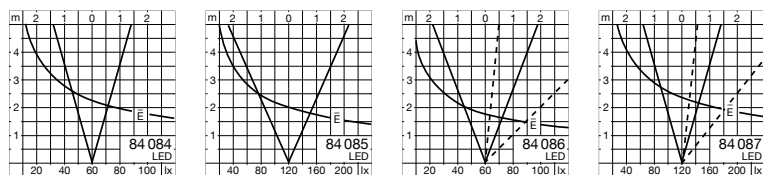
If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. Additional information can be found on Page 581.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	Resistant to foot traffic
Luminaire luminous flux	415 to 685 lm
Connected wattage	4.1 · 5.9 W
Size	Ø 110 · 145 mm
Protection class	IP 67
Trim ring made of stainless steel	
Fibreglass-reinforced synthetic material	
Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · on/off	
BEGA Thermal Management®	
Integrated water stop and connecting cable	
LED colour temperature	3000 K – article number + K3
20-year availability guarantee for LED modules	
Light distribution	





Floodlights · **Symmetrical** light distribution

	LED	PSU	β	A	B	AC/DC
84 084	4.1 W 425 lm	on/off	29°	110	120	✓
84 085	5.9 W 680 lm	on/off	31°	145	170	✓

Floodlights · **Asymmetrical** light distribution

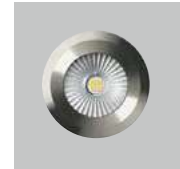
	LED	PSU	β	A	B	AC/DC
84 086	4.1 W 415 lm	on/off	35/38°	110	120	✓
84 087	5.9 W 685 lm	on/off	28/30°	145	170	✓

β = Half beam angle





Location luminaires



Floodlights
Symmetrical

Luminaire data

Pressure load	1000 kg
Luminaire luminous flux	5 to 270 lm
Connected wattage	0.35 to 5.2 W
Size	Ø 37 · 50 · 75 mm
Protection class	IP 68 · 20 m
Safety class	III

Stainless steel · Safety glass
Reflector surface made of pure aluminium
Installation sleeve made of glass fibre reinforced synthetic material

A separate 24 V DC power supply unit is required to operate the luminaires.

Integrated water stop and connecting cable

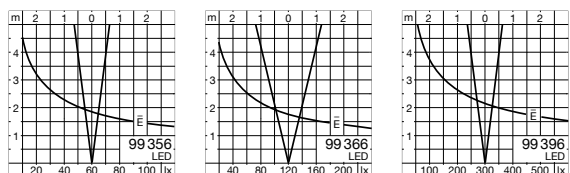
LED colour temperature
3000K – article number + **K3**
4000K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

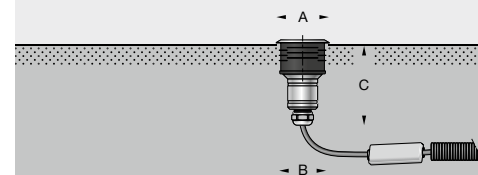
20-year availability guarantee for LED modules

Light distribution





Drive-over in-ground luminaires 24 V DC
with compact dimensions for installation
in drilled holes, to be provided by the customer



Drive-over in-ground luminaires 24 V DC · Location luminaires or floodlights
with compact dimensions for installation in drilled holes,
to be provided by the customer

In-ground luminaires with compact dimensions, optionally available
as location luminaires or floodlights.


Luminaires for installation in paved surfaces with holes drilled by
the customer $\varnothing 30$ mm · $\varnothing 45$ mm · $\varnothing 70$ mm.


Installation housings made of stainless steel are available, should the
installation situation require them. For this installation situation you need
to create a foundation with drainage. The installation housings transfer
the permissible pressure load of 1000 kg to the foundation.

The luminaires can be driven over by vehicles with pneumatic tyres.

A separate 24 V DC power supply unit is required to operate the
luminaires. Suitable power supply units can be found on Page 566.

Please refer to the technical planning data for planning and installation.
The current values for LED service life, luminous flux and maximum
ambient temperature are available at all times in the instructions for
use and data sheets on our website.

Location luminaires							
	LED	PSU		A	B	C	
99 327	0.35 W	5 lm	Without*	37	30	65	70 778
99 328	0.45 W	5 lm	Without*	50	45	80	70 779
99 331	2.80 W	60 lm	Without*	75	70	80	70 745

Floodlights · Symmetrical light distribution							
	LED	PSU	β	A	B	C	
99 356	0.5 W	30 lm	Without*	14°	37	30	70 778
99 366	1.4 W	135 lm	Without*	27°	50	45	70 779
99 396	5.2 W	270 lm	Without*	14°	75	70	70 745



* Suitable 24 V DC power supply units can be found on Page 566.

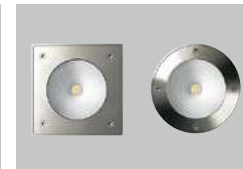
β = Half beam angle

B = \varnothing Recessed opening

 Installation housing



Location luminaires



Floodlights
Symmetrical



Floodlights
Asymmetrical

Drive-over in-ground luminaires
Location luminaires or floodlights
**with compact dimensions
for flush installation**

In-ground luminaires with compact dimensions, specially designed for flush installation in paved ground surfaces – indoors and out. Luminaires optionally available in a round or square design with convincing LED technology and impressive material quality.

The luminaires are mounted in a housing made of cast stainless steel on a foundation provided by the customer that absorbs the pressure loads.

The luminaires can be driven over by vehicles with pneumatic tyres.

A separate 24 V DC power supply unit with A=75 mm is required to operate the luminaires. Suitable power supply units can be found on Page 566.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	2000 kg
Luminaire luminous flux	25 to 380 lm
Connected wattage	0.8 bis 4.1 W
Size	□ Ø 75 · 115 mm
Protection class	IP 68 · 10 m

Trim ring made of stainless steel

Luminaire housing
made of cast stainless steel

Safety glass

Reflector made of pure anodised aluminium

Without power supply units or
with on/off power supply units

BEGA Thermal Management®

Integrated water stop and connecting cable

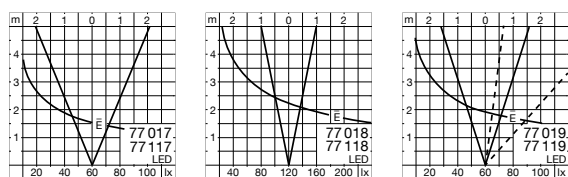
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

On request, the luminaires are available
in the light colours green, blue, amber
and red.

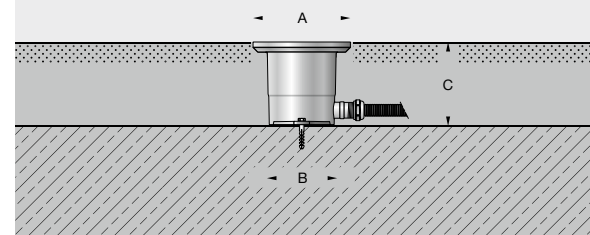
20-year availability guarantee for
LED modules

Light distribution





Drive-over in-ground luminaires
Location luminaires or floodlights
with compact dimensions for flush installation



Location luminaires								
Square	Round	LED	PSU	A	B	C	AC/DC	
77 127	77 027	0.8 W	25 lm	Without*	75	45 × 92	60	—
77 128	77 028	2.7 W	75 lm	on/off	115	80 × 130	100	✓

Floodlights · Symmetrical light distribution									
Square	Round	LED	PSU	β	A	B	C	AC/DC	
77 117	77 017	1.5 W	140 lm	Without*	44°	75	45 × 92	60	—
77 118	77 018	4.1 W	360 lm	on/off	26°	115	80 × 130	100	✓

Floodlights · Asymmetrical light distribution									
Square	Round	LED	PSU	β	A	B	C	AC/DC	
77 119	77 019	4.1 W	380 lm	on/off	34/35°	115	80 × 130	100	✓



* Safety class III · Suitable 24 V DC power supply units can be found on Page 566

β = Half beam angle



Location luminaires

Floodlights
Symmetrical
wide beam

Floodlights
Symmetrical
very wide beam

Wall washers
Asymmetrical
very wide beam

Drive-over in-ground luminaires · Location luminaires or floodlights
for installation in round cut-outs

A series specially designed for installation in drilled holes, to be provided by the customer, or cut-outs in floor sections – indoors and out.

The luminaire housings are fixed quickly, securely and accurately in position in the on-site recessed opening using the BEGA mounting system.

The luminaires' stainless steel housings conform to the highest standards, as does the overall quality of all components. In terms of lighting technology, these in-ground luminaires are characterised by an extensive range of different light characteristics.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

When the glass is wet, there may be a risk of slipping. For pedestrian areas, we recommend skid-blocking glass in accordance with DIN 51130 R13.

All luminaires with the suffix **R** after the order number are supplied with skid-blocking glass. This increases the dispersion of the light distribution.

The luminaires can be driven over by vehicles with pneumatic tyres.

Luminaires from this series with adjustable light distribution and RGBW can be found on Page 394.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load 2000 kg

Luminaire luminous flux 100 to 4160 lm

Connected wattage 2.7 to 38.4 W

Size Ø 155 · 205 · 245 · 330 mm

Protection class IP 68 · 10 m

Trim ring and luminaire housing made of stainless steel

Safety glass

Floodlight:

Pure aluminium reflector surface

BEGA Ultimate Driver® on/off or DALI-controllable

BEGA Thermal Management®

Integrated water stop and connecting cable

84 558 · 84 568 · 84 559 · 84 569

84 560 · 84 570 · 84 561 · 84 571

BEGA Hybrid Optics®

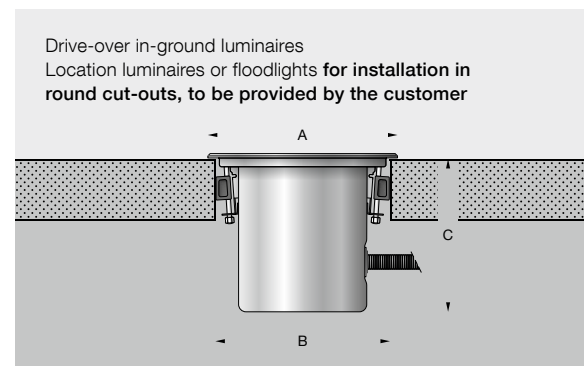
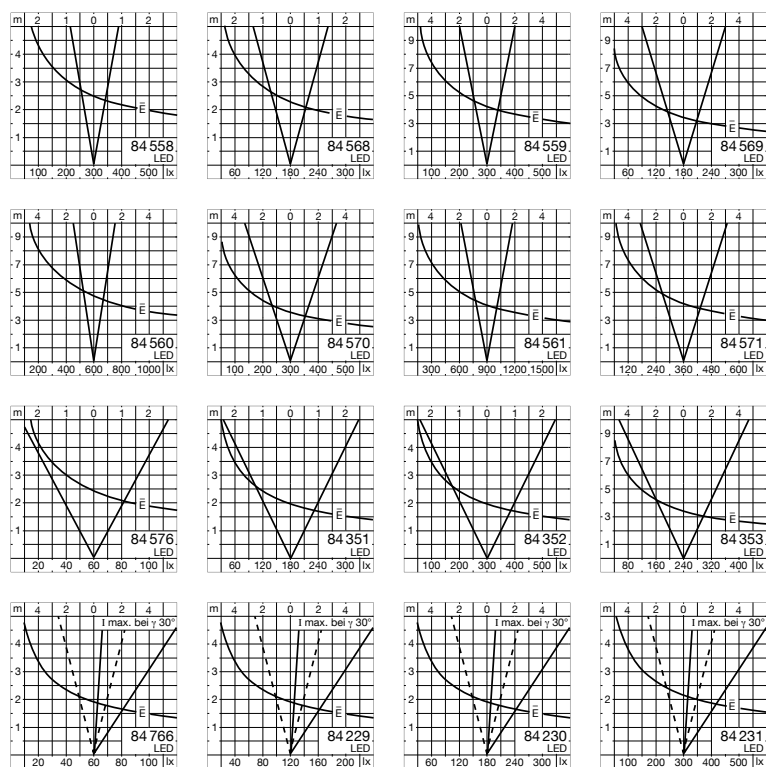
LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for LED modules

Light distribution





Location luminaires								
	LED	PSU		max. t_a	A	B	C	AC/DC
77 812	2.7 W	100 lm	on/off	55 °C	155	145	80	✓
77 813	3.9 W	235 lm	on/off	45 °C	205	182	80	✓
77 814	4.8 W	195 lm	on/off	50 °C	245	225	90	✓
77 815	9.2 W	635 lm	on/off	45 °C	330	300	100	✓

Floodlights · Symmetrical light distribution									
Wide beam	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 558	5.0 W	510 lm	on/off	21°	40 °C	155	145	160	✓
84 568	5.0 W	485 lm	on/off	30°	40 °C	155	145	160	✓
84 559	13.0 W	1455 lm	DALI	22°	55 °C	205	182	170	✓
84 569	13.0 W	1395 lm	DALI	33°	55 °C	205	182	170	✓
84 560	26.2 W	2630 lm	DALI	17°	50 °C	245	225	185	✓
84 570	26.2 W	2640 lm	DALI	37°	50 °C	245	225	185	✓
84 561	38.4 W	4160 lm	DALI	21°	50 °C	330	300	225	✓
84 571	38.4 W	4160 lm	DALI	35°	50 °C	330	300	225	✓
Very wide beam									
84 576	5.1 W	445 lm	on/off	54°	30 °C	155	145	160	✓
84 351	9.5 W	885 lm	DALI	53°	50 °C	205	182	170	✓
84 352	15.8 W	1615 lm	DALI	54°	50 °C	245	225	185	✓
84 353	30.0 W	3110 lm	DALI	54°	50 °C	330	300	225	✓

Wall washers · Asymmetrical very wide beam light distribution									
	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 766	5.1 W	430 lm	on/off	43/54°	40 °C	155	145	160	✓
84 229	9.5 W	835 lm	DALI	40/55°	50 °C	205	182	170	✓
84 230	15.8 W	1480 lm	DALI	41/54°	50 °C	245	225	185	✓
84 231	30.0 W	2930 lm	DALI	40/55°	50 °C	330	300	225	✓

β = Half beam angle

max. t_a = Maximum permissible ambient temperature





Floodlights
Adjustable



RGBW floodlights
Adjustable

Drive-over in-ground luminaires · Adjustable floodlights · RGBW
for installation in round cut-outs, to be provided by the customer

A series specially designed for installation in drilled holes, to be provided by the customer, or cut-outs in floor sections – indoors and out.

The luminaire housings are fixed quickly, securely and accurately in position in the on-site recessed opening using the BEGA mounting system.

The luminaires' stainless steel housings conform to the highest standards, as does the overall quality of all components.

In terms of lighting technology, this series is characterised by the adjustability of its lighting characteristics.

The RGBW luminaires in this series can be controlled by DALI colour light control (DT 8, RGBWAF, xy, TC).

The matching DALI system components can be found on Page 568.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Internal louvres and diffuser lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

When the glass is wet, there may be a risk of slipping. For pedestrian areas, we recommend skid-blocking glass in accordance with DIN 51130 R13.

All luminaires with the suffix **R** after the order number are supplied with skid-blocking glass. This increases the dispersion of the light distribution.

The luminaires can be driven over by vehicles with pneumatic tyres.

Location luminaires and floodlights with symmetrical and asymmetrical light distribution from this series can be found on Page 392.

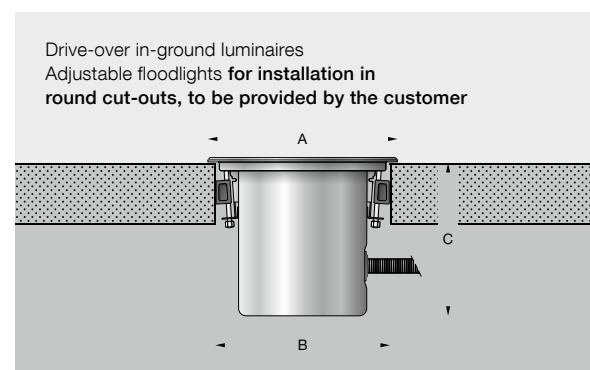
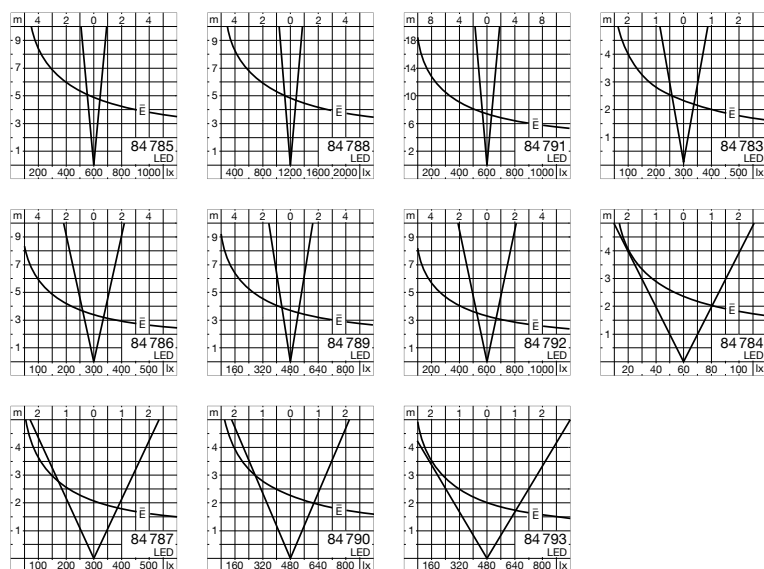
Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	2000 kg
Luminaire luminous flux	380 to 4200 lm
Connected wattage	5.1 to 41.0 W
Size	Ø 155 · 205 · 280 · 330 mm
Protection class	IP 68 · 10 m
Trim ring and luminaire housing made of stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
BEGA Ultimate Driver® on/off or DALI-controllable	
BEGA Thermal Management®	
Reflector inclination angle adjustable from 0° to 30°	
Optical system rotatable through 360°	
Integrated water stop and connecting cable	
84 785 · 84 788 · 84 791 · 84 786 · 84 789 84 792 · 84 787 · 84 790 · 84 793 BEGA Hybrid Optics®	
LED colour temperature 3000 K – article number + K3 4000 K – article number + K4	
20-year availability guarantee for LED modules	
Light distribution	





Floodlights · Adjustable										Accessories	
Focused	LED	PSU	β	max. t_a	A	B	C	AC/DC			
84 785	14.3 W	850 lm	DALI	10°	50 °C	205	182	170	✓		10 014 Integrated
84 788	28.0 W	1800 lm	DALI	8°	50 °C	280	257	185	✓		10 016 Integrated
84 791	41.0 W	2400 lm	DALI	10°	50 °C	330	300	225	✓		10 019 Integrated
Wide beam											
84 783	5.1 W	380 lm	on/off	18°	40 °C	155	145	160	✓		10 013 —
84 786	13.5 W	1400 lm	DALI	24°	50 °C	205	182	170	✓		10 014 71 215
84 789	27.0 W	2800 lm	DALI	18°	50 °C	280	257	185	✓		10 016 71 119
84 792	38.0 W	4200 lm	DALI	24°	50 °C	330	300	225	✓		10 019 71 112
Very wide beam											
84 784	5.1 W	380 lm	on/off	54°	40 °C	155	145	160	✓		10 013 —
84 787	13.5 W	1400 lm	DALI	50°	50 °C	205	182	170	✓		10 014 —
84 790	27.0 W	2800 lm	DALI	46°	50 °C	280	257	185	✓		10 016 —
84 793	38.0 W	4200 lm	DALI	64°	50 °C	330	300	225	✓		10 019 —
RGBW floodlights · Adjustable											
Wide beam											
Wide beam	LED	PSU	β	max. t_a	A	B	C	AC/DC			
84 771	13.5 W	700 lm	DALI DT 8	24°	50 °C	205	182	170	✓		10 014
84 773	24.0 W	1200 lm	DALI DT 8	24°	50 °C	280	257	185	✓		10 016
84 775	39.0 W	2000 lm	DALI DT 8	24°	50 °C	330	300	225	✓		10 019
Very wide beam											
84 772	13.5 W	700 lm	DALI DT 8	56°	50 °C	205	182	170	✓		10 014
84 774	24.0 W	1200 lm	DALI DT 8	56°	50 °C	280	257	185	✓		10 016
84 776	39.0 W	2000 lm	DALI DT 8	56°	50 °C	330	300	225	✓		10 019



β = Half beam angle

max. t_a = Maximum permissible ambient temperature

B = \emptyset Recessed opening

Diffuser lenses · Flat beam

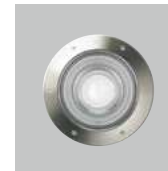
Louvre



Location luminaires



Floodlights
Symmetrical
wide beam



Floodlights
Symmetrical
very wide beam



Wall washers
Asymmetrical
very wide beam

Drive-over in-ground luminaires · Location luminaires or floodlights for installation in ground surfaces

A series for a wide range of applications where lighting from the ground is required – indoors and out.

Depending on on-site requirements, the luminaires can be installed using recessed housings or left “floating” in gravel, lawns, flower beds or paved areas, for example.

If the luminaires are to be used with an installation housing, a foundation with drainage must be provided by the customer.

The luminaires' stainless steel housings conform to the highest standards, as does the overall quality of all components.

In terms of lighting technology, this series is characterised by an extensive range of different light characteristics.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Luminaires from this series with adjustable light distribution and RGBW can be found on Page 398.

When the glass is wet, there may be a risk of slipping. For pedestrian areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13. All luminaires with the suffix **R** after the order number are supplied with skid-blocking glass. This increases the dispersion of the light distribution.

Luminaire housings are available as accessories for these floodlights. Please order accessories separately.

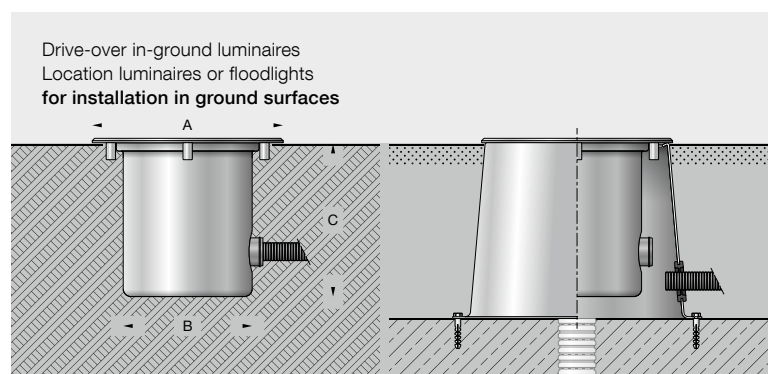
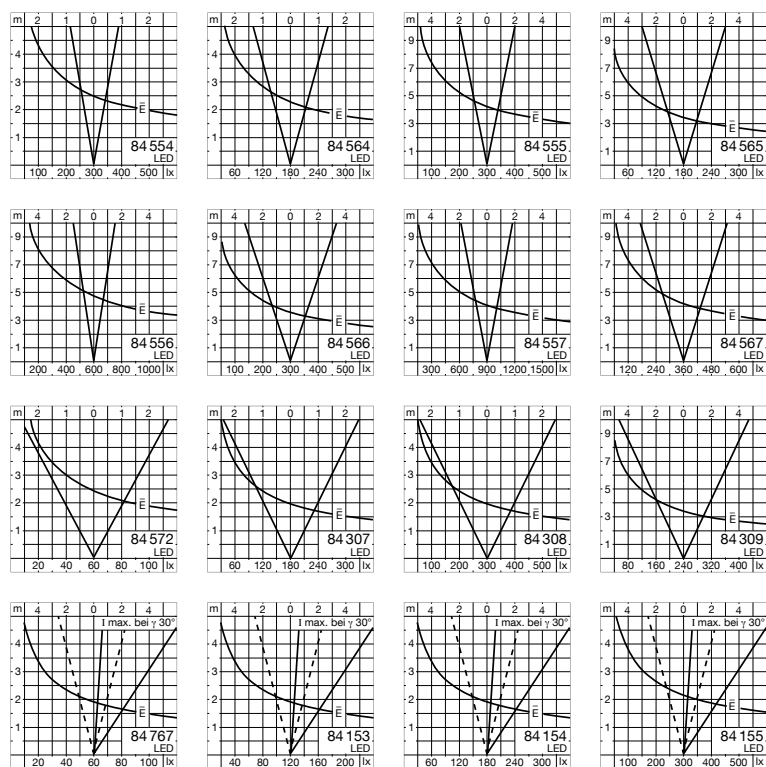
The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	2000 kg
Luminaire luminous flux	90 to 4160 lm
Connected wattage	2.7 to 38.4 W
Size	Ø 145 · 205 · 245 · 330 mm
Protection class	IP 68 · 10 m
Trim ring and luminaire housing made of stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
BEGA Ultimate Driver® on/off or DALI-controllable	
BEGA Thermal Management®	
Integrated water stop and connecting cable	
84 554 · 84 564 · 84 555 · 84 565 · 84 556 · 84 566 · 84 557 · 84 567	
BEGA Hybrid Optics®	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
On request, the luminaires are available in the light colours green, blue, amber and red.	
20-year availability guarantee for LED modules	
Light distribution	



Location luminaires									
	LED	PSU	max. t_a	A	B	C	AC/DC		
77 055	2.7 W	90 lm	on/off	55 °C	145	95	80	✓	70 693
77 056	3.9 W	235 lm	on/off	45 °C	205	140	80	✓	70 680
77 057	4.8 W	195 lm	on/off	50 °C	245	175	90	✓	70 687
77 058	9.2 W	635 lm	on/off	45 °C	330	240	100	✓	70 688


Floodlights · Symmetrical light distribution										
Wide beam	LED	PSU	β	max. t_a	A	B	C	AC/DC		
84 554	5.0 W	500 lm	on/off	20°	40 °C	145	95	140	✓	70 693
84 564	5.0 W	490 lm	on/off	30°	40 °C	145	95	140	✓	70 693
84 555	13.0 W	1455 lm	DALI	22°	55 °C	205	140	165	✓	70 680
84 565	13.0 W	1395 lm	DALI	33°	55 °C	205	140	165	✓	70 680
84 556	26.2 W	2630 lm	DALI	17°	50 °C	245	175	185	✓	70 687
84 566	26.2 W	2640 lm	DALI	37°	50 °C	245	175	185	✓	70 687
84 557	38.4 W	4160 lm	DALI	21°	50 °C	330	240	225	✓	70 688
84 567	38.4 W	4160 lm	DALI	35°	50 °C	330	240	225	✓	70 688
Very wide beam										
84 572	5.1 W	460 lm	on/off	56°	30 °C	145	95	140	✓	70 693
84 307	9.5 W	885 lm	DALI	53°	50 °C	205	140	165	✓	70 680
84 308	15.8 W	1615 lm	DALI	54°	50 °C	245	175	185	✓	70 687
84 309	30.0 W	3110 lm	DALI	54°	50 °C	330	240	225	✓	70 688

Wall washers · Asymmetrical very wide beam light distribution										
	LED	PSU	β	max. t_a	A	B	C	AC/DC		
84 767	5.1 W	435 lm	on/off	45/52°	40 °C	145	95	140	✓	70 693
84 153	9.5 W	835 lm	DALI	40/55°	50 °C	205	140	165	✓	70 680
84 154	15.8 W	1480 lm	DALI	41/54°	50 °C	245	175	185	✓	70 687
84 155	30,0 W	2930 lm	DALI	40/55°	50 °C	330	240	225	✓	70 688



β = Half beam angle

max. t_a = Maximum permissible ambient temperature

 Installation housing



Floodlights
Adjustable



RGBW floodlights
Adjustable

Drive-over in-ground luminaires · Adjustable floodlights · RGBW for installation in ground surfaces

A series for a wide range of applications where lighting from the ground is required – indoors and out.

Depending on on-site requirements, the luminaires can be installed using recessed housings or left “floating” in gravel, lawns, flower beds or paved areas, for example. If the luminaires are to be used with an installation housing, a foundation with drainage must be provided by the customer. The luminaires’ stainless steel housings conform to the highest standards, as does the overall quality of all components.

In terms of lighting technology, this series is characterised by the adjustability of its lighting characteristics.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Location luminaires and floodlights with symmetrical and asymmetrical light distribution from this series can be found on Page 396.

The RGBW luminaires in this series can be controlled by DALI colour light control (DT8, RGBWAF, xy, TC).

Suitable DALI system components can be found on Page 568.

Installation housings, internal louvres and diffuser lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R13.

With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load 2000 kg

Luminaire luminous flux 380 to 9200 lm

Connected wattage 5.1 to 79.0 W

Size Ø 145 · 205 · 280 · 330 · 410 mm

Protection class IP 68 · 10 m

Trim ring and luminaire housing

Made of stainless steel · Safety glass

Reflector surface made of pure aluminium

BEGA Ultimate Driver®

on/off or DALI-controllable

BEGA Thermal Management®

Inclination angle of the reflector adjustable from 0° to 30°

Optical system rotatable through 360°

Integrated water stop and connecting cable

84 796 · 84 799 · 84 802 · 84 891 · 84 797

84 800 · 84 803 · 84 892 · 84 798 · 84 801

84 804 · 84 893 BEGA Hybrid Optics®

LED colour temperature

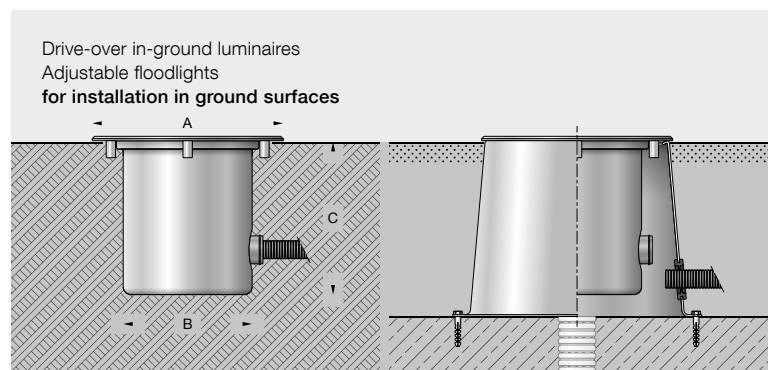
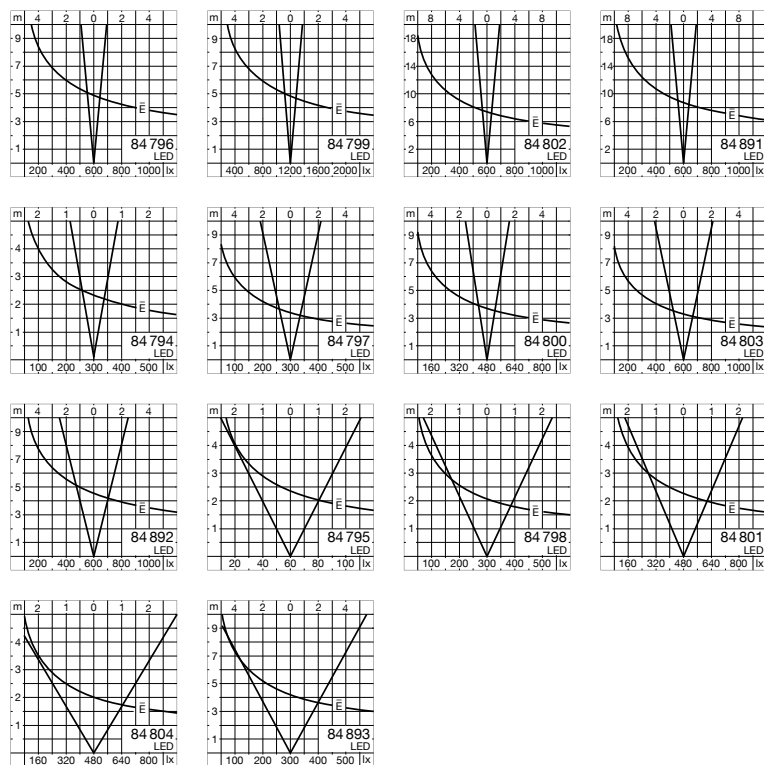
3000 K – article number + **K3**

4000 K – article number + **K4**

20-year availability guarantee for LED modules

Light distribution





Floodlights · Adjustable

Focused	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 796	14.3 W	850 lm	DALI	10°	50 °C	205	140	165	✓
84 799	28.0 W	1800 lm	DALI	8°	50 °C	280	200	185	✓
84 802	41.0 W	2400 lm	DALI	10°	50 °C	330	240	225	✓
84 891	79.0 W	4800 lm	DALI	10°	50 °C	410	325	310	✓
Wide beam									
84 794	5.1 W	380 lm	on/off	18°	40 °C	145	95	140	✓
84 797	13.5 W	1400 lm	DALI	24°	50 °C	205	140	165	✓
84 800	27.0 W	2800 lm	DALI	18°	50 °C	280	200	185	✓
84 803	38.0 W	4200 lm	DALI	24°	50 °C	330	240	225	✓
84 892	77.2 W	9200 lm	DALI	27°	50 °C	410	325	310	✓
Very wide beam									
84 795	5.1 W	380 lm	on/off	54°	40 °C	145	95	140	✓
84 798	13.5 W	1400 lm	DALI	50°	50 °C	205	140	165	✓
84 801	27.0 W	2800 lm	DALI	46°	50 °C	280	200	185	✓
84 804	38.0 W	4200 lm	DALI	64°	50 °C	330	240	225	✓
84 893	77.2 W	9000 lm	DALI	57°	50 °C	410	325	310	✓

Accessories

Installation housing	Diffuser lenses · Flat beam	Louvre
70 680	10 014	Integrated
70 694	10 016	Integrated
70 688	10 019	Integrated
70 699	13 607	Integrated

70 693	10 013	—
70 680	10 014	71 215
70 694	10 016	71 119
70 688	10 019	71 112
70 699	13 607	71 073

RGBW floodlights · Adjustable

Wide beam	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 777	13.5 W	700 lm	DALI DT8	24°	50 °C	205	140	165	✓
84 779	24.0 W	1200 lm	DALI DT8	24°	50 °C	280	200	185	✓
84 781	39.0 W	2000 lm	DALI DT8	24°	50 °C	330	240	225	✓
Very wide beam									
84 778	13.5 W	700 lm	DALI DT8	56°	50 °C	205	140	165	✓
84 780	24.0 W	1200 lm	DALI DT8	56°	50 °C	280	200	185	✓
84 782	39.0 W	2000 lm	DALI DT8	56°	50 °C	330	240	225	✓

Installation housing	Diffuser lenses · Flat beam
70 680	10 014
70 694	10 016
70 688	10 019



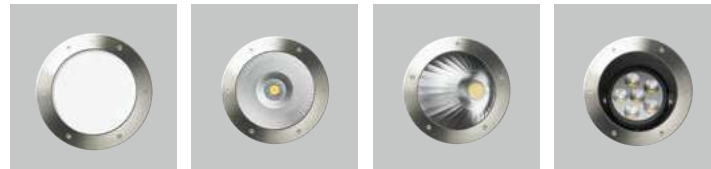
β = Half beam angle

max. t_a = Maximum permissible ambient temperature

Installation housing

Diffuser lenses · Flat beam

Louvre



Location luminaires

Floodlights
Symmetrical

Floodlights
Asymmetrical

Floodlights
Adjustable

Drive-over in-ground luminaires · Location luminaires or floodlights
for installation situations with shallow installation depths and for flush installation

Location luminaires and floodlights specially for flush-mounting installation in paved ground surfaces.

Luminaires with convincing lighting technology and impressive material quality. The luminaire design made of stainless steel and cast stainless steel is suitable for very high load applications.

Due to their low height, these luminaires are particularly suitable for areas where only a limited installation depth is available, e.g. parking decks or suspended ceilings, both indoors and out. Before the luminaires are installed, the customer must lay a foundation that will absorb the pressure load of the luminaires.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13.

With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

Diffuser lenses that alter the light distribution are available as accessories for these floodlights. Please order accessories separately.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	3000 kg
Luminaire luminous flux	70 to 2050 lm
Connected wattage	4.1 to 16.0 W
Size	Ø 205 · 260 mm
Protection class	IP 68 · 10 m

Trim ring and luminaire housing made of stainless steel and cast stainless steel
Safety glass

Floodlights with reflectors made of pure anodised aluminium

BEGA Ultimate Driver®
on/off or DALI-controllable

BEGA Thermal Management®

Integrated water stop and connecting cable

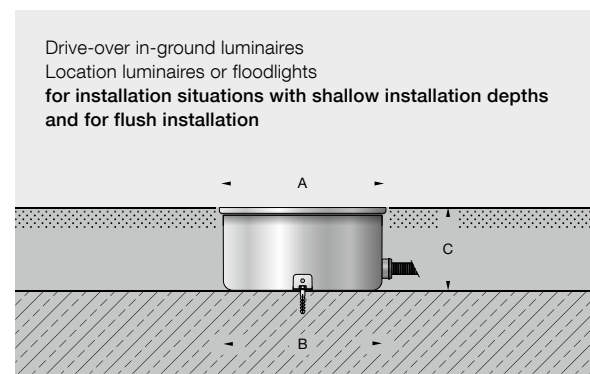
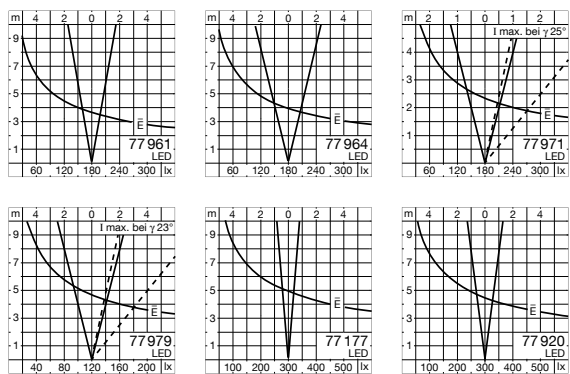
LED colour temperature
3000K – article number + **K3**
4000K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for LED modules

Light distribution





The luminaire design made of stainless steel and cast stainless steel is suitable for very high load applications.

Location luminaires

	LED	PSU		max. t_a	A	B	C	AC/DC
77 162	4.1 W	70 lm	on/off	50 °C	205	220	130	✓
77 163	5.0 W	100 lm	on/off	50 °C	260	280	130	✓

Floodlights · Symmetrical light distribution

	LED	PSU	β	max. t_a	A	B	C	AC/DC	
77 961	10.0 W	1040 lm	DALI	20°	50 °C	205	220	130	✓
77 964	16.0 W	1925 lm	DALI	27°	50 °C	260	280	130	✓

Floodlights · Asymmetrical light distribution

	LED	PSU	β	max. t_a	A	B	C	AC/DC	
77 971	10.0 W	995 lm	DALI	28/29°	50 °C	205	220	130	✓
77 979	16.0 W	2050 lm	DALI	28/27°	50 °C	260	280	130	✓

Floodlights · Adjustable from 0° to 30°, ±180°

	LED	PSU	β	max. t_a	A	B	C	AC/DC	
77 177	10.0 W	810 lm	DALI	11°	50 °C	205	220	130	✓
77 920	13.8 W	1160 lm	DALI	13°	50 °C	260	280	130	✓

Accessories

70 271	70 272
70 273	70 274



β = Half beam angle

max. t_a = Maximum permissible ambient temperature

Diffuser lenses



Wide beam



Flat beam



Location luminaires



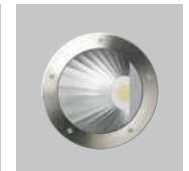
Floodlights
Symmetrical
focused



Floodlights
Symmetrical
wide beam



Floodlights
Symmetrical
very wide beam



Wall washers
Asymmetrical
very wide beam

Drive-over in-ground luminaires · Location luminaires or floodlights
for installation situations with high pressure loads

Drive-over in-ground luminaires for installation in paved ground surfaces – indoors and out.

This luminaire series continues a line that we have been producing for more than 30 years. Decades of experience in this field, our extensive knowledge and our constant willingness to learn determine our daily approach to developing new products. These new luminaires are the result of continuous research, extensive testing and the use of the best materials and technologies for this application.

The luminaires stand on a foundation in an installation housing, made of highly corrosion-resistant cast aluminium, and can be driven over by vehicles with pneumatic tyres up to a pressure load of 5000 kg. The installation dimensions for this series are identical to those of the previous luminaires.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Luminaires from this series with adjustable light distribution and RGBW can be found on Page 404.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13.

With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load 5000 kg

Luminaire luminous flux 170 to 5435 lm

Connected wattage 4.1 to 51.0 W

Size Ø 205 · 240 · 330 mm

Protection class IP 68 · 10 m

Trim ring made of stainless steel

Highly corrosion-resistant cast aluminium, coated with BEGA Tricoat®

Glass fibre reinforced synthetic material

Safety glass · Floodlight:

Reflector surface made of pure aluminium

BEGA Ultimate Driver®

on/off or DALI-controllable

BEGA Thermal Management®

Integrated water stop and connecting cable

84 292 · 84 293 · 84 255 · 84 455 · 84 265

84 296 · 84 297 BEGA Hybrid Optics®

LED colour temperature

3000K – article number + **K3**

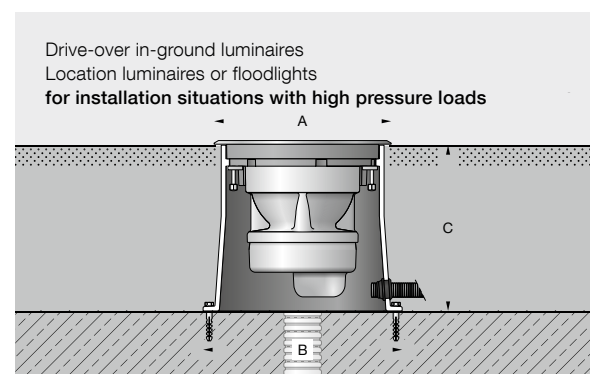
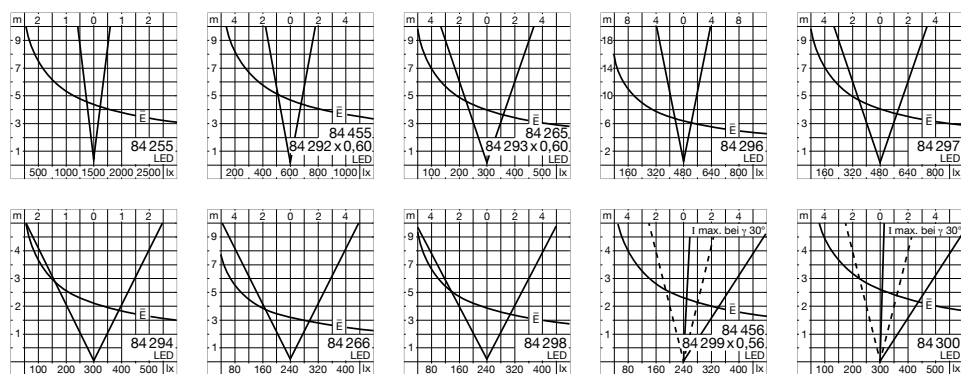
4000K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for LED modules

Light distribution





Location luminaires								
	LED	PSU	max. t_a	A	B	C	AC/DC	
84 289	4.1 W	170 lm	on/off	50°C	205	250	220	✓
84 454	5.0 W	285 lm	on/off	50°C	240	275	230	✓
84 290	7.7 W	570 lm	on/off	45°C	330	355	250	✓

Floodlights · Symmetrical light distribution									
Focused	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 255	16.5 W	500 lm	DALI	5°	35°C	240	275	230	✓
Wide beam									
84 292	18.7 W	2070 lm	DALI	20°	50°C	205	250	220	✓
84 293	18.7 W	2110 lm	DALI	30°	50°C	205	250	220	✓
84 455	32.5 W	3335 lm	DALI	17°	50°C	240	275	230	✓
84 265	32.5 W	3200 lm	DALI	30°	50°C	240	275	230	✓
84 296	50.8 W	5435 lm	DALI	20°	50°C	330	355	250	✓
84 297	50.8 W	5290 lm	DALI	35°	50°C	330	355	250	✓
Very wide beam									
84 294	18.4 W	1685 lm	DALI	49°	45°C	205	250	220	✓
84 266	31.0 W	2830 lm	DALI	53°	50°C	240	275	230	✓
84 298	51.0 W	4560 lm	DALI	54°	50°C	330	355	250	✓

Wall washers · Asymmetrical very wide beam light distribution									
	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 299	18.4 W	1705 lm	DALI	36/46°	35°C	205	250	220	✓
84 456	31.0 W	2920 lm	DALI	41/48°	50°C	240	275	230	✓
84 300	51.0 W	5030 lm	DALI	40/53°	50°C	330	355	250	✓

β = Half beam angle

max. t_a = Maximum permissible ambient temperature





Floodlights
Adjustable



RGBW floodlights
Adjustable

Drive-over in-ground luminaires · Adjustable floodlights · RGBW
for installation situations with high pressure loads

Drive-over in-ground luminaires for installation in paved ground surfaces – indoors and out. This luminaire series continues a line that we have been producing for more than 30 years. Decades of experience in this field, our extensive knowledge and our constant willingness to learn determine our daily approach to developing new products. These new luminaires are the result of continuous research, extensive testing and the use of the best materials and technologies for this application.

The luminaires stand on a foundation in an installation housing, made of highly corrosion-resistant cast aluminium, and can be driven over by vehicles with pneumatic tyres up to a pressure load of 5000 kg. The installation dimensions for this series are identical to those of the previous luminaires.

Additional information on BEGA Hybrid Optics® can be found on Page 14.

Location luminaires and floodlights with symmetrical and asymmetrical light distribution from this series can be found on Page 402.

The RGBW luminaires in this series can be controlled by DALI colour light control (DT8, RGBWAF, xy, TC). Suitable DALI system components can be found on Page 568.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

Internal louvres and diffuser lenses that alter the light distribution are available as accessories for these floodlights. These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	5000 kg
Luminaire luminous flux	700 to 5200 lm
Connected wattage	13.5 to 50.8 W
Size	Ø 205 · 240 · 330 mm
Protection class	IP 68 · 10 m

Trim ring made of stainless steel
Highly corrosion-resistant cast aluminium, coated with BEGA Tricoat®
Glass fibre reinforced synthetic material
Reflector surface made of pure aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Inclination angle of the reflector adjustable from 0° to 25°
Optical system rotatable through 360°

Integrated water stop and connecting cable

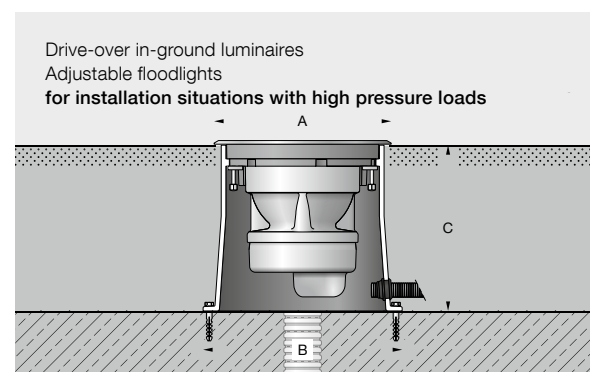
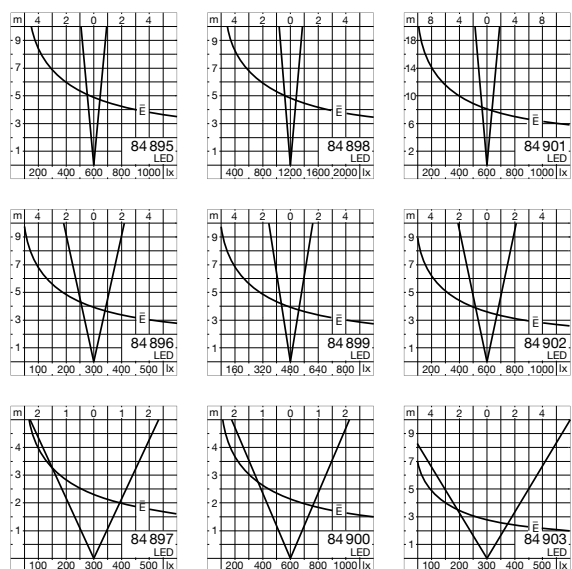
84 895 · 84 898 · 84 901 · 84 896 · 84 899
84 902 · 84 897 · 84 900 · 84 903
BEGA Hybrid Optics®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

20-year availability guarantee for LED modules

Light distribution





Floodlights · Adjustable

Focused	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 895	14.3 W	850 lm	DALI	10°	50 °C	205	250	220	✓
84 898	28.0 W	1800 lm	DALI	8°	50 °C	240	275	230	✓
84 901	47.5 W	2700 lm	DALI	10°	50 °C	330	355	250	✓
Wide beam									
84 896	19.5 W	1920 lm	DALI	24°	50 °C	205	250	220	✓
84 899	32.5 W	3300 lm	DALI	18°	50 °C	240	275	230	✓
84 902	50.8 W	5200 lm	DALI	24°	50 °C	330	355	250	✓
Very wide beam									
84 897	19.5 W	1920 lm	DALI	50°	50 °C	205	250	220	✓
84 900	32.5 W	3300 lm	DALI	46°	50 °C	240	275	230	✓
84 903	50.8 W	5200 lm	DALI	64°	50 °C	330	355	250	✓

Accessories

	
10014	Integrated
13608	Integrated
10019	Integrated


RGB W floodlights · Adjustable

Wide beam	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 877	13.5 W	700 lm	DALI DT8	24°	50 °C	205	250	220	✓
84 879	24.0 W	1200 lm	DALI DT8	24°	50 °C	240	275	230	✓
84 881	39.0 W	3000 lm	DALI DT8	24°	50 °C	330	355	250	✓
Very wide beam									
84 878	13.5 W	700 lm	DALI DT8	56°	50 °C	205	250	220	✓
84 880	24.0 W	1200 lm	DALI DT8	56°	50 °C	240	275	230	✓
84 882	39.0 W	2000 lm	DALI DT8	56°	50 °C	330	355	250	✓



β = Half beam angle

max. t_a = Maximum permissible ambient temperature

 Diffuser lenses · Flat beam

 Louvre



Floodlights
Symmetrical

Floodlights
Asymmetrical

Walk-over in-ground luminaires · Floodlights for installation in soil

Walk-over in-ground luminaires as floodlights with symmetrical or asymmetrical light distribution.

Luminaires specially designed for installation in flower beds, lawns or gravel in private gardens and in garden architecture with no vehicular traffic. They can be installed in soil without a drainage connection or foundation.

Floodlights for illuminating façade and wall surfaces as well as for showcasing and accentuating objects in gardens and garden areas.

In-ground luminaires that allow you to experience the beauty of the garden and its architectural details even by night. The low connected wattage and long service life of the LEDs make these luminaires economical devices with very long maintenance intervals.

Floodlights of the same design but with rotationally symmetrical light distribution can be found on Page 386.

If through-wiring to a further luminaire is required, we recommend using BEGA distribution boxes. For additional information, see Page 581.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Resistant to foot traffic

Luminaire luminous flux 300 to 465 lm

Connected wattage 5.2 · 7.2 W

Length 160 · 240 mm

Protection class IP 67

Trim ring made of stainless steel
Glass fibre reinforced synthetic material
Safety glass

Reflector surface made of pure aluminium

BEGA Ultimate Driver® · on/off

Integrated water stop and connecting cable

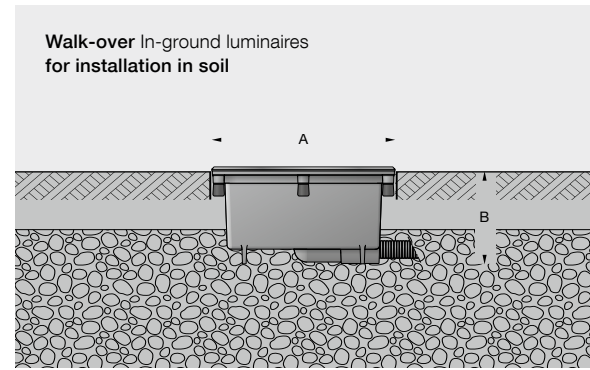
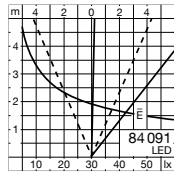
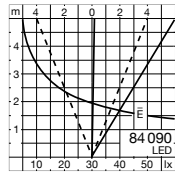
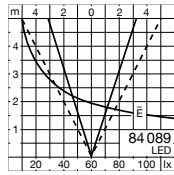
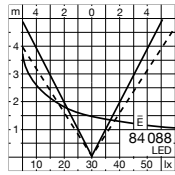
BEGA Thermal Management®

LED colour temperature
3000K – article number + **K3**

20-year availability guarantee for
LED modules

Light distribution





In-ground luminaires · **Symmetrical** light distribution

	LED	PSU	β	A	B	AC/DC
84 088	5.2 W 300 lm	on/off	93/108°	160 × 80	85	✓
84 089	7.2 W 465 lm	on/off	80/95°	240 × 115	95	✓

In-ground luminaires · **Asymmetrical** light distribution

	LED	PSU	β	A	B	AC/DC
84 090	5.2 W 310 lm	on/off	49/110°	160 × 80	85	✓
84 091	7.2 W 455 lm	on/off	56/106°	240 × 115	95	✓

β = Half beam angle





Location luminaires

Floodlights
**Symmetrical
narrow beam**

Floodlights
**Symmetrical
wide beam**

Location luminaires
RGBW

Drive-over in-ground luminaires · Location luminaires or floodlights · RGBW
for installation situations with high pressure loads

Drive-over in-ground luminaires with high light output for installation in paved ground surfaces both indoors and out. This new luminaire series is a continuation of a series that we have been manufacturing for more than 30 years. Knowledge, decades of experience and a constant willingness to learn determine our daily approach to developing new products.

The new design of these luminaires is therefore the result of continuous research, extensive testing and the use of the best materials and technologies for this area of application.

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort.

Additional information on BEGA Vortex Optics® can be found on Page 14.

These luminaires are ideal for areas subject to heavy use.

The highly corrosion-resistant aluminium installation housing sits on its own foundation and can withstand pressure loads of up to 5000 kg. Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires.

The RGBW luminaires in this series can be controlled by DALI colour light control (DT8, RGBWAF, xy, TC).

Suitable DALI system components can be found on Page 568.

When the glass is wet, there may be a risk of slipping. For walkable public areas, we recommend skid-blocking glass in accordance with DIN 51130 R 13. With the additional specification **R** after the article number, we can supply all luminaires with skid-blocking glass. This increases the dispersion of the light distribution.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	5000 kg
Luminaire luminous flux	245 to 3475 lm
Connected wattage	3.9 to 35.3 W
Size	□ 185 · 220 mm
Protection class	IP 68 · 10 m

Cover frames made of stainless steel

Highly corrosion-resistant aluminium, coated with BEGA Tricoat®

Glass fibre reinforced synthetic material

Safety glass

Floodlight:

Reflector surface made of pure aluminium
BEGA Vortex Optics®

BEGA Ultimate Driver®

on/off or DALI-controllable

Integrated water stop and connecting cable

BEGA Thermal Management®

LED colour temperature

3000K – article number + **K3**

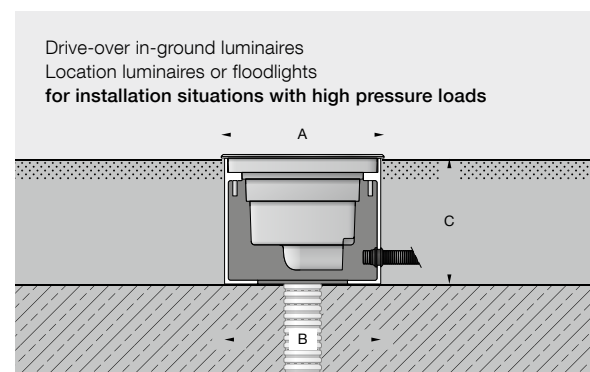
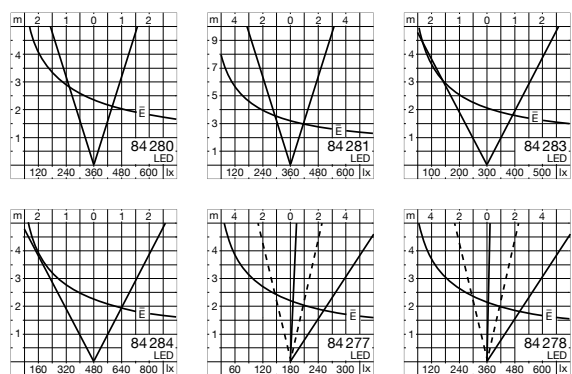
4000K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

20-year availability guarantee for LED modules

Light distribution





Location luminaires

	LED	PSU	max. t_a	A	B	C	AC/DC	
84 286	3.9 W	245 lm	on/off	50 °C	185°	180°	170	✓
84 287	4.8 W	345 lm	on/off	50 °C	220°	215°	170	✓

Floodlights · Symmetrical light distribution

Narrow beam	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 280	19.0 W	1395 lm	DALI	24°	50 °C	185°	180°	170	✓
84 281	35.3 W	2730 lm	DALI	24°	50 °C	220°	215°	170	✓
Wide beam									
84 283	19.0 W	1895 lm	DALI	43°	50 °C	185°	180°	170	✓
84 284	35.3 W	3475 lm	DALI	43°	50 °C	220°	215°	170	✓

Wall washers · Asymmetrical wide beam light distribution

	LED	PSU	β	max. t_a	A	B	C	AC/DC	
84 277	19.0 W	1635 lm	DALI	42/50°	50 °C	185°	180°	170	✓
84 278	35.3 W	2845 lm	DALI	42/50°	50 °C	220°	215°	170	✓

RGBW location luminaires

	LED	PSU	max. t_a	A	B	C	AC/DC	
84 910	11.5 W	470 lm	DALI DT 8	50 °C	180°	180°	170	✓
84 911	20.0 W	850 lm	DALI DT 8	50 °C	220°	215°	170	✓

β = Half beam angle

max. t_a = Maximum permissible ambient temperature





Location luminaires

In-ground luminaires
Symmetrical

In-ground luminaires
Asymmetrical

Location luminaires
RGB

Drive-over in-ground luminaires · 24 V DC
for installation situations with shallow installation depths
 Location luminaires, luminaires with symmetrical
 or asymmetrical light distribution or RGB luminaires

Linear in-ground luminaires in various lengths for installation in paved ground surfaces indoors and out. The different lengths and the compact dimensions allow a multitude of design options with linear light from ground level.

Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires.

A separate 24 V DC power supply unit is required to operate the luminaires. For additional information, see Page 566.

An operating device and a colour light control are also required to operate the RGB luminaires.

DALI system components can be found on Pages 568 to 571.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux and maximum ambient temperature are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	1000 kg
Luminaire luminous flux	2 to 585 lm
Connected wattage	0.4 to 25.0 W
Length	100 · 200 · 400 · 1000 mm
Protection class	IP 67
Safety class	III

Cover frames and luminaire housings made of stainless steel

Installation housing made of aluminium

Safety glass

Reflector made of pure anodised aluminium

Connecting cable

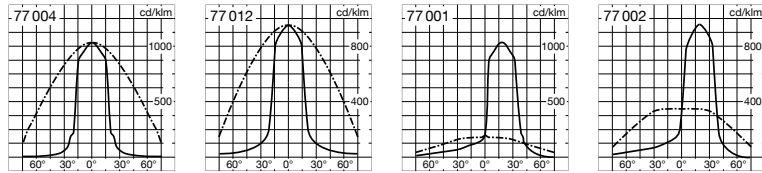
A separate 24 V DC power supply unit is required to operate the luminaires.

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

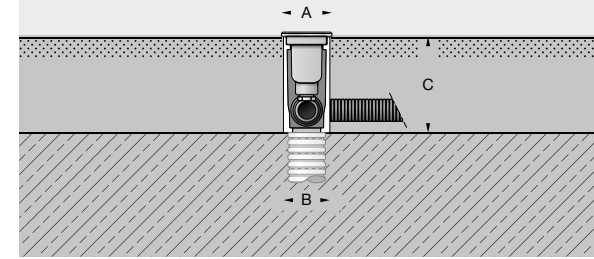
20-year availability guarantee for LED modules

Light distribution





Drive-over in-ground luminaires · 24 V DC
for installation situations with
shallow installation depths



Location luminaires							
	LED		PSU		A	B	C
88 300	0.6 W	2 lm	without*		100 × 37	34	70
88 301	0.4 W	4 lm	without*		200 × 37	34	70
88 302	1.0 W	20 lm	without*		400 × 37	34	70
88 303	2.3 W	55 lm	without*		1000 × 55	51	100

In-ground luminaires · Symmetrical light distribution							
	LED		PSU		A	B	C
77 004	3.6 W	200 lm	without*		400 × 55	51	100
77 012	10.5 W	585 lm	without*		1000 × 55	51	100

In-ground luminaires · Asymmetrical light distribution							
	LED		PSU		A	B	C
77 001	3.6 W	175 lm	without*		400 × 55	51	100
77 002	10.5 W	500 lm	without*		1000 × 55	51	100

RGB location luminaires							
	LED		PSU		A	B	C
88 897	4.1 W		without*		200 × 37	34	70
88 898	10.2 W		without*		400 × 37	34	70
88 899	25.0 W		without*		1000 × 55	51	100



* Suitable 24 V DC power supply units can be found on Page 566.



Location luminaires

Floodlights
Narrow beam

Floodlights
Wide beam

Floodlights
Asymmetrical

Drive-over in-ground luminaires
Location luminaires or floodlights
**for installation situations
with shallow installation depths**

Drive-over in-ground luminaires with high light output for installation in paved ground surfaces – indoors and out.

Our patented reflectors (European Patent EP 3098504) enable perfect light deflection through intensive concentration of the light with maximum visual comfort.

Additional information on BEGA Vortex Optics® can be found on Page 14.

Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	1000 kg
Luminaire luminous flux	1035 to 5885 lm
Connected wattage	18.3 to 53.4 W
Length	535 · 1025 · 1520 mm
Protection class	IP 67

Cover frames made of stainless steel

Luminaire housing and installation housing made of aluminium and cast aluminium

Safety glass

Floodlight:

Reflector surface made of pure aluminium
BEGA Vortex Optics®

DALI-controllable power supply units

Integrated water stop and connecting cable

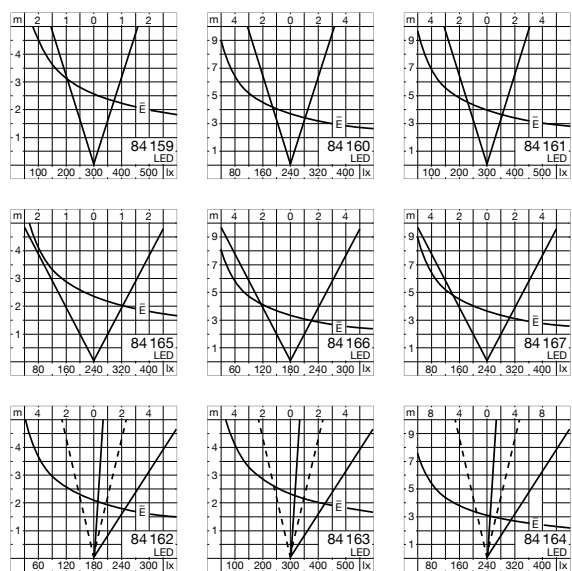
BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

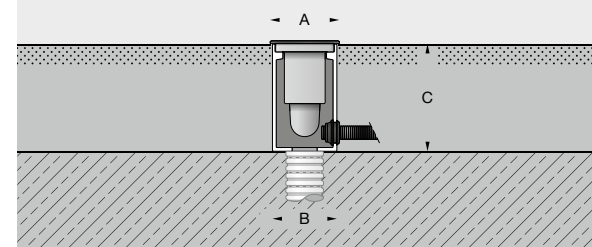
20-year availability guarantee for LED modules

Light distribution





Drive-over in-ground luminaires
Location luminaires or floodlights for installation situations
with shallow installation depths



Location luminaires							
	LED	PSU		A	B	C	AC/DC
84 156	18.3 W	1035 lm	DALI	535 × 82	78	130	✓
84 157	35.6 W	2085 lm	DALI	1025 × 82	78	130	✓
84 158	53.4 W	3210 lm	DALI	1520 × 82	78	130	✓

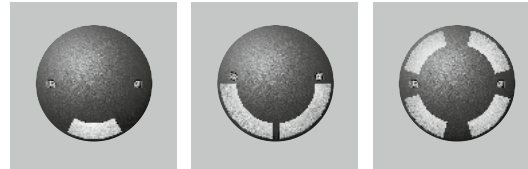
Floodlights · Narrow beam light distribution								
	LED	PSU	β	A	B	C	AC/DC	
84 159	18.3 W	1255 lm	DALI	34°	535 × 82	78	130	✓
84 160	35.6 W	2235 lm	DALI	34°	1025 × 82	78	130	✓
84 161	53.4 W	3500 lm	DALI	34°	1520 × 82	78	130	✓

Floodlights · Wide beam light distribution								
	LED	PSU	β	A	B	C	AC/DC	
84 165	18.3 W	1930 lm	DALI	55°	535 × 82	78	130	✓
84 166	35.6 W	3755 lm	DALI	55°	1025 × 82	78	130	✓
84 167	53.4 W	5885 lm	DALI	55°	1520 × 82	78	130	✓

Floodlights · Asymmetrical light distribution								
	LED	PSU	β	A	B	C	AC/DC	
84 162	18.3 W	1655 lm	DALI	46/53°	535 × 82	78	130	✓
84 163	35.6 W	3325 lm	DALI	46/53°	1025 × 82	78	130	✓
84 164	53.4 W	5045 lm	DALI	46/53°	1520 × 82	78	130	✓

β = Half beam angle





Drive-over in-ground luminaires
with compact dimensions
for the illumination of ground surfaces

Drive-over in-ground luminaires with compact dimensions for installation in paved ground surfaces – indoors and out. The luminaires are available with different light sectors for various on-site lighting situations.

The light from the luminaires is directed immediately above ground level onto the surface to be illuminated, thus illuminating walkways and traffic areas or highlighting potential hazards such as stairs and steps. The luminaires are mounted in a housing made of stainless steel on a foundation provided by the customer that absorbs the pressure loads of the luminaires.

These luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	1000 kg
Luminaire luminous flux	25 to 90 lm
Connected wattage	2.3 to 6.0 W
Size	Ø 120 mm
Protection class	IP 67

Luminaire cover made of cast aluminium
Luminaire housing made of stainless steel
Silicate glass

on/off power supply units

Integrated water stop and connecting cable

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

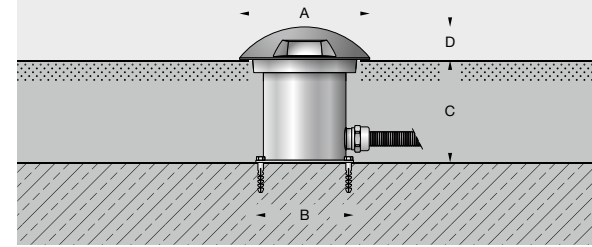
Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Light distribution



Drive-over in-ground luminaires
with compact dimensions
for the illumination of ground surfaces



1 light sector · 60°

	LED	PSU	A	B	C	D	AC/DC	
88 671	2.3 W	25 lm	on/off	120	90 [□]	95	30	✓



1 light sector · 180°

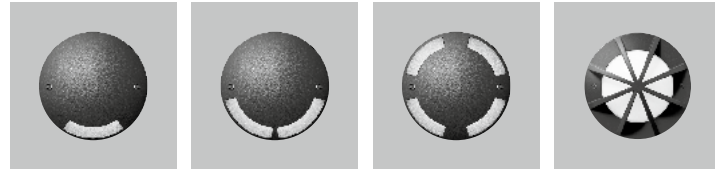
	LED	PSU	A	B	C	D	AC/DC	
88 673	4.3 W	65 lm	on/off	120	90 [□]	95	30	✓



4 light sectors, 60° each

	LED	PSU	A	B	C	D	AC/DC	
88 675	6.0 W	90 lm	on/off	120	90 [□]	95	30	✓





Drive-over in-ground luminaires
**for the illumination of ground surfaces
 in installation situations
 with high pressure loads**

In-ground luminaires for the illumination of ground surfaces – indoors and out. Optionally available with one or four light sectors or unshielded with guard for different lighting situations. This new luminaire series is a continuation of a series that we have been manufacturing for more than 30 years. Knowledge, decades of experience and a constant willingness to learn determine our daily approach to developing new products. The new design of these luminaires is therefore the result of continuous research, extensive testing and the use of the best materials and technologies for this area of application.

Like their predecessors, these luminaires are designed for heavy-duty use. The highly corrosion resistant cast aluminium housing sits on its own foundation and can withstand pressure loads of up to 4000 kg. Before the luminaires are installed, a foundation including drainage must be provided by the customer to absorb the pressure loads of the luminaires. Additional information on BEGA Hybrid Optics® can be found on Page 14.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	4000 kg
Luminaire luminous flux	145 to 580 lm
Connected wattage	5.0 to 22.3 W
Size	Ø 240 mm
Protection class	IP 67

Highly corrosion-resistant cast aluminium, coated with BEGA Tricoat®
 Glass fibre reinforced synthetic material
 Borosilicate glass
 84 272 Crystal glass, inside white
 Reflector made of pure anodised aluminium
 Optical silicone lens · BEGA Hybrid Optics®

BEGA Ultimate Driver®
 on/off or DALI-controllable

Integrated water stop and connecting cable

BEGA Thermal Management®

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

On request, the luminaires are available in the light colours green, blue, amber and red.

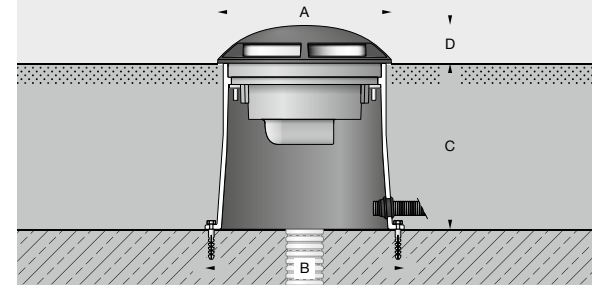
Luminaire colour · BEGA Unidure®
 ■ Graphite

20-year availability guarantee for LED modules

Light distribution



Drive-over in-ground luminaires for installation situations with high pressure loads for the illumination of ground surfaces



1 light sector · 60°

	LED	PSU	A	B	C	D	AC/DC
84 268	10.5 W 145 lm	DALI	240	275	230	50	✓



1 light sector · 180°

	LED	PSU	A	B	C	D	AC/DC
84 269	14.0 W 370 lm	DALI	240	275	230	50	✓



4 light sectors, 60° each

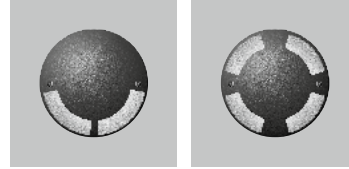
	LED	PSU	A	B	C	D	AC/DC
84 271	22.3 W 580 lm	DALI	240	275	230	50	✓



Unshielded with guard

	LED	PSU	A	B	C	D	AC/DC
84 272	5.0 W 145 lm	on/off	240	275	230	50	✓





Drive-over on-ground luminaires
for installation on the ground to illuminate ground surfaces

The construction principle of these luminaires provides a solution for numerous lighting applications involving extensive ground illumination. The significantly lower installation costs compared to recessed luminaires and the different installation variants reduce installation costs and offer a high degree of flexibility. The luminaires are simply fixed to the substrate with a mounting plate. A hole drilled under the luminaire by the customer is required for the cable routing.

We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582. Provided the load-bearing capacity of the floor is sufficient, the pressure load-bearing capacity is 1000 kg.

A separate 24 V DC power supply unit is required to operate luminaires 77 069 and 77 070. For additional information, see Page 566.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	1000 kg
Luminaire luminous flux	20 to 265 lm
Connected wattage	1.3 to 13.4 W
Size	Ø 160 · 270 mm
Protection class	IP 67

Cast aluminium and stainless steel
Borosilicate glass
Reflector made of pure anodised aluminium

Luminaires without power supply unit
or on/off power supply unit

Integrated water stop and connecting cable

BEGA Thermal Management®

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

On request, the luminaires are available
in the light colours green, blue, amber
and red.

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for
LED modules

Light distribution

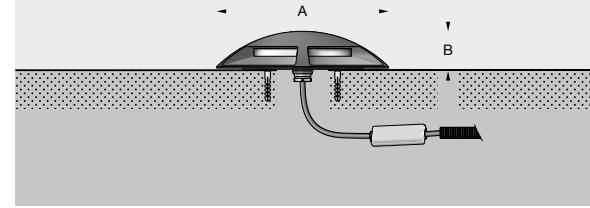




Connection housing

We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.

Drive-over on-ground luminaires for installation on the ground for the illumination of ground surfaces



1 light sector · 180°

	LED	PSU	A	B	AC/DC	Connection housing
77 069	1.3 W 20 lm	without*	160	40	—	71 246
77 089	7.0 W 175 lm	on/off	270	55	✓	71 246

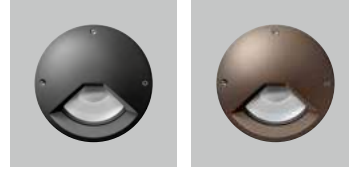


1 light sector · 360°

	LED	PSU	A	B	AC/DC	Connection housing
77 070	2.6 W 30 lm	without*	160	40	—	71 246
77 090	13.4 W 265 lm	on/off	270	55	✓	71 246

* Safety class III · Suitable 24 V DC power supply units can be found on Page 566





Drive-over in-ground luminaires · Wall washers
with a shallow installation depth for the illumination of vertical surfaces

Drive-over in-ground luminaires for installation in paved ground surfaces – indoors and out.

The lighting technology and design of these in-ground floodlights make it possible to illuminate a vertical surface, such as a façade, almost completely from the ground to the lower edge of the roof.

The lower limit of the light distribution is linear, without the usual "light cone" seen with in-ground floodlights.

The technically identical luminaires are optionally available with a cover, made of corrosion-resistant cast aluminium or cast bronze.

The luminaires are mounted in a recessed housing on a foundation that absorbs the pressure loads. The foundation, including drainage, must be laid by the customer before installation.

The luminaires can be driven over by vehicles with pneumatic tyres.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Pressure load	1000 kg
Luminaire luminous flux	2335 lm
Connected wattage	27.5 W
Size	Ø 285 mm
Protection class	IP 67

Cast aluminium or cast bronze cover
 Luminaire housing made of cast aluminium
 Installation housing made of stainless steel
 Tempered crystal glass
 Silicone diffusing lens
 Reflector surface made of pure aluminium

DALI-controllable power supply units

Integrated water stop and connecting cable

BEGA Thermal Management®

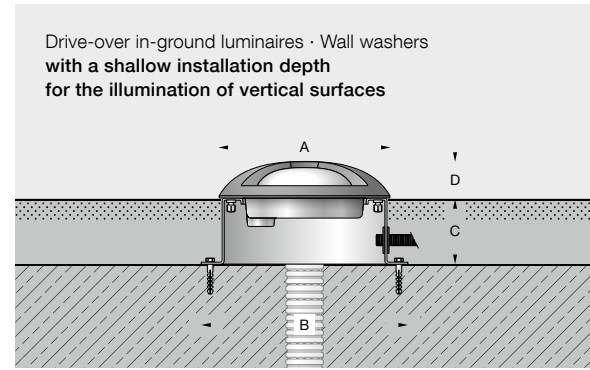
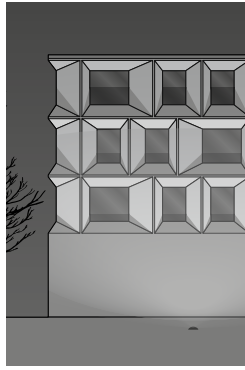
LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

84 618 luminaire colour · BEGA Unidure®

■ Graphite

84 175 Cast bronze

20-year availability guarantee for LED modules



In-ground luminaire · **Wall washer** · Cover made of **cast aluminium**

	LED	PSU	A	B	C	D	AC/DC
84 618	27.5 W	2335 lm	DALI	285	345	110	60 ✓

In-ground luminaire · **Wall washer** · Cover made of **cast bronze**

	LED	PSU	A	B	C	D	AC/DC
84 175	27.5 W	2335 lm	DALI	285	345	110	60 ✓

The following table serves as a project planning aid. The luminaire arrangement is determined by the size of the object to be illuminated and the degree of illuminance desired.

Project planning aid	A	H	B	\bar{E}	E_{min}
84 618	1.5m	4.0m	3.0m	127 lx	21.0 lx
84 175	2.0m	6.0m	4.5m	56 lx	10.5 lx
	3.0m	8.0m	6.0m	32 lx	6.0 lx

A – Distance from the luminaires to the façade H – Height of the façade B – Distance between the luminaires
 \bar{E} – Average degree of illuminance on the façade E_{min} – Minimum degree of illuminance





On-ground luminaire · Wall washer · RGBW
for installation on ground level to illuminate vertical surfaces

The lighting technology and design of these on-ground floodlights make it possible to illuminate a vertical surface, such as a façade, almost completely from the ground to the lower edge of the roof.

The lower limit of the light distribution is linear, without the usual "light cone" seen with in-ground floodlights. The significantly lower amount of installation work required in comparison to recessed luminaires, as well as the different installation variants, reduce installation costs and offer a high degree of flexibility. The luminaires are simply secured to the substrate by means of a mounting plate. A hole drilled under the luminaire by the customer is required for the cable routing.

We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.

The RGBW luminaires in this series can be controlled by DALI colour light control (DT8, RGBWAF, xy, TC). Suitable DALI system components can be found on Page 568.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1750 · 4200 lm
Connected wattage	27.2 · 33.2 W
Size	260 × 250 mm
Height	75 mm
Protection class	IP 67

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

DALI-controllable power supply units

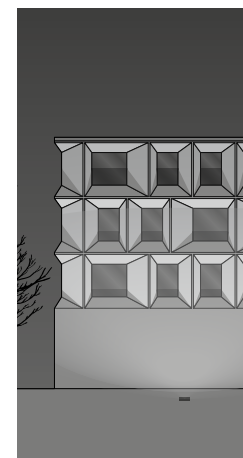
Integrated water stop and connecting cable

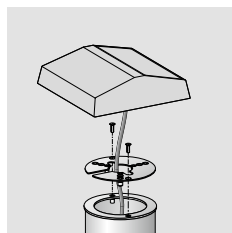
BEGA Thermal Management®

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite

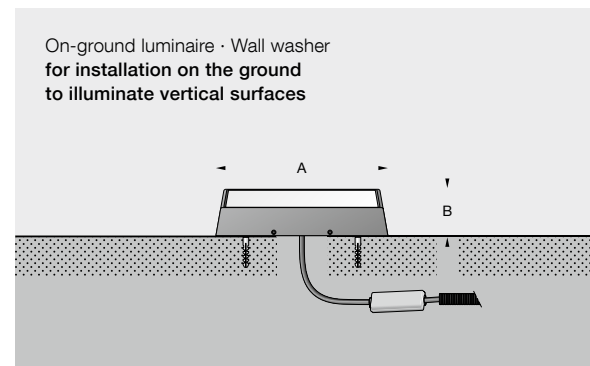
20-year availability guarantee for LED modules





Connection housing

We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.



On-ground luminaire · Wall washer
for installation on the ground
to illuminate vertical surfaces

On-ground luminaire · Wall washer							Connection housing
	LED		PSU	A	B	AC/DC	
84 174	33.2W	4200lm	DALI	260 × 250	75	✓	71 246

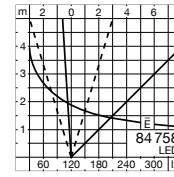
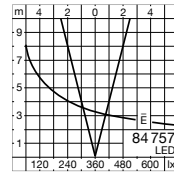
On-ground luminaire · Wall washer · RGBW							Connection housing
	LED		PSU	A	B	AC/DC	
84 874	27.2 W	1750 lm	DALI DT 8	260 × 250	75	✓	71 246

The following table serves as a project planning aid. The luminaire arrangement is determined by the size of the object to be illuminated and the degree of illuminance desired.

Project planning aid	A	H	B	\bar{E}	E_{min}
84 174	1.5m	6.0m	4.5m	117 lx	20.0 lx
	2.0m	8.0m	6.0m	66 lx	11.4 lx
	3.0m	12.0m	9.0m	29 lx	5.0 lx

A – Distance from the luminaires to the façade H – Height of the façade B – Distance between the luminaires
 \bar{E} – Average degree of illuminance on the façade E_{min} – Minimum degree of illuminance





On-ground luminaires
**With symmetrical or
 asymmetrical light distribution**

Floodlights with symmetrical or asymmetrical light distribution for the illumination of façades or trees from the ground.

These luminaires are an alternative both to in-ground luminaires – due to the significantly less installation work required – and to floodlights with freely accessible adjustability.

These robust floodlights for permanent installation are characterised by a compact design.

We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2620 · 2810 lm
Connected wattage	22.8 · 27.0 W
Size	Ø 205 mm
Protection class	IP 67

Cast aluminium, aluminium and stainless steel
 Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

Integrated water stop and connecting cable

BEGA Thermal Management®

LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite

20-year availability guarantee for LED modules

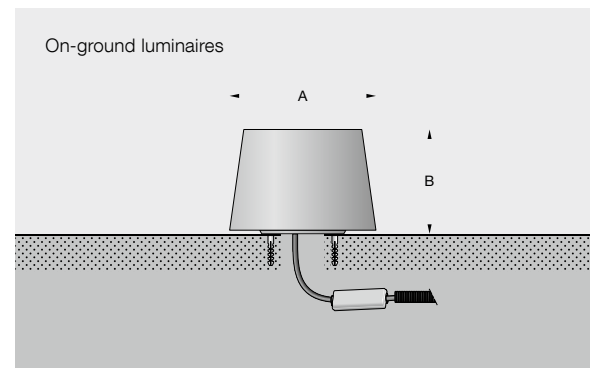
Light distribution





Connection housing

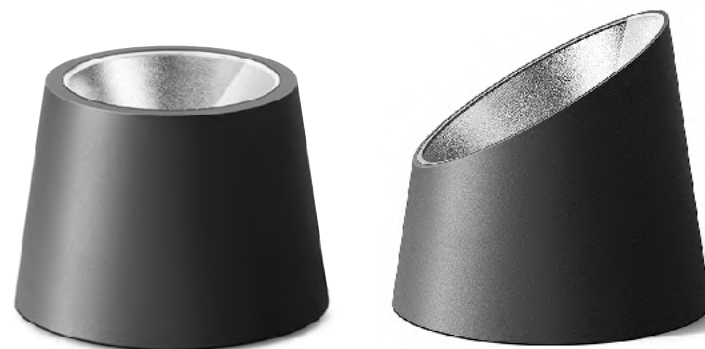
We offer a connection housing as an accessory for different requirements at the installation site. This allows the luminaires to be mounted on unpaved surfaces. Additional information on connection housings can be found on Page 582.

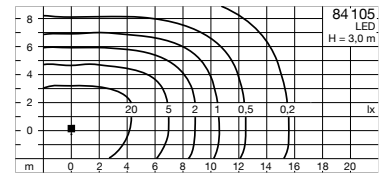
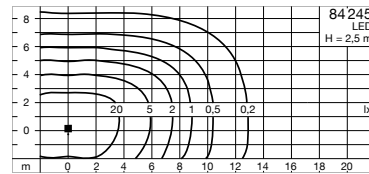
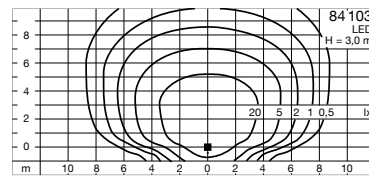


On-ground floodlights - Symmetrical light distribution								Connection housing
	LED		PSU	β	A	B	AC/DC	
84 757	22.8 W	2810 lm	DALI	28°	205	180	✓	71 246

On-ground floodlights - Asymmetrical light distribution								Connection housing
	LED		PSU	β	A	B	AC/DC	
84 758	27.0 W	2.620 lm	DALI	75/60°	205	180	✓	71 246

β = Half beam angle





Pole-top luminaires

Asymmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with asymmetrical or asymmetrical flat beam light distribution for mounting heights of 2500 to 3000 millimetres.

Depending on the light distribution, they are suitable for illuminating small squares, access routes, entrance areas or parking areas for bicycles and e-bikes. Illuminating and structure-giving design elements – available with two different outputs and in single and double versions. The light distribution can be precisely aligned to the surface to be illuminated, thanks to the luminaire housing's adjustable attack angle.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

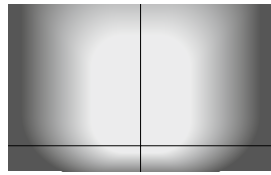
In the table, we recommend BEGA luminaire poles that match the finish and colour, as well as the design and statics of the pole-top luminaires in this series. The complete overview and technical data of all BEGA luminaire poles, anchorage units and connection boxes can be found on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

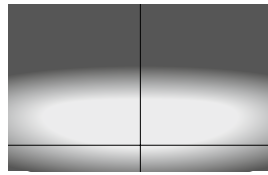
are available at all times in the instructions for use and data sheets on our website.

Luminaire data

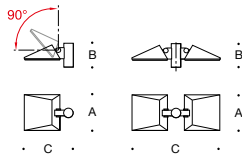
Luminaire luminous flux	2110 to 5850 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	16.0 to 44.4 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units	
BEGA Thermal Management®	
Attack angle infinitely adjustable from 0° to 90°	
Asymmetrical or asymmetrical flat beam light distribution	
Colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Asymmetrical



Asymmetrical flat beam



Pole-top luminaires · **Asymmetrical** light distribution

	LED	PSU		A	B	C	AC/DC	
84 103	22.2 W	2660 lm	DALI	Single	260	190	360	✓
84 104	44.4 W	5320 lm	DALI	Double	260	190	630	✓

Luminaire poles

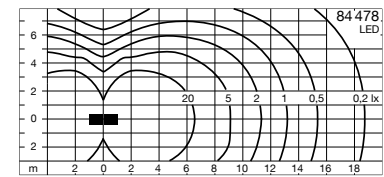
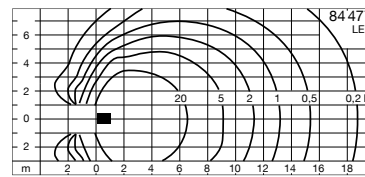
Pole heights	Top	Groups
2500 - 3000	Ø 60	32 · 12
2500 - 3000	Ø 60	32 · 12

Pole-top luminaires · **Asymmetrical flat beam** light distribution

	LED	PSU		A	B	C	AC/DC	
84 245	16.0 W	2110 lm	DALI	Single	260	190	360	✓
84 105	22.2 W	2925 lm	DALI	Single	260	190	360	✓
84 246	32.0 W	4220 lm	DALI	Double	260	190	630	✓
84 106	44.4 W	5850 lm	DALI	Double	260	190	630	✓

Luminaire poles

Pole heights	Top	Groups
2500 - 3000	Ø 60	32 · 12
2500 - 3000	Ø 60	32 · 12
2500 - 3000	Ø 60	32 · 12
2500 - 3000	Ø 60	32 · 12



Light building elements Asymmetrical light distribution

Light building elements with asymmetrical light distribution. Different architectural dimensions require different luminaire proportions. These light building elements with a mounting height of 3000 millimetres are a great solution for lighting applications in small to medium-sized public areas. Small squares, entrance areas, connecting paths, parking areas for bicycles and e-bikes are typical examples of applications for BEGA light building elements with these dimensions. Illuminating and structure-giving design elements – available in single and double versions.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

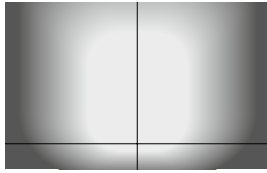
These luminaires are equipped with BEGA Thermal Management® to protect against overheating due to excessive ambient temperatures. BEGA Ultimate Driver® is also a guarantee for premium component quality and the extra-long service life of the power supply units used, completing the overall technological package of these light building elements.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

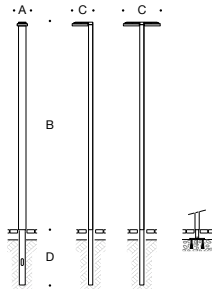
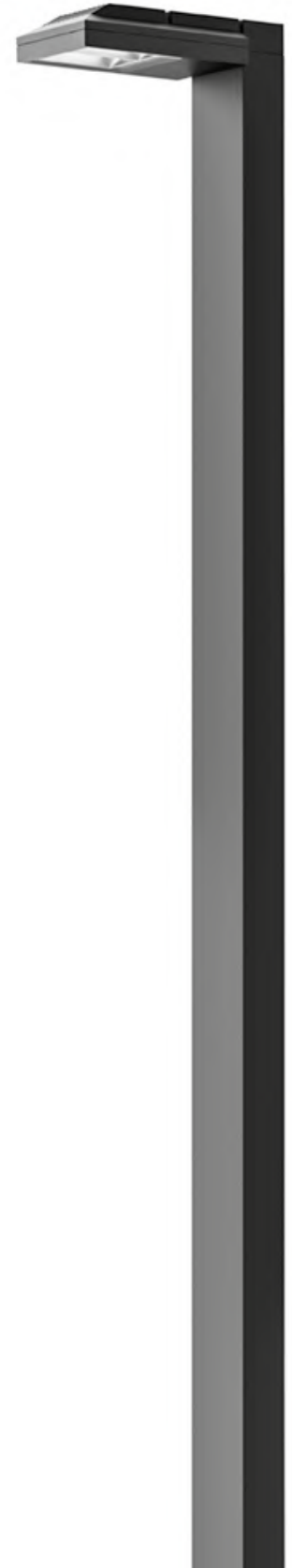
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

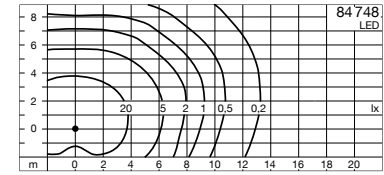
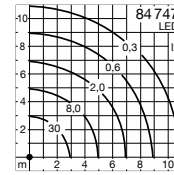
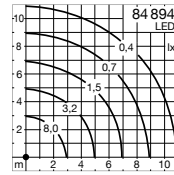
Luminaire luminous flux	2725 · 5450 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	26.6 · 53.2 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Asymmetrical light distribution	
Colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Asymmetrical



Light building elements · Asymmetrical light distribution										Anchorage	Screw-on	
	LED		PSU	Connection		A	B	C	D	AC/DC	unit	base
84 477	26.6 W	2725 lm	DALI	Terminals 5 × 4 [□]	Single	140	3000	280	800	✓	71 192	71 191
84 478	53.2 W	5450 lm	DALI	Terminals 5 × 4 [□]	Double	140	3000	500	800	✓	71 192	71 191



Light building elements
**Unshielded light, symmetrical
 or asymmetrical flat beam light distribution**

Light building elements with unshielded light, symmetrical or asymmetrical flat beam light distribution. Different architectural dimensions require different luminaire proportions. These light building elements with a mounting height of 2500 millimetres are a great solution for lighting applications in small to medium-sized public areas: for the illumination of small squares, entrance areas in front of buildings and connecting paths. They are illuminating and structure-giving design elements.

The technical data for the connection boxes can be found on Page 585.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2360 to 2550 lm

Connected wattage 17.5 · 22.5 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cylinder translucent white or clear

Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

Unshielded light, symmetrical or asymmetrical flat beam light distribution

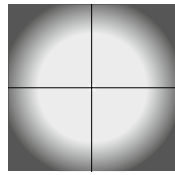
LED colour temperature
 3000 K – article number + **K3**
 4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

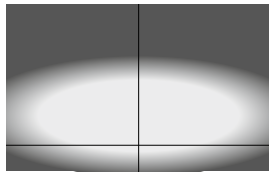
■ Graphite – article number

■ Silver – article number + **A**

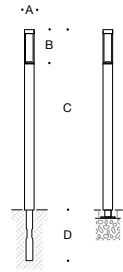
20-year availability guarantee for LED modules



Symmetrical



Asymmetrical flat beam



Light building element · Synthetic cylinder **translucent white** · **Unshielded** light

	LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base
84 894	17.5 W 2550 lm	DALI	71 084	140	480	2500	800	✓	71 242	71 243

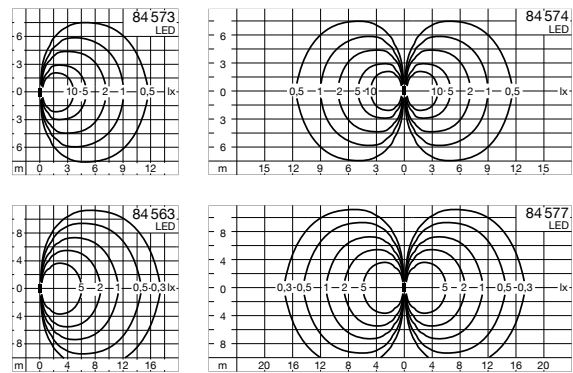
Light building element · Synthetic cylinder **clear** · **Symmetrical** light distribution

	LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base
84 747	22.5 W 2.440 lm	DALI	71 084	140	480	2500	800	✓	71 242	71 243

Light building element · Synthetic cylinder **clear** · **Asymmetrical flat beam** light distribution

	LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base
84 748	22.5 W 2360 lm	DALI	71 084	140	480	2500	800	✓	71 242	71 243





Light building elements

Unshielded light, light emission on one or two sides

Unshielded light building elements with light emission on one or two sides. Different architectural dimensions require different luminaire proportions. These light building elements, with mounting heights of 2500 millimetres and 3500 millimetres, are a great solution for lighting applications in small to medium-sized public areas. Small squares, entrance areas in front of buildings and connecting paths are typical examples of applications for BEGA light building elements with these dimensions. They are illuminating and structure-giving design elements.

These luminaires are equipped with BEGA Thermal Management® to protect against overheating due to excessive ambient temperatures. BEGA Ultimate Driver® is also a guarantee for premium component quality and the extra-long service life of the power supply units used.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

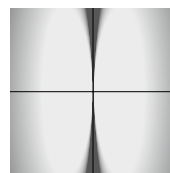
Luminaire luminous flux	1205 to 3460 lm
Connected wattage	17.4 to 51.2 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidur®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



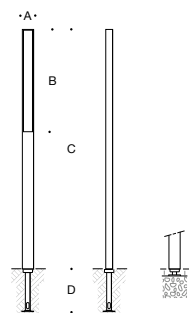
Bollards Page 280



On one side



On two sides



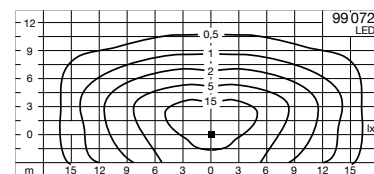
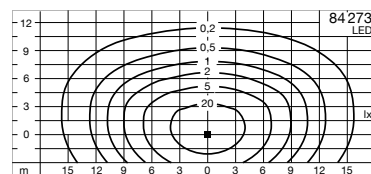
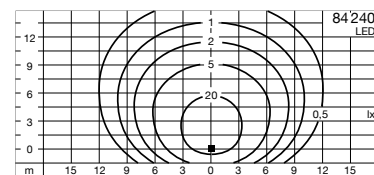
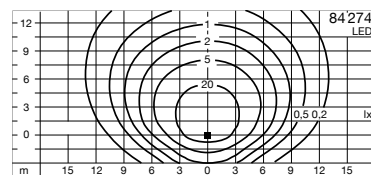
Light building elements · Light emission **on one side**

	LED	PSU	Connection	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 573	17.4 W	1205 lm	DALI	Terminals 5 × 4 [□]	125 x 90	1000	2500	800	✓	71 192	71 191
84 563	25.0 W	1730 lm	DALI	Terminals 5 × 4 [□]	125 x 90	1500	3500	800	✓	71 192	71 191

Light building elements · Light emission **on two sides**

	LED	PSU	Connection	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 574	35.7 W	2410 lm	DALI	Terminals 5 × 4 [□]	125 x 90	1000	2500	800	✓	71 192	71 191
84 577	51.2 W	3460 lm	DALI	Terminals 5 × 4 [□]	125 x 90	1500	3500	800	✓	71 192	71 191





Light building elements

Asymmetrical or asymmetrical flat beam light distribution

Light building elements with symmetrical or asymmetrical flat beam light distribution. They are available with different dimensions and mounting heights and are available in single and double versions.

Striking luminaires suitable for the energy-efficient illumination of access roads, car parks and traffic-calmed zones.

Light building elements are illuminating design elements for public spaces – they are ideal for dividing up and structuring outdoor spaces.

They can be used to guide pedestrians and vehicles.

Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

We can also supply these luminaires in safety class II as custom-made products.

Matching light building elements with laminated wood can be found on Page 436. Wall luminaires that match the design and construction of these luminaires can be found on Page 202 – bollards on Page 266.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by

means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2520 · 5040 lm

Luminous flux in the upper half-space < 1%

Connected wattage 18.0 to 40.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

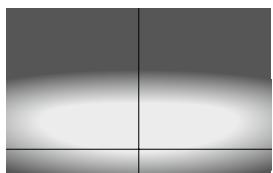
■ Graphite – article number

■ Silver – article number + **A**

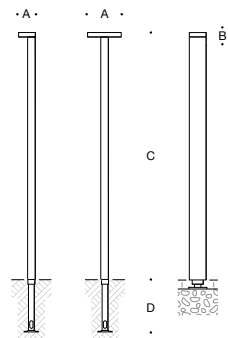
20-year availability guarantee for LED modules



Asymmetrical



Asymmetrical flat beam

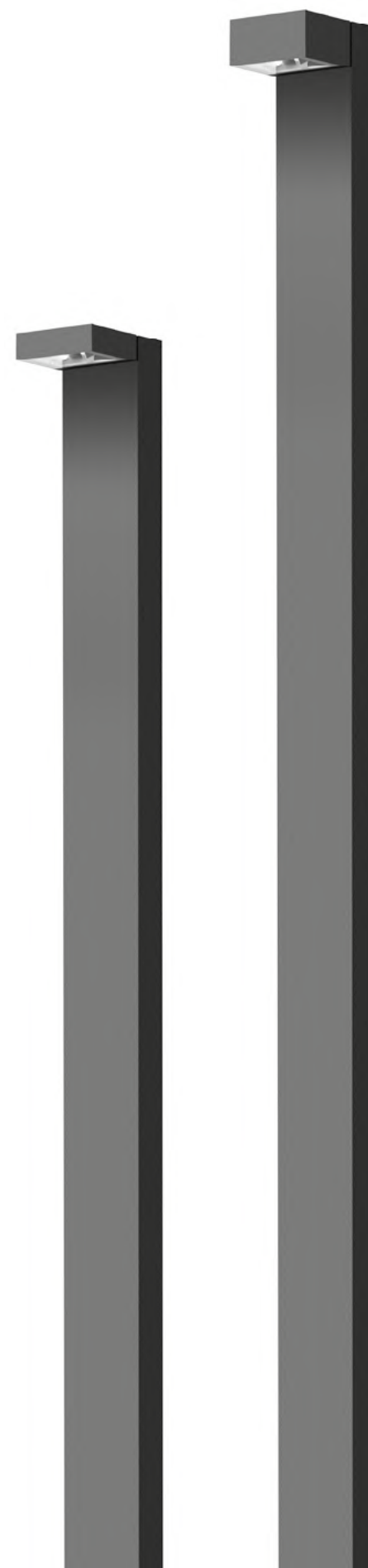


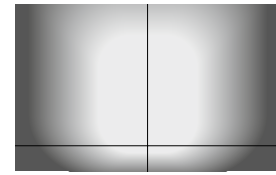
Light building elements · **Asymmetrical** light distribution

	LED	PSU	Connection box		A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 274	20.0 W	2520 lm	DALI	71 084	Single	285 × 240	65	3500	800	✓	71 140	70 833
84 240	20.0 W	2520 lm	DALI	71 084	Single	320 × 240	105	4500	800	✓	71 140	70 833
84 276	38.3 W	5040 lm	DALI	71 084	Double	460 × 240	65	3500	800	✓	71 140	70 833
84 241	40.0 W	5040 lm	DALI	71 084	Double	520 × 240	105	4500	800	✓	71 140	70 833

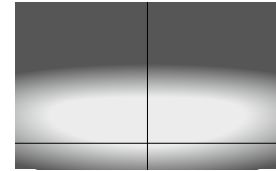
Light building elements · **Asymmetrical flat beam** light distribution

	LED	PSU	Connection box		A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 273	18.0 W	2520 lm	DALI	71 084	Single	285 × 240	65	3500	800	✓	71 140	70 833
99 072	18.0 W	2520 lm	DALI	71 084	Single	320 × 240	105	4500	800	✓	71 140	70 833
84 275	36.0 W	5040 lm	DALI	71 084	Double	460 × 240	65	3500	800	✓	71 140	70 833
99 076	36.0 W	5040 lm	DALI	71 084	Double	520 × 240	105	4500	800	✓	71 140	70 833

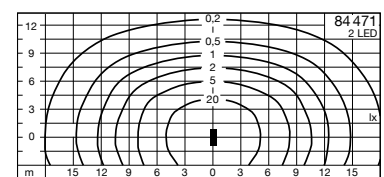
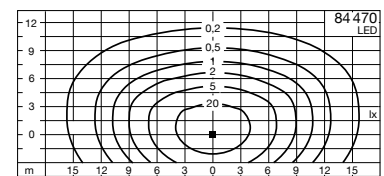
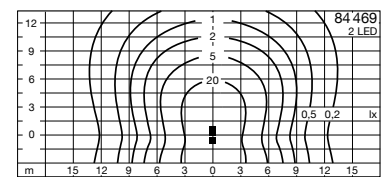
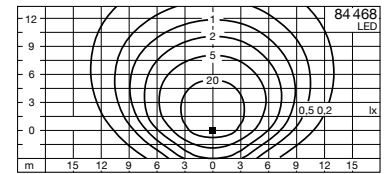




Asymmetrical



Asymmetrical flat beam



Light building elements with laminated wood
Asymmetrical or asymmetrical flat beam light distribution

Light building elements with asymmetrical or asymmetrical flat beam light distribution optionally available in single and double versions. Striking luminaires suitable for the energy-efficient illumination of access roads, car parks and traffic-calmed zones. These luminaires are already part of the BEGA range in a painted aluminium version. We have now added a wooden version to the series.

We manufacture all laminated wood components from finger-jointed pine slats. Their static characteristic values and strength classes comply with the requirements of DIN EN 14 080. The use of high-quality aluminium at the base of the pole means the wood has no direct contact with the ground. The BEGA Coating Technology® used on the aluminium parts also ensures maximum protection in this critical area. Light building elements are illuminating design elements for public spaces – they are ideal for dividing up and structuring outdoor spaces.

They can be used to guide pedestrians and vehicles.

Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2520 · 5040 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	18.0 to 38.3 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
Laminated wood in accordance with DIN EN 14 080
Safety glass
Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

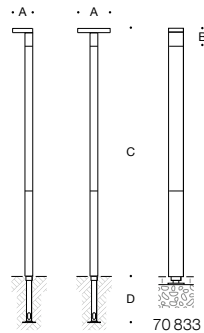
BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite – article number
■ Silver – article number + **A**

20-year availability guarantee for LED modules



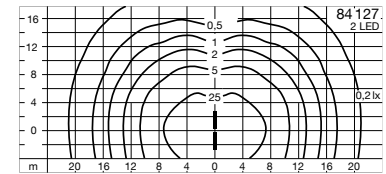
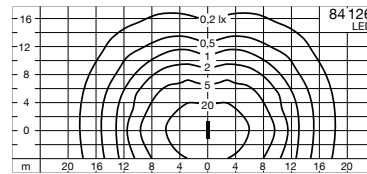
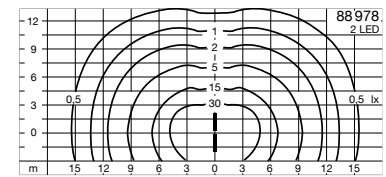
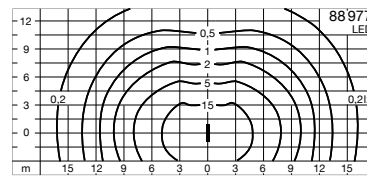
Light building elements with laminated wood · **Asymmetrical** light distribution

LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 468 20.0 W 2520 lm	DALI	70 629	Single	285 × 240	65	3500	800	✓	71 140	70 833
84 469 38.3 W 5040 lm	DALI	70 629	Double	460 × 240	65	3500	800	✓	71 140	70 833

Light building elements with laminated wood · **Asymmetrical flat beam** light distribution

LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 470 18.0 W 2520 lm	DALI	70 629	Single	285 × 240	65	3500	800	✓	71 140	70 833
84 471 36.0 W 5040 lm	DALI	70 629	Double	460 × 240	65	3500	800	✓	71 140	70 833





Light building elements Asymmetrical flat beam light distribution

Light building elements with asymmetrical flat beam light distribution optionally available in single and double versions. Light building elements are luminous design elements for public areas.

They are ideal for dividing and structuring outdoor spaces, as well as guiding pedestrians and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires.

Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories.

Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2555 to 10 110 lm

Luminous flux in the upper half-space < 1%

Connected wattage 21.5 to 86.2 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Attack angle adjustable to 0° or 10°

Asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

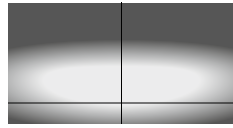
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

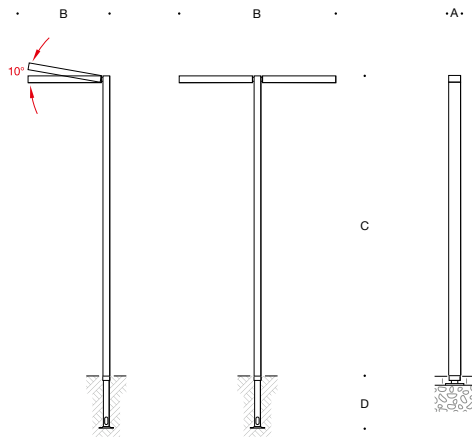
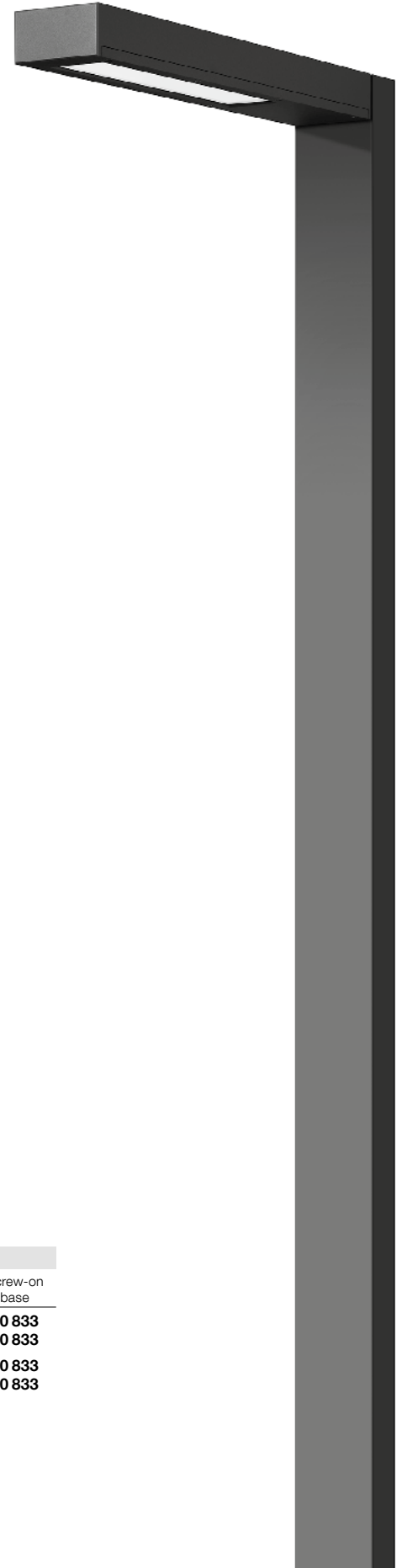
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

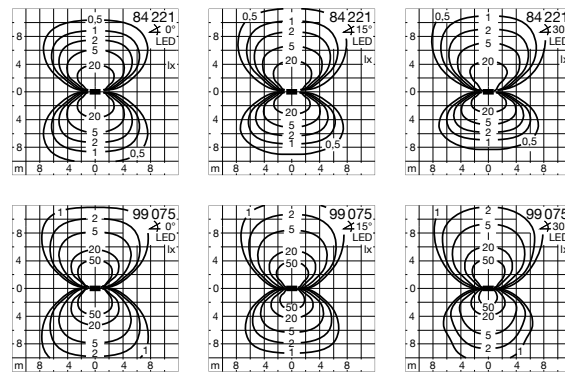


Asymmetrical flat beam



Light building elements · Asymmetrical flat beam light distribution

	LED	PSU	Connection box			A	B	C	D	AC/DC	Anchorage unit	Screw-on base
88 977	21.5 W	2555 lm	DALI	70 629	Single	95 × 155	1100	4600	800	✓	71 140	70 833
84 126	43.1 W	5055 lm	DALI	70 629	Single	95 × 155	1100	4600	800	✓	71 140	70 833
88 978	43.0 W	5110 lm	DALI	70 629	Double	95 × 155	2100	4600	800	✓	71 140	70 833
84 127	86.2 W	10 110 lm	DALI	70 629	Double	95 × 155	2100	4600	800	✓	71 140	70 833



Light building elements Adjustable light distribution

Light building elements with different mounting heights and adjustable light distribution. An internal adjustment device allows the optical system to be individually set to 0°, 15° or 30°. This means that symmetrical light distribution with equal proportions of light or different asymmetrical light distribution ratios can be achieved. Light building elements are luminous design elements for public areas. They are ideal for dividing and structuring outdoor spaces, as well as guiding pedestrians and vehicles.

Bollards that match the design and construction of these luminaires can be found on Page 274.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

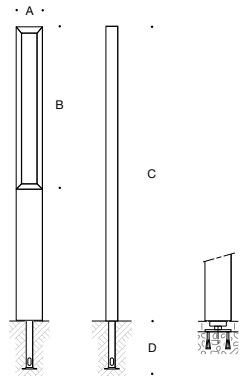
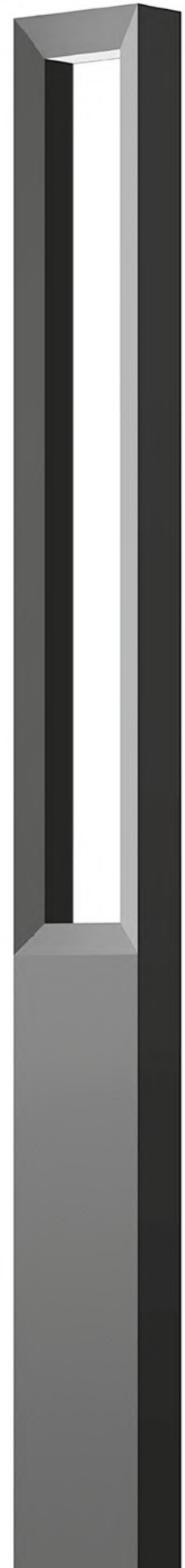
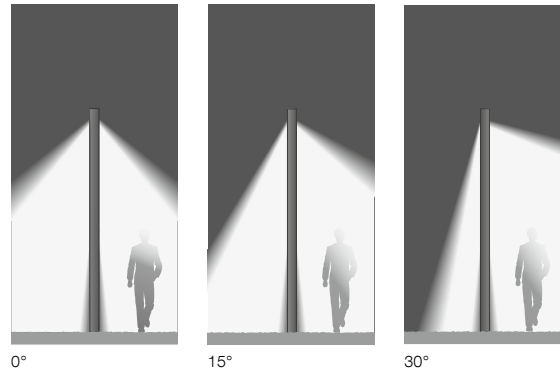
maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2365 · 3875 lm
Connected wattage	32.0 · 40.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Adjustable light distribution	0° · 15° · 30°
LED colour temperature	3000 K – article number + K3 4000 K – article number + K4
Luminaire colour · BEGA Unidure®	■ Graphite – article number ■ Silver – article number + A
20-year availability guarantee for LED modules	

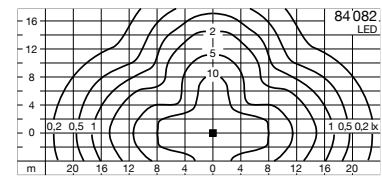
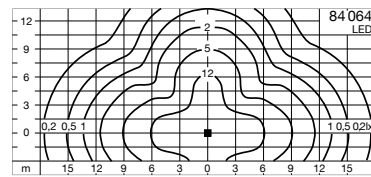


Bollards Page 274



Light building elements with **adjustable** light distribution

	LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 221	32.0 W	2365 lm	DALI	71 084	270 × 140	1850	3500	800	✓	71 140	70 833
99 075	40.0 W	3875 lm	DALI	70 629	400 × 180	2500	4500	800	✓	71 139	70 844



Light building elements

Directed light · Symmetrical very wide beam light distribution

Light building elements with different mounting heights and directed light for a high degree of illuminance on the ground surface.

Light building elements are illuminating design elements for public spaces; they can be used to guide pedestrians and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectonic structure or even to highlight it spectacularly. We can also supply these luminaires in safety class II as custom-made products.

Bollards that match the design and construction of the luminaires in this series can be found on Page 270.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

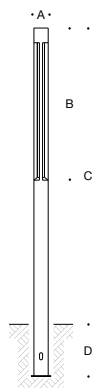
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2415 · 4920 lm
Connected wattage	43.5 · 64.5 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Symmetrical very wide beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



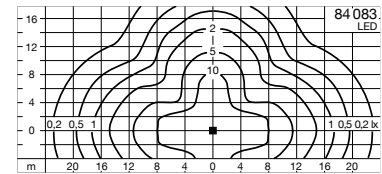
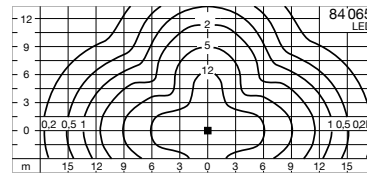
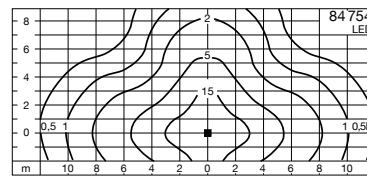
Bollards Page 270



Light building elements · **Directed light**

	LED	PSU	Connection box	A	B	C	D	AC/DC	
84 064	43.5 W	2415 lm	DALI	71 084	Ø220	2300	4500	800	✓
84 082	64.5 W	4920 lm	DALI	71 084	Ø300	3000	6000	1000	✓





Light building elements

Directed light · Symmetrical very wide beam light distribution

Light building elements with different mounting heights and directed light for a high degree of illuminance on the ground surface.

Light building elements are illuminating design elements for public spaces – they are ideal for dividing up and structuring outdoor spaces. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

Bollards that match the design and construction of the luminaires in this series can be found on Page 272.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

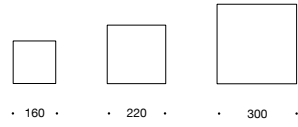
maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1500 to 5360 lm
Connected wattage	22.0 bis 65.2 W
Protection class	IP 65
Safety class	II
Cast aluminium, aluminium and stainless steel	
Crystal glass · 84 083 Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Symmetrical very wide beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



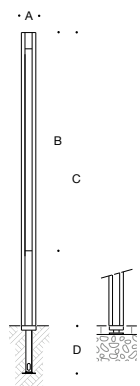
Bollards Page 272



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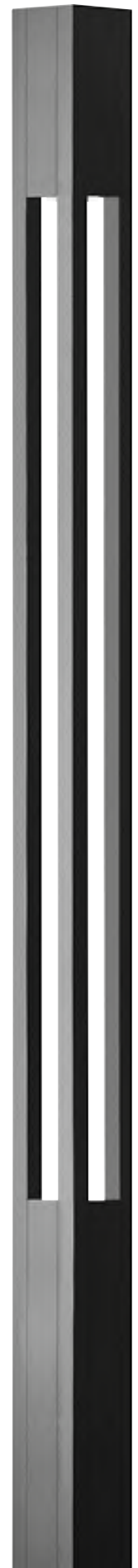
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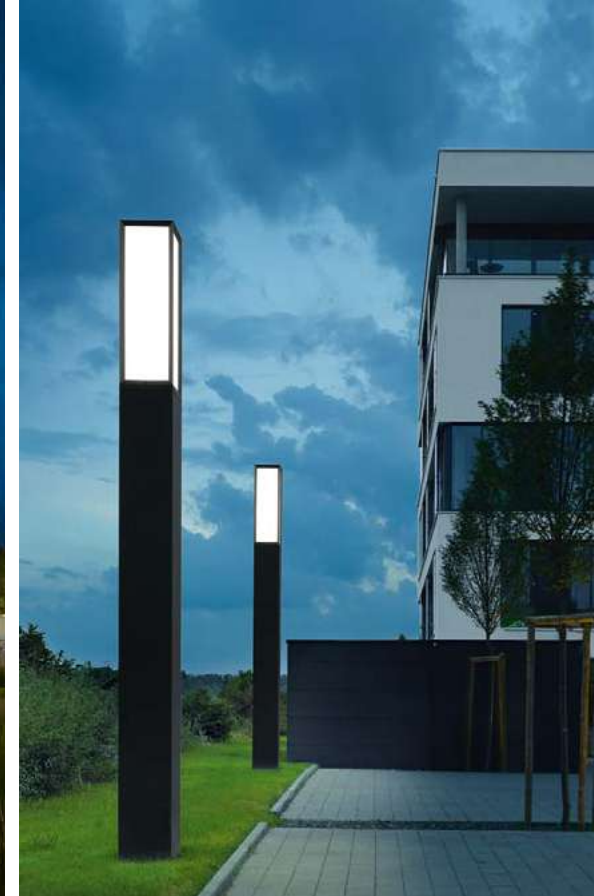
• 300 •



Light building elements · Directed light

	LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base
84 754	22.0 W 1500 lm	DALI	71 084	160 × 160	2800	3500	730	✓	71 242	71 243
84 065	43.5 W 2715 lm	DALI	70 632	220 × 200	3600	4500	800	✓	71 137	70 829
84 083	65.2 W 5360 lm	DALI	70 629	300 × 300	4800	6000	1000	✓	71 135	70 848





Light building elements Unshielded light

Light building elements with a square layout. They have unshielded light emission on four sides and are available in different mounting heights.

Light building elements are luminous design elements for public areas.

They are particularly suitable for dividing and structuring outdoor spaces. Their ability to attract attention is considerably greater than that of pole-top luminaires.

Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

We can also supply these luminaires in safety class II as custom-made products.

Bollards that match the design and construction of the luminaires in this series can be found on Page 276 – wall luminaires on Page 146.

Power reduction accessories for luminaires with DALI interface and technical data

for connection boxes can be found on Page 584.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories.

Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 6040 to 10 020 lm

Connected wattage 51.0 to 96.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cover, translucent white

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

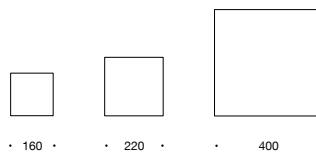
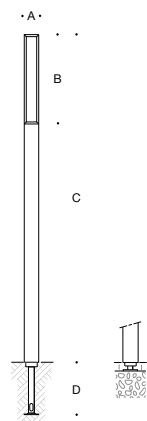
20-year availability guarantee for LED modules



Bollards Page 276



Wall luminaires Page 146



Light building elements · Unshielded light

	LED	PSU	Connection box	A	B	C	D	AC/DC	Anchorage unit	Screw-on base	
84 875	51.0 W	6040 lm	DALI	71 084	160 × 160	1250	4000	800	✓	71 136	70 819
84 876	60.7 W	7210 lm	DALI	71 084	220 × 220	1350	5000	800	✓	71 137	70 829
99 877	96.0 W	10 020 lm	DALI	71 084	400 × 400	1350	5000	1200	✓	71 138	—





Modular light building elements On one side or on two sides

Light building elements are illuminating components that give structure to public spaces such as pedestrian zones, public squares in inner-city areas and anywhere else illuminating design elements are required. It is precisely in these places that additional functions, such as publicly accessible WiFi, additional floodlights or speakers, are now in demand and almost expected. BEGA light building elements are perfect for installing the necessary technology.

We have developed a new modular light building element for these requirements.

In addition to the lighting functions, the concept makes it possible to fulfil other technical requirements in public spaces in one installation.

Use the configurator on our website to design a light building element according to your requirements. These light building elements are available in three heights, 4500 · 5000 · 5500 mm.

The following functions can be integrated:

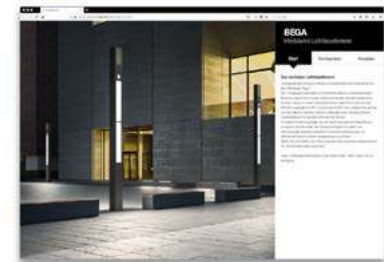
- Unshielded lighting modules in the lengths 250 · 500 · 1000 · 1500 mm
- WiFi module with aerial unit
- Adjustable floodlight for illuminating architectural details
- Camera module
- Loudspeaker module
- Lighting modules with different light characteristics

Protection class IP 65 · BEGA Thermal Management®

Cast aluminium, aluminium and stainless steel · Safety glass

BEGA Ultimate Driver®

The technical data for the modular light building element and its individual modules can be found in the configurator on our website.



Configurator

Plan how you will combine these light building elements using the configurator on our website (<https://mlbe.bega.com/>).

Choose one of the three height options and simply combine the light building element with the desired modules to suit your requirements.

Modular light building elements

- 84 688** Light building element height 4500 mm
- 84 679** Light building element height 5000 mm
- 84 689** Light building element height 5500 mm

Modules · Short description



WiFi module with aerial unit

The WiFi module for publicly accessible WiFi is installed together with an aerial unit. The planning and commissioning service is provided by our telecommunications system partners: "The Cloud Networks Germany GmbH" and "Telekom Deutschland GmbH".



Camera module

The camera module is designed to accommodate cameras for the identification of persons, objects and vehicles.



Adjustable floodlight module

The LED floodlight has an adjustable inclination angle and is used to illuminate architectural details, trees or plants.
Connected wattage 26.5 W · 2800 lm
Half beam angle 18°
Can be rotated 360°,
adjustable inclination angle of 0°-30°



Unshielded lighting modules

Unshielded LED lighting modules are the primary light source of a light building element.
Available lengths 250 · 500 · 1000 · 1500 mm.
Connected wattage · Luminaire luminous flux
250mm lighting module · 6.7 W · 360 lm
500mm lighting module · 13.6 W · 1135 lm
1000mm lighting module · 27.0 W · 2290 lm
1500mm lighting module · 40.0 W · 3580 lm



Loudspeaker module

We can optionally supply the sound module with an integrated non-visible flat-panel loudspeaker for connection to an external amplifier unit or with a built-in amplifier unit.



Lighting modules

Lighting modules with two different light distributions, designed primarily for installation in the lower part of the light building element. They are also suitable for marking danger points or illuminating paths.

WiFi module
with aerial unit

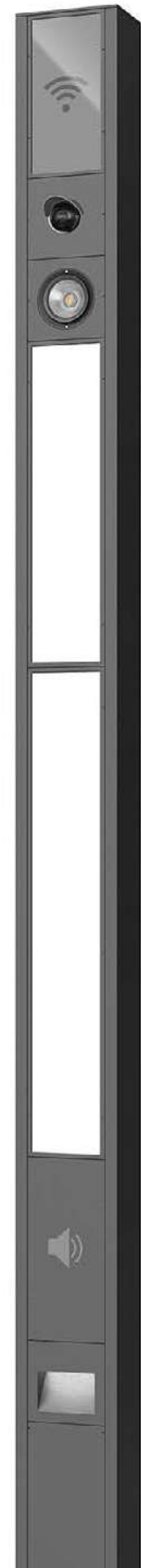
Camera module

Adjustable floodlight module

Unshielded lighting modules

Loudspeaker module

Lighting modules with
different light distributions





Profile poles for installing

up to eight BEGA performance floodlights

BEGA profile poles provide the perfect solution for a wide range of lighting applications with directed light from a single location with up to eight floodlights.

Two BEGA performance floodlights fit into each profile groove on the pole. Up to eight floodlights with different outputs and half beam angles can therefore be arranged for the desired illumination.

The poles are available with either cylindrical or square cross-sections in heights of 4000 and 6000 millimetres.

The poles can either be installed by means of an anchorage unit or a screw-on base. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

We manufacture profile poles with laminated wood from finger-jointed pine slats. Their static characteristic values and strength classes comply with the requirements of DIN EN 14 080. The use of high-quality aluminium at the base of the pole means the wood has no direct contact with the ground. The BEGA Coating Technology® used on the aluminium parts also ensures maximum protection in this critical area.

BEGA light building elements from this series are secured in the ground by means of an anchorage unit or bolted onto a foundation provided by the customer by means of a screw-on base. Please order anchorage units and screw-on bases separately as accessories. Additional information on BEGA anchorage units and screw-on bases can be found on Page 582.

Diffuser lenses for changing the light distribution, shields and louvres are available as accessories for the floodlights on this Page.

These can be used individually or in combination. Please order accessories separately.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 395 to 3910 lm

Connected wattage 10.2 to 41.0 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector surface made of pure aluminium
Optical silicone lens · BEGA Hybrid Optics®

on/off or

DALI-controllable power supply units

BEGA Thermal Management®

Focussed light distribution with reduced diffuse light percentage, symmetrical very wide beam or symmetrical very wide beam light distribution

LED colour temperature

3000K – article number + **K3**

4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

Light distribution



5-10° 18-24° 46-64°

Profile pole technical data

Aluminium or

Aluminium and laminated wood in accordance with DIN EN 14 080

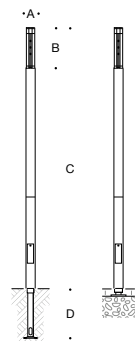
Laminated wood made from finger-jointed pine slats

With a four-sided profile groove for mounting of up to eight floodlights

Aluminium part colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**



Aluminium profile poles




		Connection box	A	B	C	D	Anchorage unit	Screw-on base
84 702	Cylindrical	71 084	Ø 135	620	4000	1140	71 207	71 199
84 703	Cylindrical	71 084	Ø 135	620	6000	1140	71 207	71 199
84 700	Square	71 084	120 x 120	620	4000	1140	71 207	71 199
84 701	Square	71 084	120 x 120	620	6000	1140	71 207	71 199

Aluminium profile poles with laminated wood


		Connection box	A	B	C	D	Anchorage unit	Screw-on base
84 698	Cylindrical	71 084	Ø 135	590	4000	1140	71 207	71 199
84 699	Cylindrical	71 084	Ø 135	590	6000	1140	71 207	71 199
84 696	Square	71 084	120 x 120	590	4000	1140	71 207	71 199
84 697	Square	71 084	120 x 120	590	6000	1140	71 207	71 199



Performance floodlights suitable for mounting on profile poles

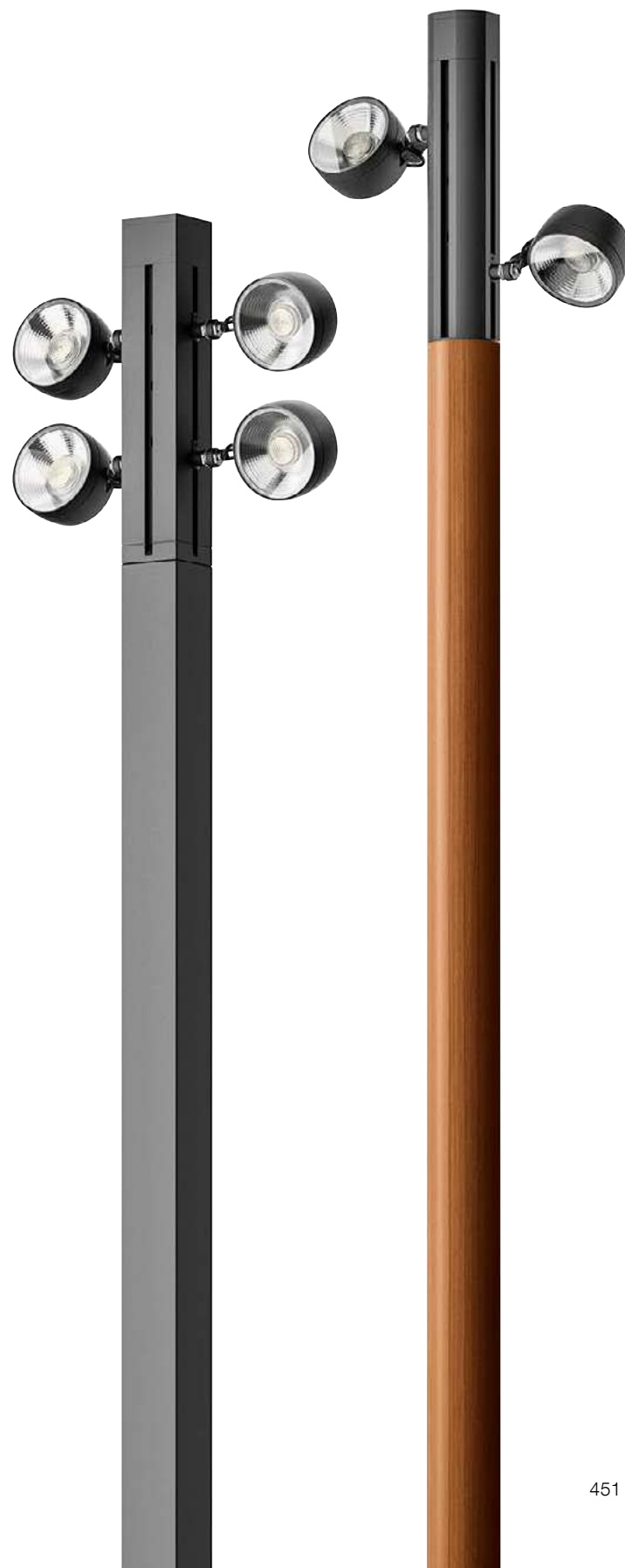
Performance floodlights suitable for mounting on profile poles										Accessories			
Focused	LED	PSU	β	A	B	C	AC/DC						
84 660	10.2 W	395 lm	on/off	5°	145	225	120	✓	—	—	Integrated		
84 661	20.3 W	1245 lm	DALI	8°	145	225	100	✓	71 120	71 118	Integrated		
84 692	16.4 W	495 lm	DALI	5°	175	255	125	✓	—	—	Integrated		
84 693	41.0 W	2115 lm	DALI	10°	175	255	100	✓	71 113	71 111	Integrated		
Wide beam													
84 662	19.0 W	1935 lm	DALI	18°	145	225	100	✓	71 120	71 118		71 119	
84 694	40.0 W	3885 lm	DALI	24°	175	255	100	✓	71 113	71 111		71 112	
Very wide beam													
84 663	19.0 W	1940 lm	DALI	46°	145	225	100	✓	71 120	71 118		—	
84 695	40.0 W	3910 lm	DALI	64°	175	255	100	✓	71 113	71 111		—	

β = Half beam angle

 Diffuser lens · Flat beam

 Shield

 Louvers





BEGA system light building elements - Overview

Light building elements are illuminating design elements that give structure to public spaces. The new BEGA system light building elements enable different light building element heads to be combined with light building element tubes in different materials and with integrated floodlights.

In addition to purely functional lighting, a choice of one or two integrated floodlights means that trees, advertising spaces and building details can also be illuminated.

For the light building element tubes, you can choose between tubes made of painted aluminium or laminated wood and aluminium. Both versions are available with either an anchorage unit or a base plate.

To plan your lighting system, first select a light building element head with your desired light distribution. When choosing a light building element, you select the material, any additional floodlights and the design of the base.

BEGA light building element heads for system light building elements		Ø 140			Ø 170			Ø 220					
Catalogue page 454 456 458 458		Unshielded			Symmetrical/ asymmetrical flat beam			Unshielded			Symmetrical/ asymmetrical flat beam		
BEGA light building element tubes for system light building elements Ø in mm		Ø 140			Ø 170			Ø 220					
A	Without components - Aluminium Light building element tubes without any additional components form the basic tubes of the system light building elements.	•	•	•	•	•	•	•	•	•	•	•	
	Without components - Laminated wood + aluminium Light building element tubes without any additional components form the basic tubes of the system light building elements.	•	•	•	•	•	•	•	•	•	•	•	
B	With one floodlight - BEGA Hybrid Optics® Light building element tubes made of aluminium with a built-in floodlight. The floodlight has an adjustable inclination angle of ± 30°, can be rotated through 360° and adds an additional function to a system light building element that enables it to illuminate architectural details, trees or information signs, for example. LED colour temperature 3000 K or 4000 K		•	•		•	•						
	With two floodlights - BEGA Hybrid Optics® Light building element tubes made of aluminium with two built-in floodlights. Every floodlight has an adjustable inclination angle of ± 30°, can be rotated through 360° and adds an additional function to a system light building element that enables it to illuminate architectural details, trees or information signs, for example. LED colour temperature 3000 K or 4000 K		•	•		•	•						

BEGA light building element tubes for system light building elements

On this page, you will find all the light building element tubes for the system light building elements listed on Pages 454 to 461.

A brief description on Page 452 gives you a compact overview of the light building element tubes and their functions. A detailed technical lighting description can be found in the data sheets and instructions for use on our website.

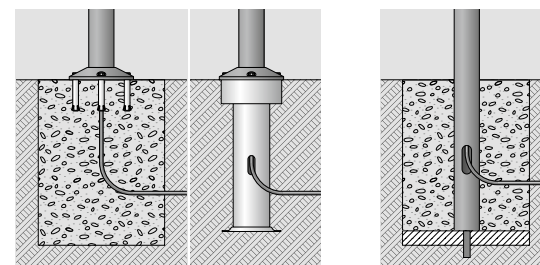
Our light building element tubes are optionally available with either a base plate or an anchorage section.

- **Light building element tubes with a base plate** are bolted directly onto an on-site foundation or onto an anchorage unit made of hot-dip galvanised steel. For installation on a foundation provided by the customer, general fasteners must also be provided by the customer. Anchorage units are accessories and must be ordered separately. Additional information can be found on Page 583.
- **Light building element tubes with an anchorage section** are installed directly in the soil. Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

Simply order the luminaire head and your preferred light building element tube to go with it. The two modules can be quickly and easily connected to one another during installation.

Light building element tube · BEGA Unidure®

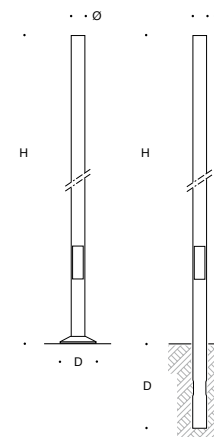
- Graphite – article number
- Silver – article number + A



Light building element tubes with base plate

Light building element tubes with anchorage section

Light building element tubes for system light building elements				Connection box	H	D	Anch. unit	
Ø 140	A	84 709	With base plate	Aluminium without components	71 084	3500	340	70 899
		84 708	With anchorage section	Aluminium without components	71 084	3500	800	—
	B	84 711	With base plate	Laminated wood + aluminium without components	71 084	3500	340	70 899
		84 710	With anchorage section	Laminated wood + aluminium without components	71 084	3500	800	—



Light building element tubes for system light building elements				Connection box	H	D	Anch. unit	Accessories				
Ø 170	A	84 713	With base plate	Aluminium without components	71 084	3900	340	70 899	—	—		
		84 712	With anchorage section	Aluminium without components	71 084	3900	800	—	—	—		
		84 719	With base plate	Laminated wood + aluminium without components	71 084	3900	340	70 899	—	—		
		84 718	With anchorage section	Laminated wood + aluminium without components	71 084	3900	800	—	—	—		
	B	84 715	With base plate	Aluminium with one floodlight	13.5 W · 1400 lm · β = 24°	71 084	3900	340	70 899	71 120	71 119	
		84 714	With anchorage section	Aluminium with one floodlight	13.5 W · 1400 lm · β = 24°	71 084	3900	800	—	71 120	71 119	
		C	84 717	With base plate	Aluminium with two floodlights	je 13.5 W · 1400 lm · β = 24°	71 084	3900	340	70 899	71 120	71 119
			84 716	With anchorage section	Aluminium with two floodlights	je 13.5 W · 1400 lm · β = 24°	71 084	3900	800	—	71 120	71 119

Accessories



Light building element tubes for system light building elements				Connection box	H	D	Anch. unit	Accessories				
Ø 220	A	84 721	With base plate	Aluminium without components	71 084	4300	420	71 219	—	—		
		84 720	With anchorage section	Aluminium without components	71 084	4300	1000	—	—	—		
		84 731	With base plate	Laminated wood + aluminium without components	71 084	4300	420	71 219	—	—		
		84 730	With anchorage section	Laminated wood + aluminium without components	71 084	4300	1000	—	—	—		
	B	84 723	With base plate	Aluminium with one floodlight	23.2 W · 2500 lm · β = 18°	71 084	4300	420	71 219	71 113	71 112	
		84 722	With anchorage section	Aluminium with one floodlight	23.2 W · 2500 lm · β = 18°	71 084	4300	1000	—	71 113	71 112	
		C	84 725	With base plate	Aluminium with two floodlights	je 23.2 W · 5000 lm · β = 18°	71 084	4300	420	71 219	71 113	71 112
			84 724	With anchorage section	Aluminium with two floodlights	je 23.2 W · 5000 lm · β = 18°	71 084	4300	1000	—	71 113	71 112

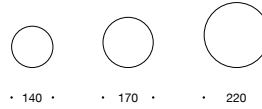
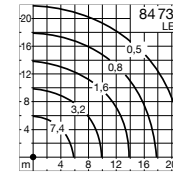
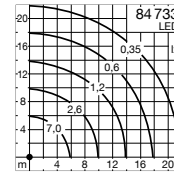
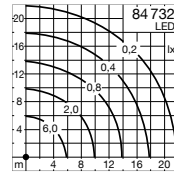
Accessories



β = Half beam angle

■ Diffuser lens · Flat beam

⊗ Louvres



BEGA system light building elements Unshielded light

BEGA system light building elements are a modular luminaire range – illuminating design elements for public spaces. They are ideal for dividing and structuring outdoor spaces, as well as guiding pedestrians and vehicles. Their attention-drawing power is considerably greater than that of pole-top luminaires. Light building elements can be used to serve the architectural structure or to highlight it spectacularly.

We can also supply these luminaires in safety class II as custom-made products. Luminaires for the illumination of squares, access roads, car parks and traffic-calmed zones.

Simply order the light building element head and your preferred light building element tube to go with it. The two modules can be quickly and easily connected to one another during installation.

The matching light building element tubes for this light building element head can be found at the top of the next Page. Additional information on all light building element tubes can be found on Page 453.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	6030 to 11 610 lm
Connected wattage	37.0 to 73.5 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cylinder translucent white	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

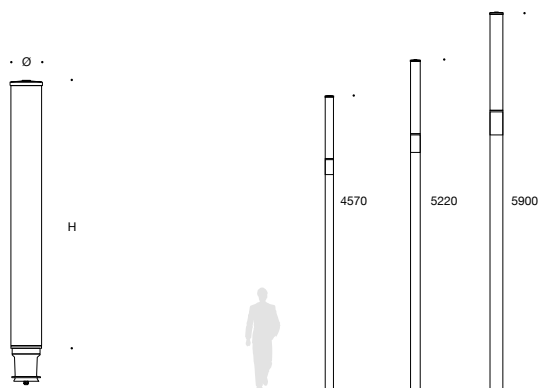


Aluminium without components

Laminated wood + aluminium without components

Aluminium with LED floodlight

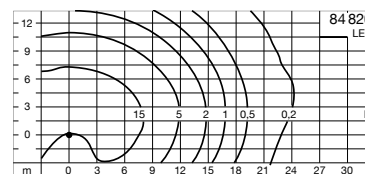
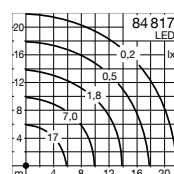
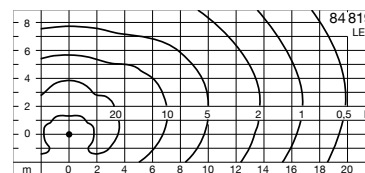
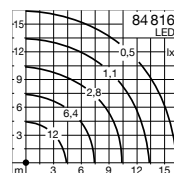
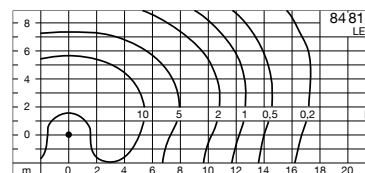
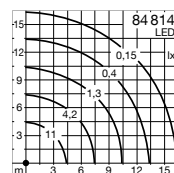
Aluminium with two LED floodlights



Light building element heads · Unshielded light

	LED	PSU		Ø	H	AC/DC
84 732	37.0 W	6030 lm	DALI	140	1070	✓
84 733	49.0 W	7880 lm	DALI	170	1320	✓
84 734	73.5 W	11 610 lm	DALI	220	1590	✓





BEGA system light building elements Symmetrical or asymmetrical flat beam light distribution

BEGA system light building elements are a modular luminaire range.

These are optionally available with symmetrical or asymmetrical flat beam light distribution and with different mounting heights. Luminaires for a wide range of applications in public spaces. Depending on the light distribution, they are suitable, for example, for illuminating squares, access roads, car parks and traffic-calmed zones.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Simply order the light building element head and your preferred light building element tube to go with it. The two modules can be quickly and easily connected to one another during installation.

The matching light building element tubes for this light building element head can be found at the top of the next Page. Additional information on all light building element tubes can be found on Page 453.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2360 to 6460 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	22.5 to 52.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cylinder, clear	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Symmetrical or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

Matching light building element tubes Page 453

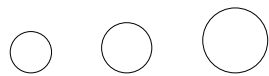


Aluminium
Without components

Laminated
wood + aluminium
Without components

Aluminium with
LED floodlights

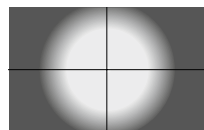
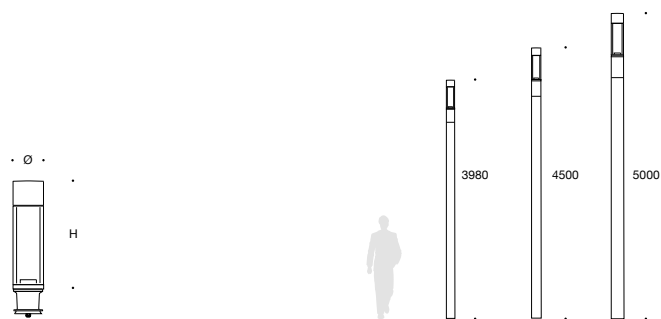
Aluminium with
two LED floodlights



• 140 •

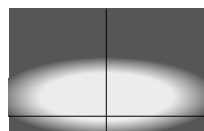
• 170 •

• 220 •



Light building element heads · **Symmetrical** light distribution

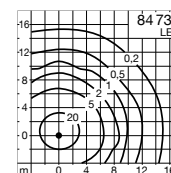
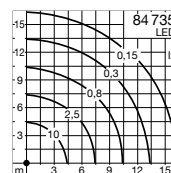
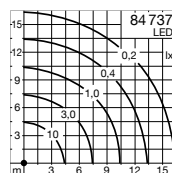
	LED	PSU	Ø	H	AC/DC
84 814	22.5 W 2440 lm	DALI	140	480	✓
84 816	33.0 W 3770 lm	DALI	170	600	✓
84 817	52.0 W 6460 lm	DALI	220	700	✓



Light building element heads · **Asymmetrical flat beam** light distribution

	LED	PSU	Ø	H	AC/DC
84 818	22.5 W 2360 lm	DALI	140	480	✓
84 819	33.0 W 3740 lm	DALI	170	600	✓
84 820	52.0 W 6395 lm	DALI	220	700	✓





BEGA system light building elements

Unshielded light · Symmetrical or asymmetrical flat beam light distribution

BEGA system light building elements are a modular luminaire range.

Luminaires with translucent white synthetic cover create an unshielded, symmetrical light distribution with pleasant visual comfort.

With a clear synthetic cover, they are optionally available with symmetrical or asymmetrical flat beam light distribution and a high degree of illuminance.

Luminaires for a wide range of applications in public spaces.

Depending on the light distribution, they are suitable, for example, for illuminating squares, access roads, car parks and traffic-calmed zones.

Simply order the light building element head and your preferred light building element tube to go with it.

The two modules can be quickly and easily connected to one another during installation.

The matching light building element tubes for this light building element head can be found at the top of the next page.

Additional information on all light building element tubes can be found on Page 453.

Power reduction accessories for luminaires with DALI interface and technical data for connection boxes can be found on Page 584.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2590 to 2705 lm

Connected wattage 25.8 W

Protection class IP 65

Safety class II

Cast aluminium, aluminium and stainless steel

Synthetic cover, translucent white or clear

84 735 · 84 736

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

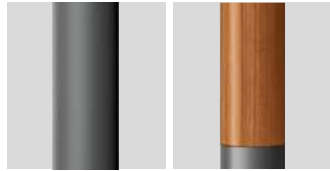
Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

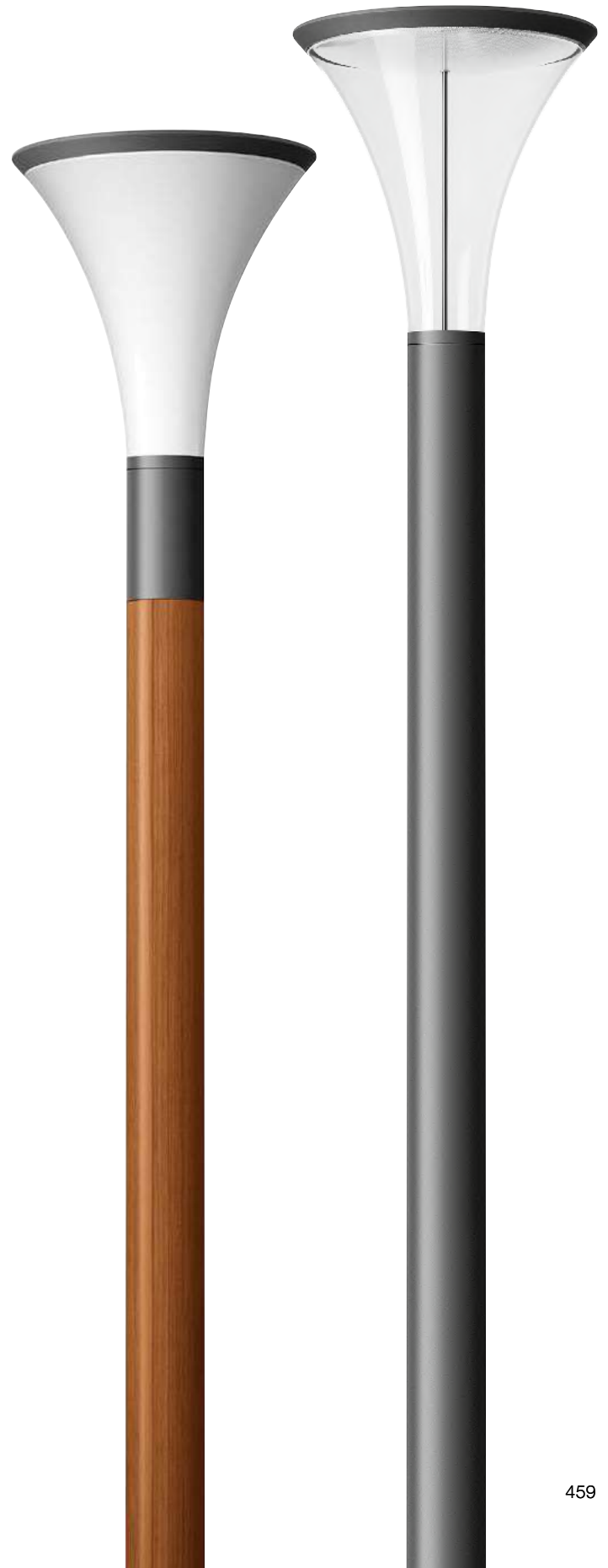
20-year availability guarantee for LED modules

Matching light building element tubes Page 453



Aluminium
Without components

Laminated
wood + aluminium
Without components



Light building element heads · **Translucent white** · Unshielded light

	LED	PSU		Ø	A	H	AC/DC
84 737	25.8 W	2705 lm	DALI	140	510	550	✓



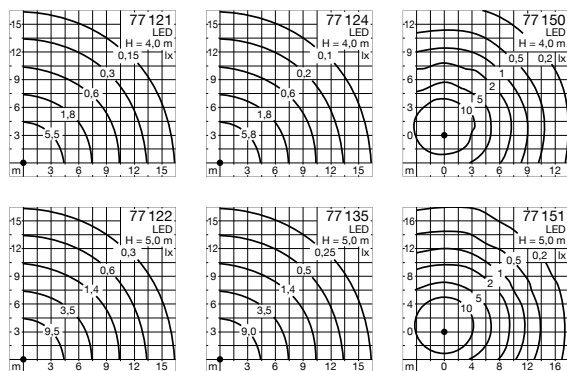
Light building element heads · **Clear** · Symmetrical light distribution

	LED	PSU		Ø	A	H	AC/DC
84 735	25.8 W	2610 lm	DALI	140	510	550	✓



Light building element heads · **Clear** · Asymmetrical flat beam light distribution

	LED	PSU		Ø	A	H	AC/DC
84 736	25.8 W	2590 lm	DALI	140	510	550	✓



Pole-top luminaires

Unshielded light, symmetrical or asymmetrical flat beam light distribution

Economical pole-top luminaires with different dimensions, outputs and light distributions:

- Luminaires with a translucent white synthetic cover are unshielded and characterised by symmetrical and uniformly soft light distribution.
- Luminaires with a clear synthetic cover are optionally available with either symmetrical or asymmetrical flat beam light distribution.

A luminaire group that is suitable, for example, for the energy-efficient illumination of paths, service roads, car parks and traffic-calmed zones.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

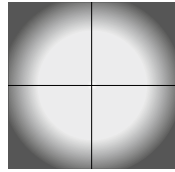
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

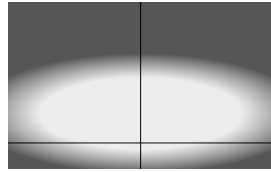
are available at all times in the instructions for use and data sheets on our website.

Luminaire data

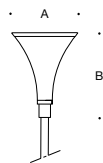
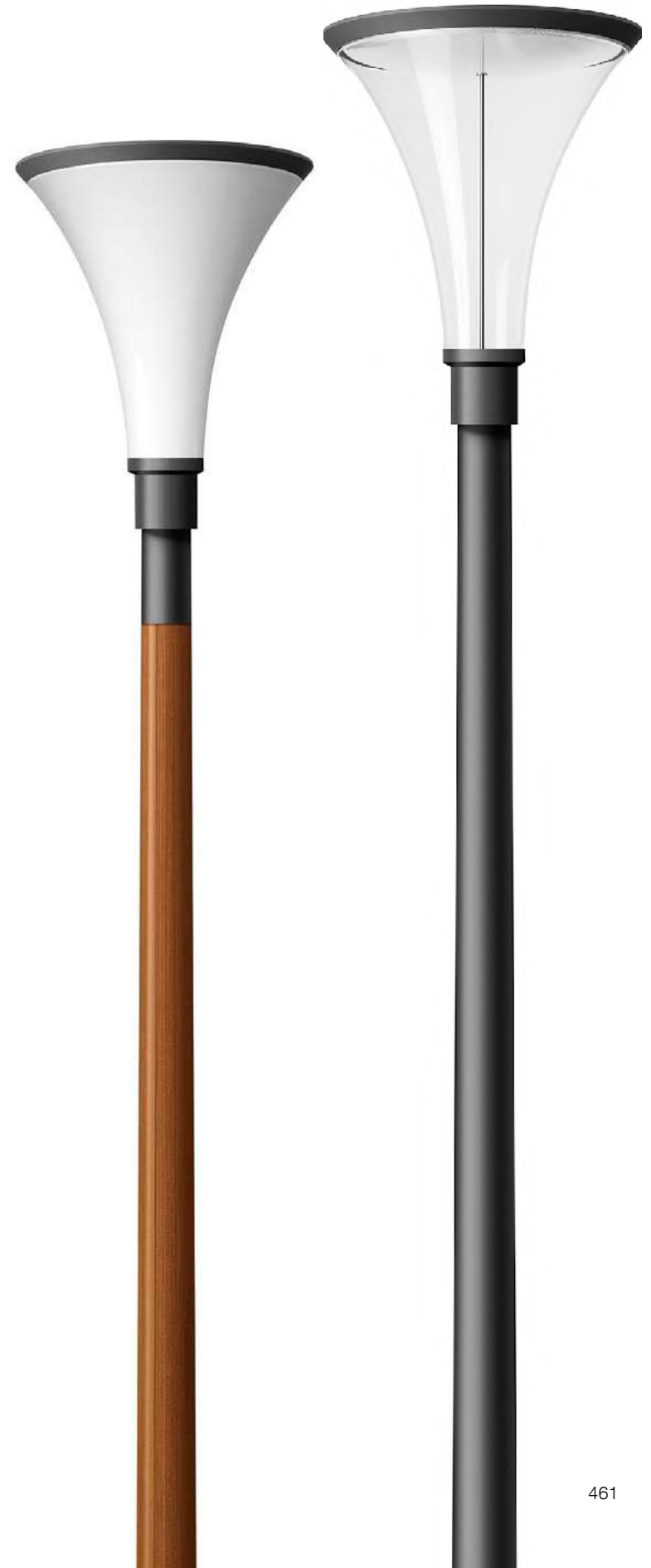
Luminaire luminous flux	1585 to 2705 lm
Connected wattage	18.0 · 25.8 W
Protection class	IP 65
Safety class	II
Cast aluminium, aluminium and stainless steel	
Synthetic cover translucent white or clear with reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Unshielded light, symmetrical or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Symmetrical



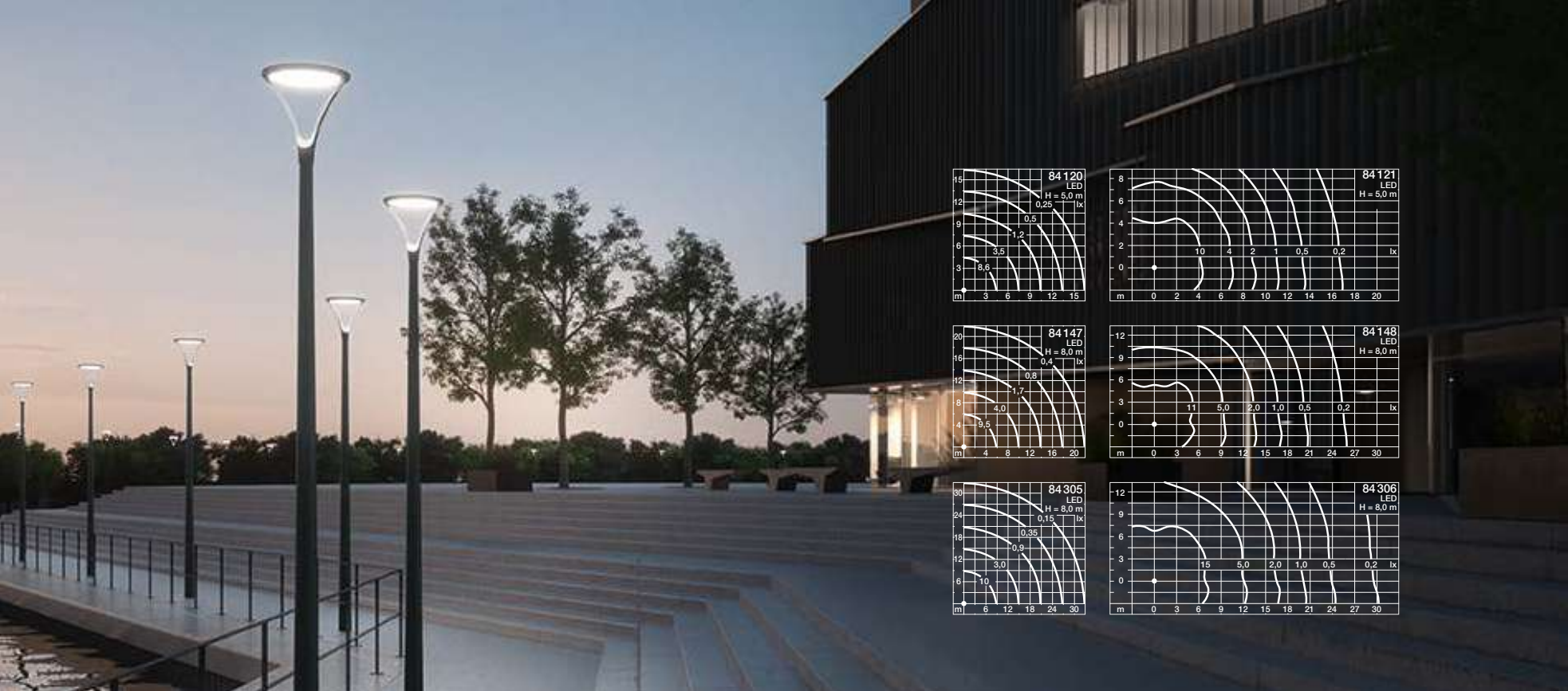
Asymmetrical flat beam



Unshielded light · Translucent white							Luminaire poles		
LED	PSU		A	B	AC/DC	Pole heights	Top	Groups	
77 121	18.0 W	1700 lm	DALI	390	490	✓	3500-5000	Ø 76	34 · 14 · 17 · 33 · 13
77 122	25.8 W	2705 lm	DALI	510	665	✓	4000-6000	Ø 76	34 · 14 · 17 · 73

Symmetrical light distribution · Clear							Luminaire poles		
LED	PSU		A	B	AC/DC	Pole heights	Top	Groups	
77 124	18.0 W	1590 lm	DALI	390	490	✓	3500-5000	Ø 76	34 · 14 · 17 · 33 · 13
77 135	25.8 W	2610 lm	DALI	510	665	✓	4000-6000	Ø 76	34 · 14 · 17 · 73

Asymmetrical flat beam light distribution · Clear							Luminaire poles		
LED	PSU		A	B	AC/DC	Pole heights	Top	Groups	
77 150	18.0 W	1585 lm	DALI	390	490	✓	3500-5000	Ø 76	34 · 14 · 17 · 33 · 13
77 151	25.8 W	2590 lm	DALI	510	665	✓	4000-6000	Ø 76	34 · 14 · 17 · 73



Pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Economical pole-top luminaires with different dimensions, outputs and light distributions, optionally available with:

- **symmetrical** or
- **asymmetrical flat beam** light distribution

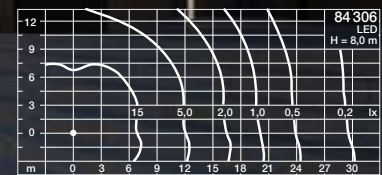
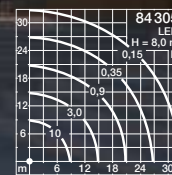
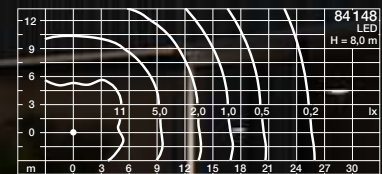
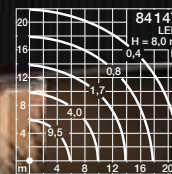
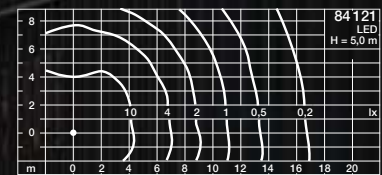
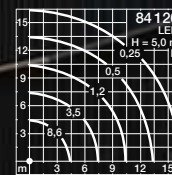
The luminaires boast high operating efficiency and a contemporary flat design. A luminaire concept whose light distribution, uniformity of light and energy efficiency are ideal for the illumination of residential streets, parking spaces and traffic-calmed areas.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

On request, we can also supply these luminaires with synthetic covers with an IK 10 impact protection rating. Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



Luminaire data

Luminaire luminous flux 2490 to 8940 lm

Luminous flux in the upper half-space < 1%

Connected wattage 25.8 to 112.0 W

Protection class IP 65

Safety class II

Cast aluminium, aluminium and stainless steel

Synthetic cover with optical texture

Reflector made of pure anodised aluminium

DALI-controllable power supply units

BEGA Thermal Management®

Symmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000K – article number + **K3**

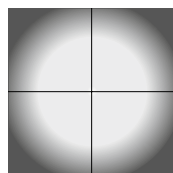
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

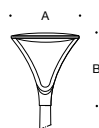
20-year availability guarantee for LED modules



Symmetrical



Asymmetrical flat beam



Symmetrical light distribution

	LED	PSU	A	B	AC/DC
84 120	25.8 W 2670 lm	DALI	525	560	✓
84 147	51.6 W 5100 lm	DALI	750	820	✓
84 305	112.0 W 8940 lm	DALI	750	820	✓

Luminaire poles

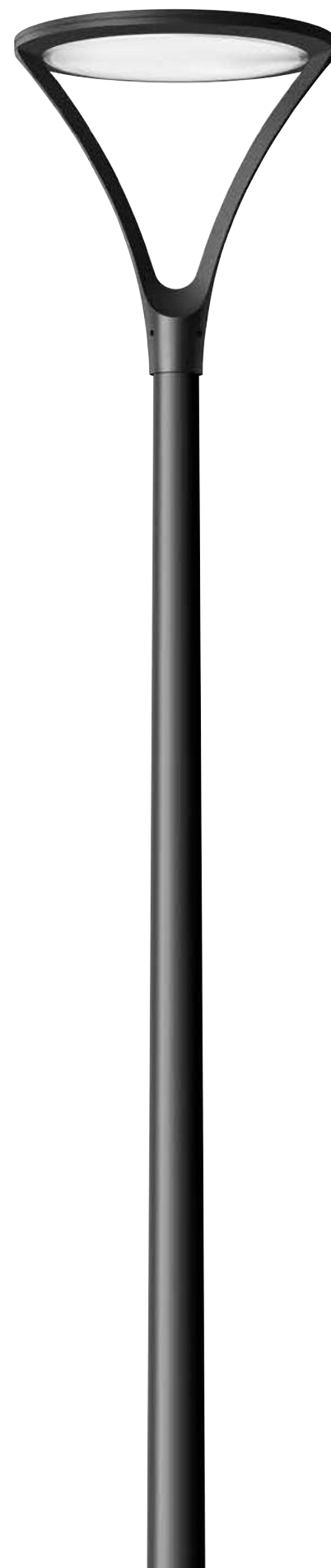
Pole heights	Top	Groups
4000-6000	Ø76	34 · 14 · 72 · 17 · 33 · 13
5000-9000	Ø76	34 · 14 · 72 · 17
5000-9000	Ø76	34 · 14 · 72 · 17

Asymmetrical flat beam light distribution

	LED	PSU	A	B	AC/DC
84 121	25.8 W 2490 lm	DALI	525	560	✓
84 148	51.6 W 4930 lm	DALI	750	820	✓
84 306	112.0 W 8270 lm	DALI	750	820	✓

Luminaire poles

Pole heights	Top	Groups
4000-6000	Ø76	34 · 14 · 72 · 17 · 33 · 13
5000-9000	Ø76	34 · 14 · 72 · 17
5000-9000	Ø76	34 · 14 · 72 · 17





Pole-top luminaires Symmetrical light distribution

The two pole-top luminaires with symmetrical light distribution will convince you thanks to their high level of operating efficiency and their modern flat appearance. A luminaire concept whose light distribution, uniformity of light and energy efficiency are ideal for the illumination of residential streets, parking spaces and traffic-calmed areas.

We can supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1810 to 2870 lm

Connected wattage 19.0 · 27.5 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cover with white light-diffusing matt finish

DALI-controllable power supply units

BEGA Thermal Management®

Symmetrical light distribution

LED colour temperature

3000 K – article number + **K3**

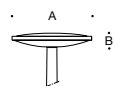
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

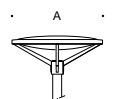
■ Silver – article number + **A**

20-year availability guarantee for LED modules



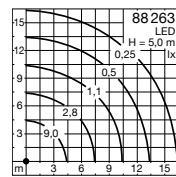
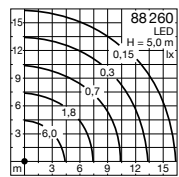
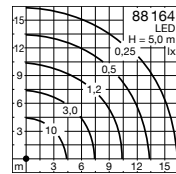
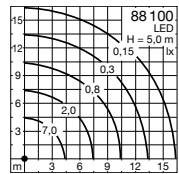
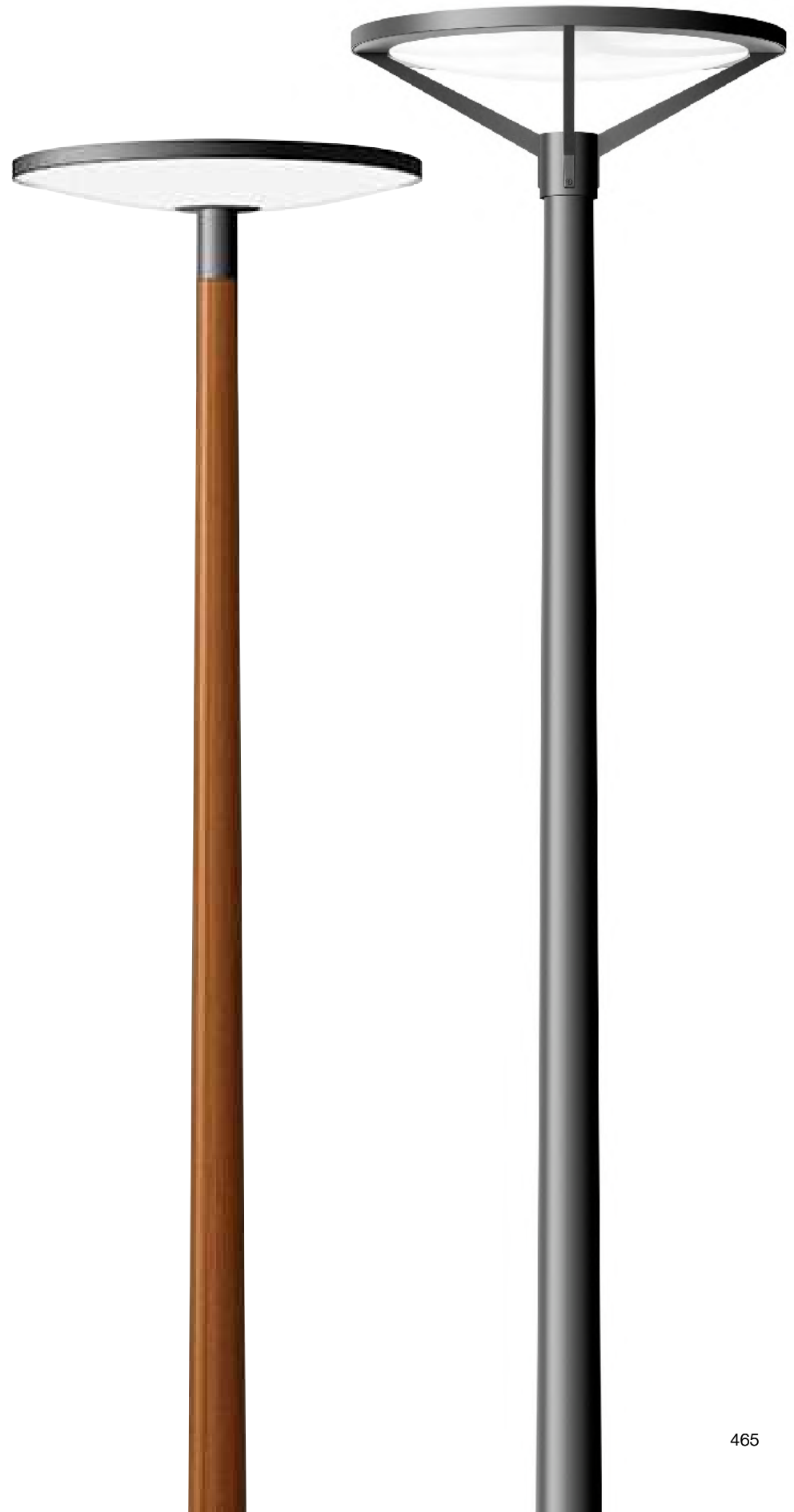
Symmetrical light distribution

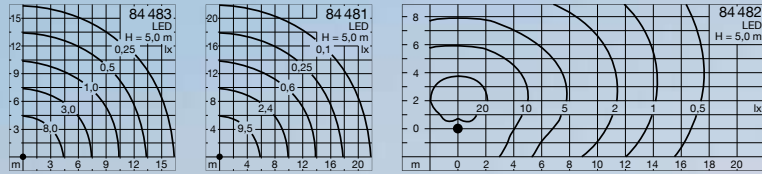
	LED					Luminaire poles			
	LED	PSU	A	B	AC/DC	Pole heights	Top	Groups	
88 100	19.0 W	1910 lm	DALI	615	130	✓	4000-5000	Ø76	34 · 14 · 17 · 33 · 13
88 164	27.5 W	2870 lm	DALI	615	130	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13



Symmetrical light distribution

	LED					Luminaire poles			
	LED	PSU	A	B	AC/DC	Pole heights	Top	Groups	
88 260	19.0 W	1810 lm	DALI	700	320	✓	4000-5000	Ø76	34 · 14 · 17 · 33 · 13
88 263	27.5 W	2700 lm	DALI	700	320	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13





Pole-top luminaires

Unshielded light, symmetrical or asymmetrical flat beam light distribution

Economical pole-top luminaires with different light distributions.

- Luminaires with a **translucent white** synthetic cover produce rotationally symmetrical unshielded light and are characterised by a high degree of uniformity. The vertical degree of illuminance also makes for pleasant visual comfort.
- Luminaires with a **clear** synthetic cover are optionally available with either symmetrical or asymmetrical flat beam light distribution.

Luminaires for a wide range of applications, such as streets, pedestrian areas, paths in parks, and traffic-calmed zones.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2970 to 3600 lm
Connected wattage	27.0 W
Protection class	IP 65

Cast aluminium, aluminium and stainless steel
 Synthetic cover translucent white or clear with reflector surface made of pure aluminium

BEGA Ultimate Driver® · DALI-controllable

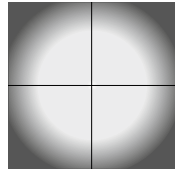
BEGA Thermal Management®

Unshielded light, symmetrical or asymmetrical flat beam light distribution

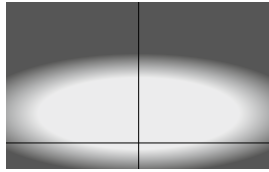
LED colour temperature
 3000K – article number + **K3**
 4000K – article number + **K4**

Luminaire colour · BEGA Unidure®
 ■ Graphite – article number
 ■ Silver – article number + **A**

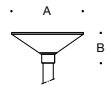
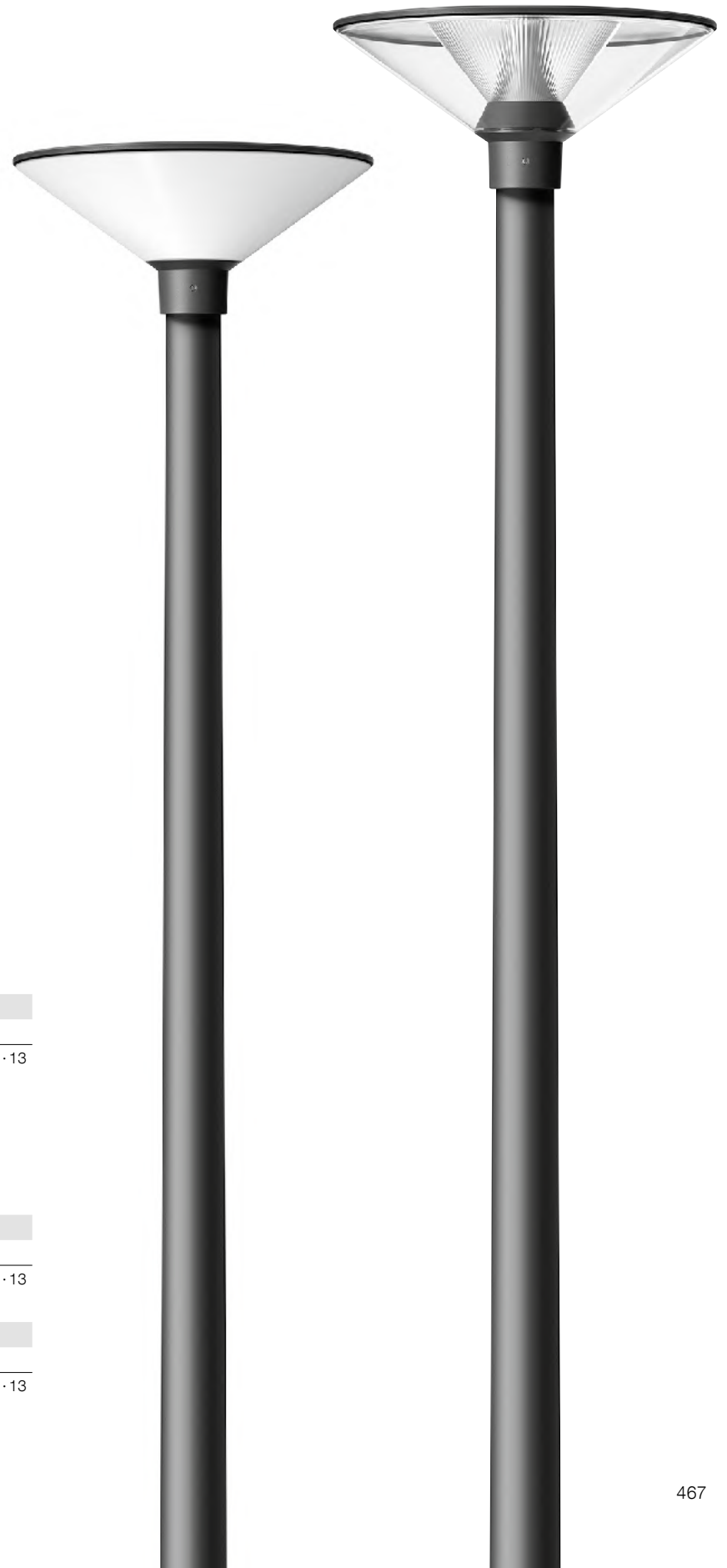
20-year availability guarantee for LED modules



Symmetrical

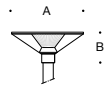


Asymmetrical flat beam



Unshielded light · Translucent white

	LED	PSU	A	B	AC/DC	Luminaire poles		
						Pole heights	Top	Groups
84 483	27.0 W	2970 lm	DALI	500	230	✓	4000-6000	Ø76 34·14·17·33·13

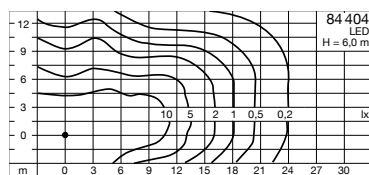
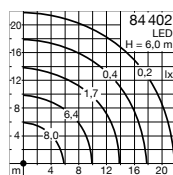
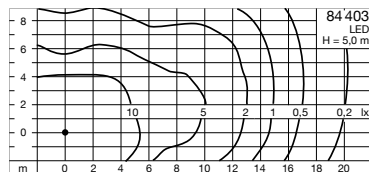
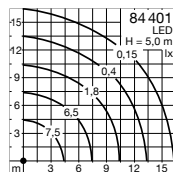


Symmetrical light distribution · Clear

	LED	PSU	A	B	AC/DC	Luminaire poles		
						Pole heights	Top	Groups
84 481	27.0 W	3600 lm	DALI	500	230	✓	4000-6000	Ø76 34·14·17·33·13

Asymmetrical flat beam light distribution · Clear

	LED	PSU	A	B	AC/DC	Luminaire poles		
						Pole heights	Top	Groups
84 482	27.0 W	3010 lm	DALI	500	230	✓	4000-6000	Ø76 34·14·17·33·13



Pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with different outputs and light distributions, optionally available with:

- **symmetrical** or
- **asymmetrical flat beam** light distribution

Luminaires for a wide range of applications, such as streets, pedestrian areas, paths in parks, and traffic-calmed zones.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2270 to 4040 lm

Luminous flux in the upper half-space < 1%

Connected wattage 25.4 to 57.5 W

Protection class IP 65

Safety class II

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Symmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

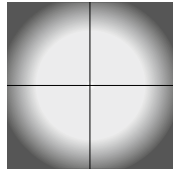
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

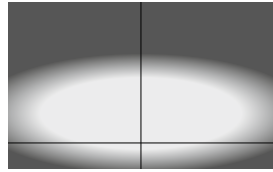
■ Graphite – article number

■ Silver – article number + **A**

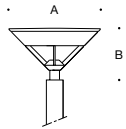
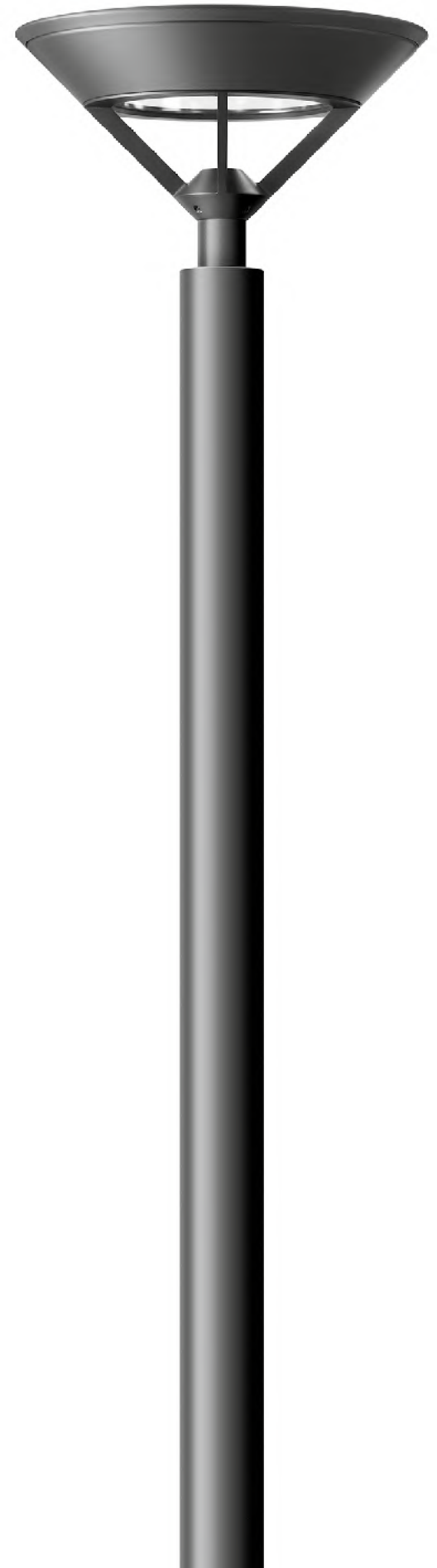
20-year availability guarantee for LED modules



Symmetrical



Asymmetrical flat beam



Symmetrical light distribution

	LED	PSU	A	B	AC/DC
84 401	25.4 W	2270 lm	DALI	710 360	✓
84 402	52.7 W	3915 lm	DALI	710 360	✓

Luminaire poles

Pole heights	Top	Groups
4000 - 6000	Ø 76	34 · 14 · 17 · 32 · 12 · 16
4000 - 6000	Ø 76	34 · 14 · 17 · 32 · 12 · 16

Asymmetrical flat beam light distribution

	LED	PSU	A	B	AC/DC
84 403	25.8 W	2605 lm	DALI	710 360	✓
84 404	57.5 W	4040 lm	DALI	710 360	✓

Luminaire poles

Pole heights	Top	Groups
4000 - 6000	Ø 76	34 · 14 · 17 · 32 · 12 · 16
4000 - 6000	Ø 76	34 · 14 · 17 · 32 · 12 · 16



Pole-top luminaires

Symmetrical light distribution

Pole-top luminaires with different light distributions:

- Luminaires with a **translucent white** synthetic cover are unshielded and characterised by symmetrical and uniformly soft light distribution.
- Luminaires with a **clear** synthetic cover and an internal lamellar reflector emit a brilliant, directed light with a symmetrical light distribution.

For illuminating paths, streets, parking spaces, driveways and traffic-calmed areas.

We can also supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

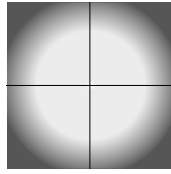
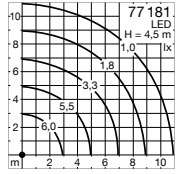
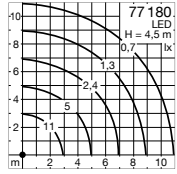
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

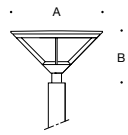
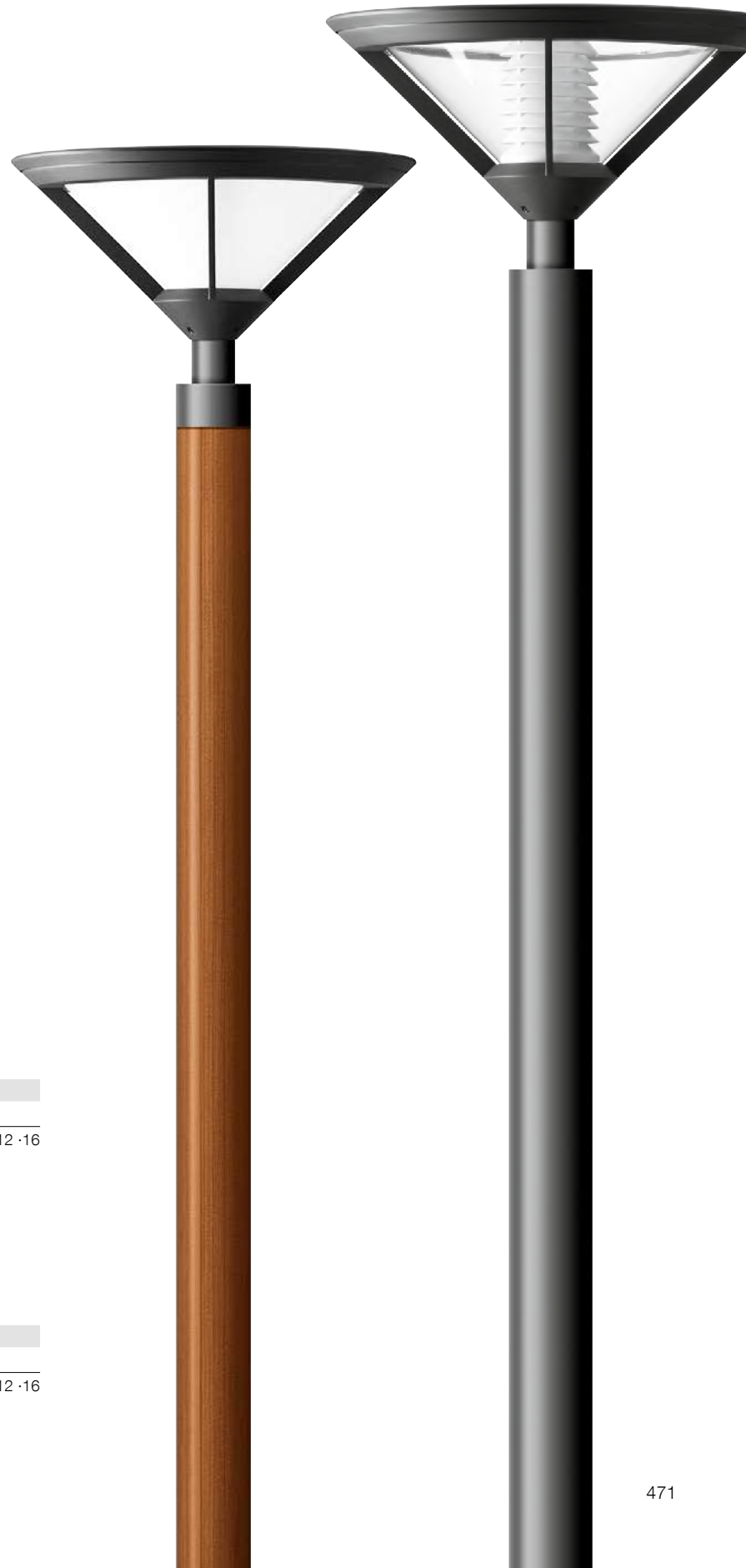
Luminaire data

Luminaire luminous flux	2125 · 2495 lm
Connected wattage	26.6 W
Protection class	IP 54
Cast aluminium, aluminium and stainless steel	
Synthetic cover translucent white or clear with lamellar reflector	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Symmetrical light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	





Symmetrical

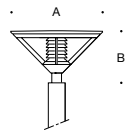


Unshielded light · Translucent white

	LED	PSU	A	B	AC/DC
77 180	26.6 W	2495 lm	DALI	710 360	✓

Luminaire poles

Pole heights	Top	Groups
3500-5000	Ø76	34 · 14 · 17 · 32 · 12 · 16



Symmetrical light distribution · Clear with lamellar reflector

	LED	PSU	A	B	AC/DC
77 181	26.6 W	2125 lm	DALI	710 360	✓

Luminaire poles

Pole heights	Top	Groups
3500-5000	Ø76	34 · 14 · 17 · 32 · 12 · 16



Pole-top luminaires
Adjustable light distribution

The light from the built-in performance floodlight is deflected by the top reflector. This deflection has the effect of distributing the light in an extremely soft and uniform way, effectively removing glare. The top reflector is adjustable from 0° to 30°. This means that the light distribution can be selected infinitely from 0° rotationally symmetrical to 30° asymmetrically. Luminaires for streets, open spaces and squares, for lighting scenarios in which high uniformity and low glare are required.

We can supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

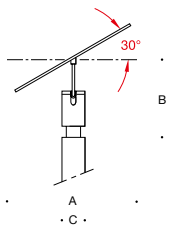
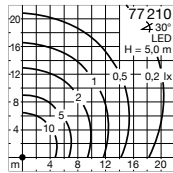
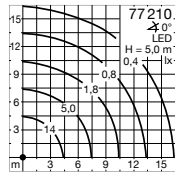
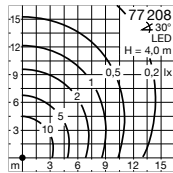
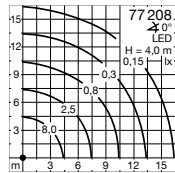
Luminaire luminous flux	3210 · 3770 lm
Connected wattage	39.7 · 46.7 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Adjustable light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Silver	
20-year availability guarantee for LED modules	



Symmetrical

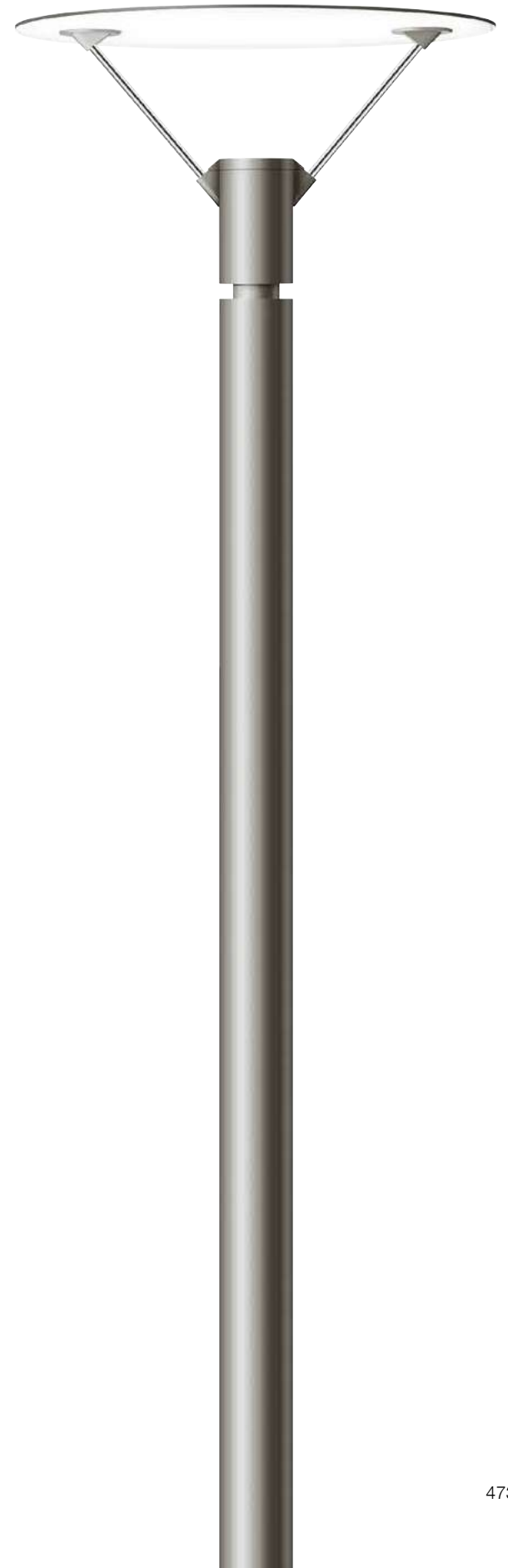


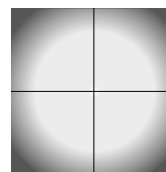
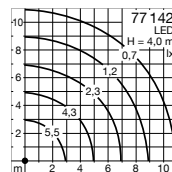
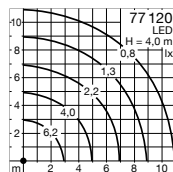
Asymmetrical



Adjustable light distribution							Luminaire poles			
	LED	PSU	A	B	C	AC/DC	Pole heights	Top	Groups	
77208	39.7 W	3210 lm	DALI	800	500	140	✓	3500 - 4000	Ø 76	32 · 12
77210	46.7 W	3770 lm	DALI	1000	575	170	✓	4000 - 5000	Ø 76	32* · 12*

*For static reasons, only poles 70731 and 70734 may be used for these luminaires.





Symmetrical

Pole-top luminaires Symmetrical light distribution

Pole-top luminaires with different light distributions:

- Luminaires with a **translucent white** synthetic cover are unshielded and characterised by symmetrical and uniformly soft light distribution.
- Luminaires with a **clear** synthetic cover and an internal lamellar reflector emit a brilliant, directed light with a symmetrical light distribution.

For illuminating paths, streets, parking spaces and traffic-calmed areas.

We can also supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

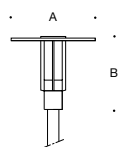
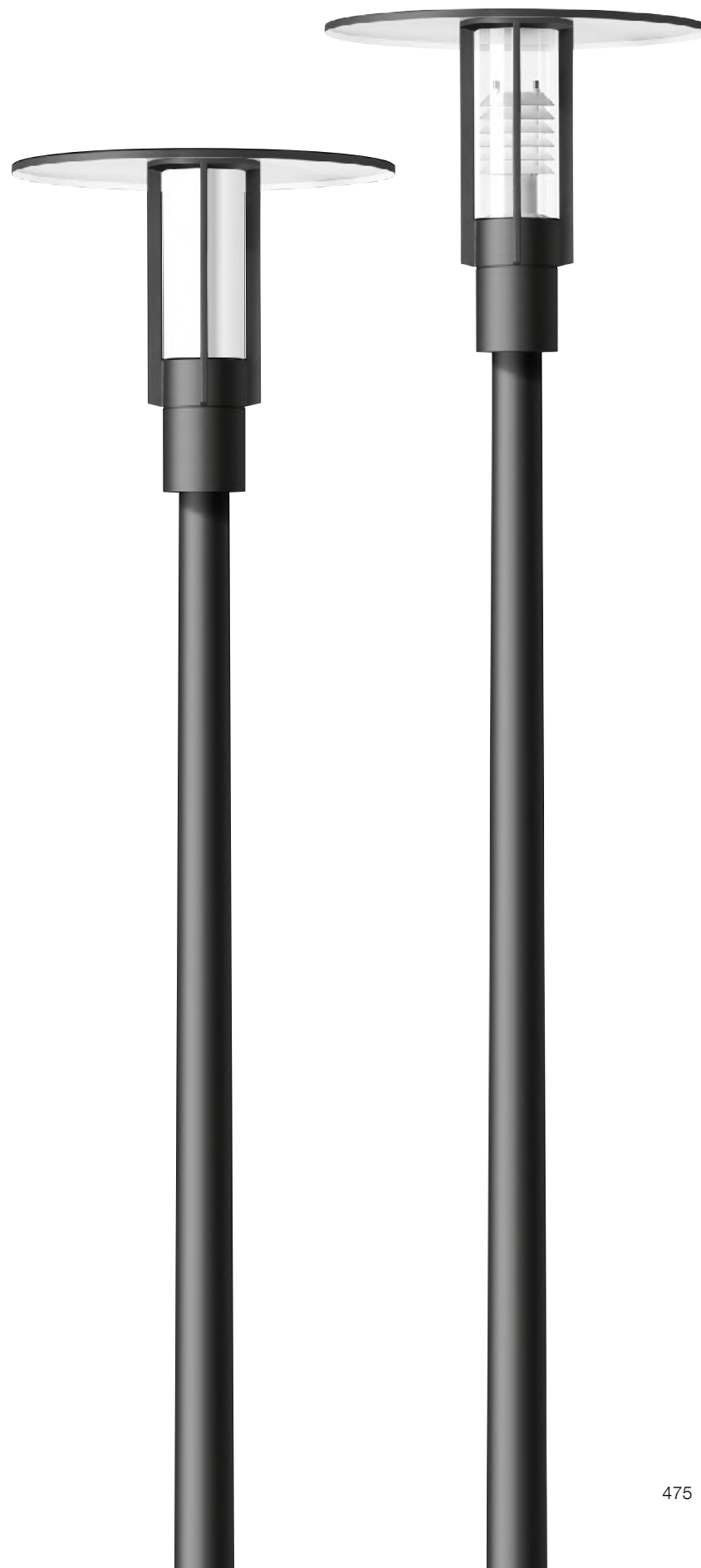
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1835 · 2875 lm
Connected wattage	25.5 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cylinder white or clear with lamellar reflector	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Symmetrical light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	

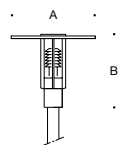


Unshielded light · Translucent white

	LED	PSU	A	B	AC/DC
77 120	25.5 W	2875 lm	DALI	650 600	✓

Luminaire poles

Pole heights	Top	Groups
4000-6000	Ø76	34 · 14 · 17 · 73

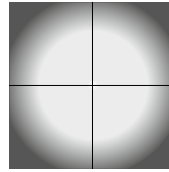


Symmetrical light distribution · Clear with lamellar reflector

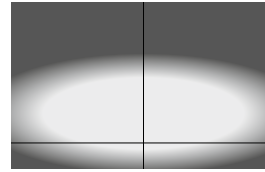
	LED	PSU	A	B	AC/DC
77 142	25.5 W	1835 lm	DALI	650 600	✓

Luminaire poles

Pole heights	Top	Groups
4000-6000	Ø76	34 · 14 · 17 · 73



Symmetrical



Asymmetrical flat beam

Pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with different dimensions, outputs and light distributions, optionally with:

- **symmetrical** or
- **asymmetrical flat beam** light distribution.

Pole-top luminaires for the energy-efficient illumination of residential streets, car parks and traffic-calmed areas.

The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

We can also supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

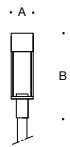
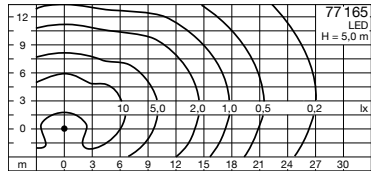
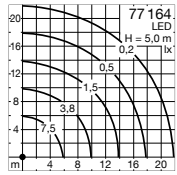
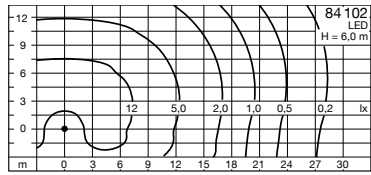
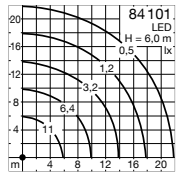
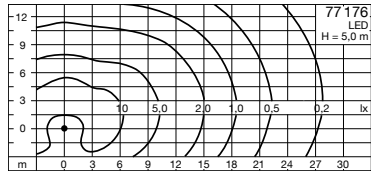
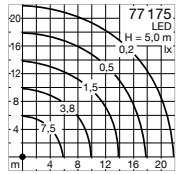
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	3505 to 6460 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	33.0 - 52.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Synthetic cylinder, clear	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Symmetrical or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Symmetrical light distribution

	LED	PSU	A	B	AC/DC
77 175	33.0 W	3770 lm	DALI	170 660	✓
84 101	52.0 W	6460 lm	DALI	220 875	✓

Luminaire poles

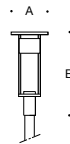
Pole heights	Top	Groups
3500 - 6000	Ø 76	34 · 14 · 17 · 33 · 13
5000 - 7000	Ø 76	34 · 14 · 17 · 72

Asymmetrical flat beam light distribution

	LED	PSU	A	B	AC/DC
77 176	33.0 W	3740 lm	DALI	170 660	✓
84 102	52.0 W	6395 lm	DALI	220 875	✓

Luminaire poles

Pole heights	Top	Groups
3500 - 6000	Ø 76	34 · 14 · 17 · 33 · 13
5000 - 7000	Ø 76	34 · 14 · 17 · 72



Symmetrical light distribution

	LED	PSU	A	B	AC/DC
77 164	33.0 W	3535 lm	DALI	260 660	✓

Luminaire poles

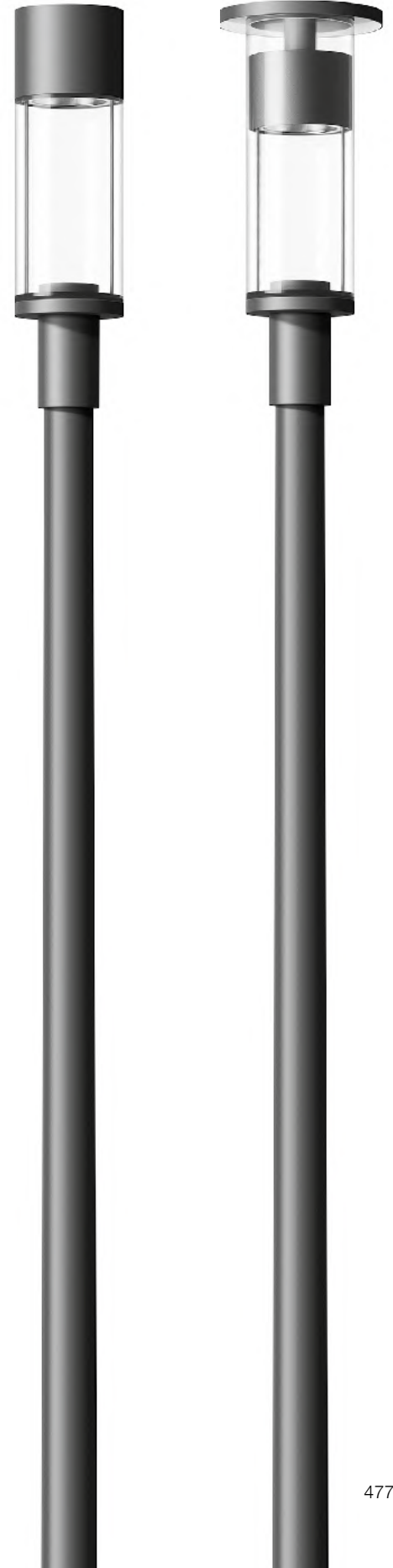
Pole heights	Top	Groups
3500 - 6000	Ø 76	34 · 14 · 17 · 33 · 13

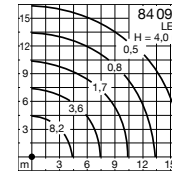
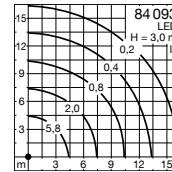
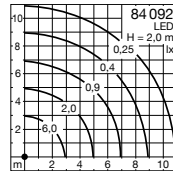
Asymmetrical flat beam light distribution

	LED	PSU	A	B	AC/DC
77 165	33.0 W	3505 lm	DALI	260 660	✓

Luminaire poles

Pole heights	Top	Groups
3500 - 6000	Ø 76	34 · 14 · 17 · 33 · 13





The sphere · Pole-top luminaires Unshielded light

The sphere, in its many different forms, is a classic among unshielded luminaires. This timeless luminaire design has lost none of its topicality. These luminaires have been integral components of our outdoor and indoor luminaire ranges for decades. They create unshielded light with a high degree of uniformity and ensure good visual comfort on pathways, in parks, gardens, driveways, traffic-calmed areas and car parks.

We supply the luminaires with built-in LED modules or as an E 27 screw base version with corresponding LED lamp.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

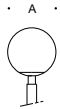
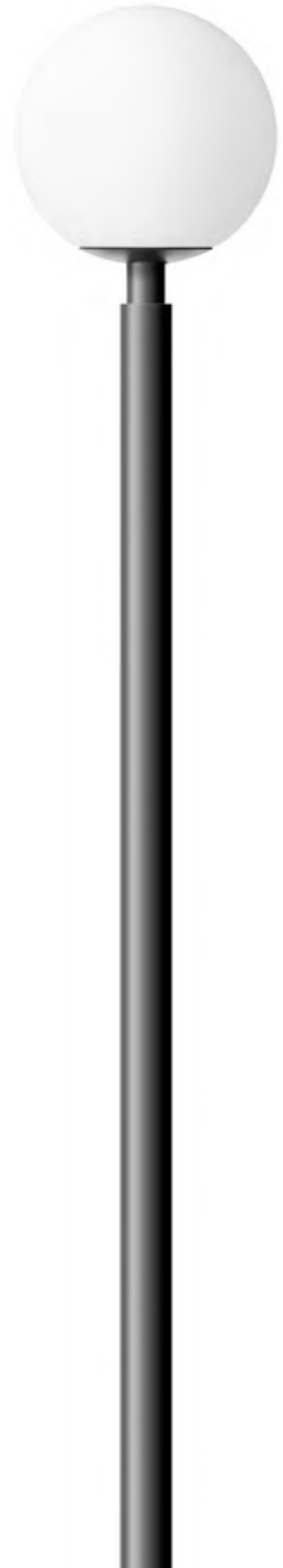
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management®

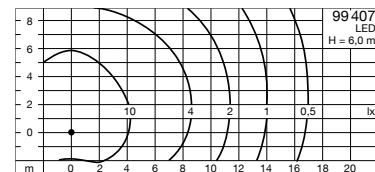
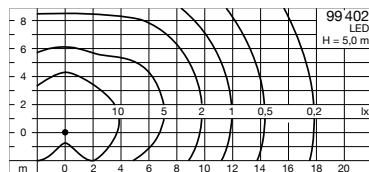
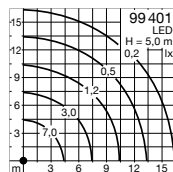
are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1215 to 6785 lm
Connected wattage	12.0 to 54.6 W
Protection class	IP 65
99 282 Protection class	IP 44
Cast aluminium, aluminium and stainless steel	
Synthetic sphere, white	
Luminaires with a BEGA LED module: DALI-controllable power supply units BEGA Thermal Management®	
Unshielded light	
Colour temperature for LED modules 3000K – article number + K3 4000K – article number + K4	
LED lamps · Colour temperature 3000K are included in the delivery	
Luminaire colour · BEGA Unidure®	
■ Graphite	– article number
■ Silver	– article number + A
20-year availability guarantee for LED modules	



Unshielded light						Luminaire poles		
	LED		PSU	A	AC/DC	Pole heights	Top	Groups
84 092	14.4 W	1975 lm	DALI	Ø350	✓	2000	Ø60	32 · 12
84 093	30.8 W	4075 lm	DALI	Ø450	✓	3000	Ø60	32 · 12
84 094	54.6 W	6785 lm	DALI	Ø550	✓	4000	Ø76	32 · 12 · 16
	LED lamp included		Base					
99 282	12.0 W	1215 lm	E 27	Ø300	—	1700	Ø48	31 · 11
84 416	12.0 W	1300 lm	E 27	Ø350	—	3000	Ø60	32 · 12



Pole-top luminaires

Symmetrical or asymmetrical flat beam light distribution

Pole-top luminaires with different dimensions, outputs and light distributions, optionally with:

- **symmetrical** or
- **asymmetrical flat beam** light distribution.

Ready-to-install pole-top luminaires in a single or double arrangement for the energy-efficient illumination of residential streets, car parks and traffic-calmed areas. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

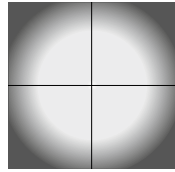
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Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

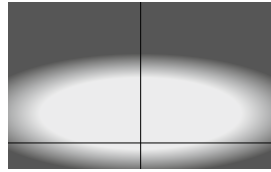
information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

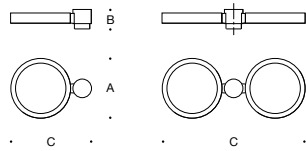
Luminaire luminous flux	1855 to 6750 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	18.5 to 52.8 W
Protection class	IP 65
Safety class	II
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector made of pure anodised aluminium	
DALI-controllable power supply units.	
BEGA Thermal Management®	
Symmetrical or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Symmetrical



Asymmetrical flat beam



Symmetrical light distribution

	LED		PSU		A	B	C	AC/DC
99 401	18,5 W	1865 lm	DALI	Single	300	100	410	✓
99 403	37,0 W	3730 lm	DALI	Double	300	100	720	✓

Luminaire poles

Pole heights	Top	Groups
4000 - 5000	Ø 76	34 · 14 · 17 · 33 · 13
4000 - 5000	Ø 76	34 · 14 · 17 · 33 · 13

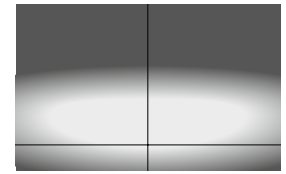
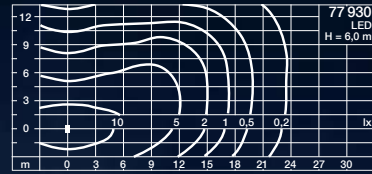
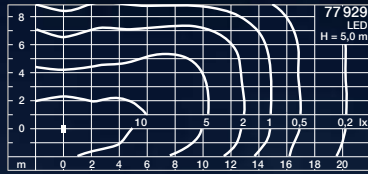
Asymmetrical flat beam light distribution

	LED		PSU		A	B	C	AC/DC
99 402	18,5 W	1855 lm	DALI	Single	300	100	410	✓
99 407	26,4 W	3375 lm	DALI	Single	470	70	610	✓
99 462	37,0 W	3710 lm	DALI	Double	300	100	720	✓
99 408	52,8 W	6750 lm	DALI	Double	470	70	1125	✓

Luminaire poles

Pole heights	Top	Groups
4000 - 5000	Ø 76	34 · 14 · 17 · 33 · 13
4000 - 6000	Ø 76	34 · 14 · 17 · 33 · 13
4000 - 5000	Ø 76	34 · 14 · 17 · 33 · 13
4000 - 6000	Ø 76	34 · 14 · 17 · 33 · 13





Asymmetrical flat beam



Pole-top luminaires

Asymmetrical flat beam light distribution

The light distribution of these luminaires is particularly suitable for illuminating streets in accordance with EN 13201. Luminaires for the energy-efficient illumination of driveways, residential and trunk roads. Pole-top luminaires ready for installation, for single or double arrangements.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

We can also supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2445 to 7340 lm

Luminous flux in the upper half-space < 1%

Connected wattage 18.5 to 52.0 W

Protection class IP 66

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Luminaires can be opened without tools

DALI-controllable power supply units

BEGA Thermal Management®

Asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

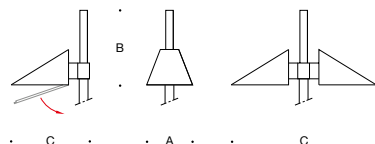
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

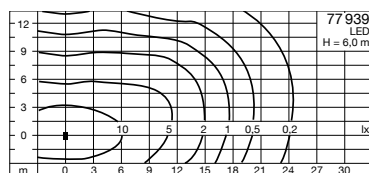
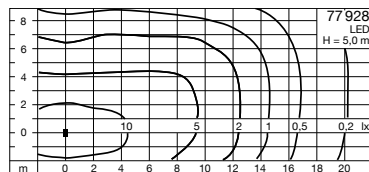


Asymmetrical flat beam light distribution

	LED		PSU		A	B	C	AC/DC
77 929	18,5 W	2445 lm	DALI	Single	350	585	645	✓
77 930	26,0 W	3670 lm	DALI	Single	350	585	645	✓
84 242	37,0 W	4890 lm	DALI	Double	350	585	1200	✓
84 243	52,0 W	7340 lm	DALI	Double	350	585	1200	✓

Luminaire poles

Pole heights	Top	Groups
3000 - 6000	Ø76	34 · 14 · 17 · 72
3000 - 6000	Ø76	34 · 14 · 17 · 72
3000 - 6000	Ø76	34 · 14 · 72
3000 - 6000	Ø76	34 · 14 · 72



Asymmetrical flat beam

Pole-top luminaires Asymmetrical flat beam light distribution

Pole-top luminaires with asymmetrical flat beam light distribution for different light outputs – for the illumination of streets, squares, driveways and pedestrian zones. The light distribution is particularly suitable for illuminating streets in accordance with EN 13201. The attack angle of the luminaires can be adjusted to the surface to be illuminated.

Pole-top luminaires ready for installation, for single or double arrangements.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

We can also supply these luminaires in safety class II as custom-made products.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2365 to 7060 lm

Luminous flux in the upper half-space < 1%

Connected wattage 18.5 to 52.0 W

Protection class IP 66

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Luminaires can be opened without tools

Attack angle adjustable in 10° increments up to 90°

DALI-controllable power supply units

BEGA Thermal Management®

Asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

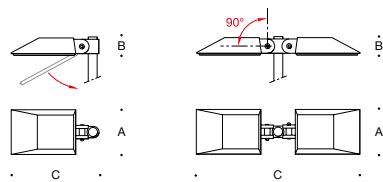
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

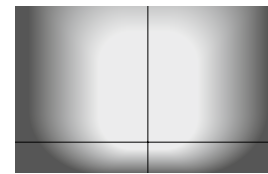
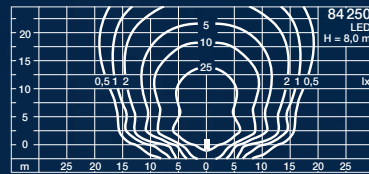
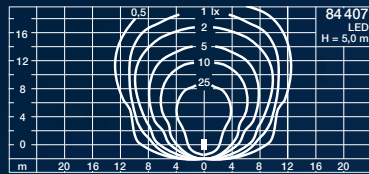
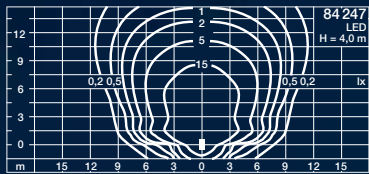


Asymmetrical flat beam light distribution

	LED		PSU		A	B	C	AC/DC
77 928	18,5 W	2365 lm	DALI	Single	290	110	650	✓
77 939	26,0 W	3530 lm	DALI	Single	290	110	650	✓
84 123	37,0 W	4730 lm	DALI	Double	290	110	1200	✓
84 124	52,0 W	7060 lm	DALI	Double	290	110	1200	✓

Luminaire poles

Pole heights	Top	Groups
4000 - 6000	Ø76	34 · 14 · 17 · 72
4000 - 6000	Ø76	34 · 14 · 17 · 72
4000 - 6000	Ø76	34 · 14 · 17 · 72
4000 - 6000	Ø76	34 · 14 · 17 · 72



Asymmetrical



Pole-top luminaires

Asymmetrical light distribution

Pole-top luminaires with asymmetrical light distribution for different light outputs – for the illumination of streets, squares, driveways and pedestrian zones.

Using the adjustable attack angle of the luminaire housings, the light distribution can be adjusted exactly to the surface to be illuminated.

Luminaires ready for installation, for single or double arrangements.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 3350 to 21 050 lm

Luminous flux in the upper half-space < 1%

Connected wattage 25.0 to 216.0 W

Protection class IP 66

Cast aluminium, aluminium and stainless steel

Safety glass

Reflector made of pure anodised aluminium

Attack angle adjustable from up to 90° in 10° increments

DALI-controllable power supply units

BEGA Thermal Management®

Asymmetrical light distribution

LED colour temperature

3000 K – article number + **K3**

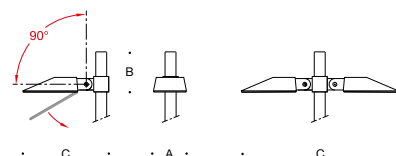
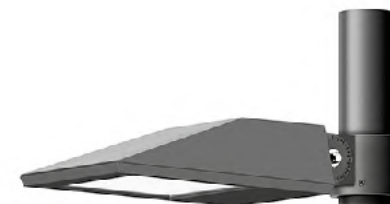
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



Asymmetrical light distribution									Luminaire poles		
	LED		PSU		A	B	C	AC/DC	Pole heights	Top	Groups
84 247	25,0 W	3350 lm	DALI	Single	225	290	545	✓	4000 - 5000	Ø76	34 · 14 · 17 · 72
84 407	60,5 W	6675 lm	DALI	Single	225	290	545	✓	4000 - 6000	Ø76	34 · 14 · 17 · 72
84 250	108,0 W	10525 lm	DALI	Single	315	290	630	✓	6000 - 8000	Ø76	34 · 17 · 72
84 248	50,0 W	6700 lm	DALI	Double	225	290	1000	✓	4000 - 5000	Ø76	34 · 14 · 17 · 72
84 249	121,0 W	13350 lm	DALI	Double	225	290	1000	✓	4000 - 6000	Ø76	34 · 14 · 17 · 72
84 251	216,0 W	21 050 lm	DALI	Double	315	290	1200	✓	6000 - 8000	Ø76	34 · 17 · 72



Pole-top luminaires

Asymmetrical light distribution

These pole-top luminaires with asymmetrical light distribution are part of a new group of luminaires that also includes light building elements and floodlights.

They are particularly suitable for providing spatial illumination of surfaces, squares and parking spaces.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

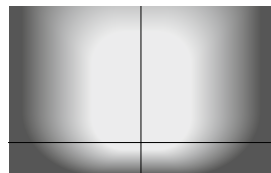
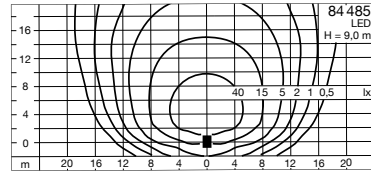
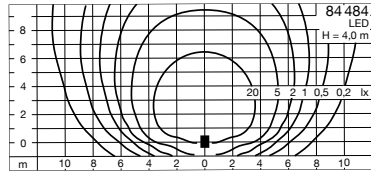
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data

for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

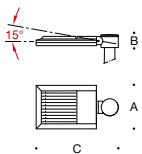
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2730 · 11 180 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	26.6 · 105.0 W
Protection class	IP 66
Cast aluminium, aluminium and stainless steel	
Safety glass	
Reflector surface made of pure aluminium	
Attack angle adjustable to 0° or 15°	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Asymmetrical light distribution	
LED colour temperature	
3000K – article number + K3	
4000K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Asymmetrical

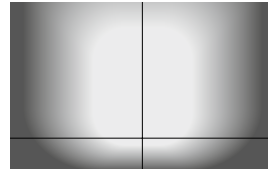


Asymmetrical light distribution

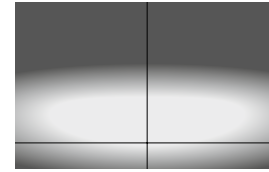
	LED	PSU	A	B	C	AC/DC	
84 484	26,6 W	2730 lm	DALI	140	65	340	✓
84 485	105,0 W	11180 lm	DALI	250	65	470	✓

Luminaire poles

Pole heights	Top	Group
3500-5000	Ø 76	34 · 72 · 17
8000-9000	Ø 76	34 · 72



Asymmetrical



Asymmetrical flat beam

Pole-top luminaires and side-mounted pole-top luminaires Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. They are available as pole-top luminaires or side-mounted pole-top luminaires. Two light distributions are available:

- With **asymmetrical** light distribution for providing spatial illumination of surfaces, squares and parking spaces, or
- With **asymmetrical flat beam** light distribution, particularly suitable for illuminating streets in accordance with EN 13201.

Ready-to-install pole-top luminaires for single or double arrangements and side-mounted pole-top luminaires for bracket poles.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

For matching wall luminaires, see Page 216.

Power reduction accessories for luminaires with a DALI interface can be found on Page 284.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1855 to 10 270 lm

Luminous flux in the upper half-space < 1%

Connected wattage 14.0 to 69.0 W

Protection class IP 66

Safety class II

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Miro® reflectors made of highly reflective pure aluminium

Luminaires in a double arrangement and side-mounted pole-top luminaires:

Attack angle adjustable to 0° or 15°

Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

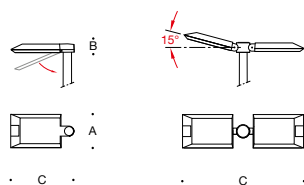
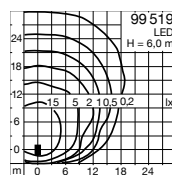
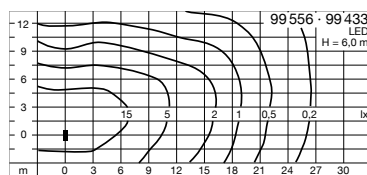
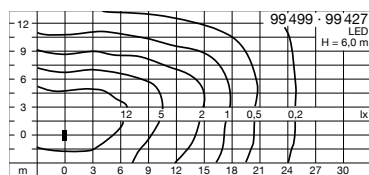
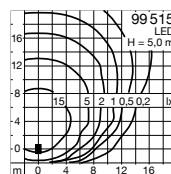
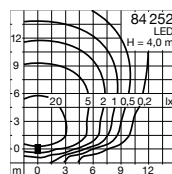
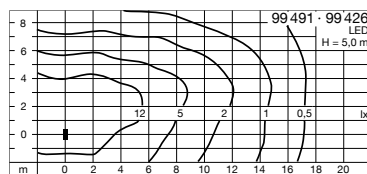
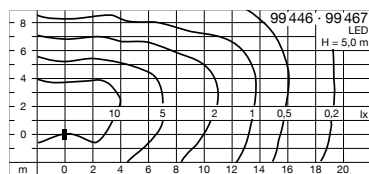
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

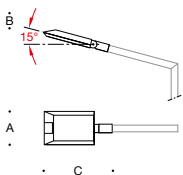


Asymmetrical light distribution

Asymmetrical light distribution				Luminaire poles			Pole heights			Top*			Groups		
LED	PSU	A	B	C	AC/DC										
84 252	14,6 W 2060 lm DALI	255	60	440	✓	3500-6000	Ø76	34 · 14 · 17 · 33 · 13							
99 515	26,0 W 3690 lm DALI	255	60	440	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13							
99 519	34,5 W 5135 lm DALI	255	60	440	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13							
84 253	29,2 W 4120 lm DALI	255	60	815	✓	3500-6000	Ø76	34 · 14 · 17 · 33 · 13							
99 528	52,0 W 7380 lm DALI	255	60	815	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13							
99 529	69,0 W 10270 lm DALI	255	60	815	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13							

Asymmetrical flat beam light distribution

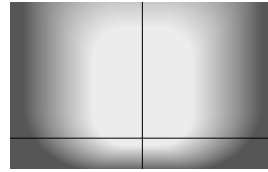
Asymmetrical flat beam light distribution				Lichtmaste			Pole heights			Top*			Groups		
LED	PSU	A	B	C	AC/DC										
99 446	14,0 W 1855 lm DALI	255	60	440	✓	3500-5000	Ø76	34 · 14 · 17 · 33 · 13							
99 491	17,6 W 2475 lm DALI	255	60	440	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13							
99 499	26,1 W 3685 lm DALI	255	60	440	✓	5000-7000	Ø76	34 · 72 · 17 · 33 · 13							
99 556	34,5 W 4880 lm DALI	255	60	440	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13							
99 447	28,0 W 3710 lm DALI	255	60	815	✓	3500-5000	Ø76	34 · 14 · 17 · 33 · 13							
99 473	52,2 W 7370 lm DALI	255	60	815	✓	5000-7000	Ø76	34 · 72 · 17 · 33 · 13							
99 474	69,0 W 9760 lm DALI	255	60	815	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13							



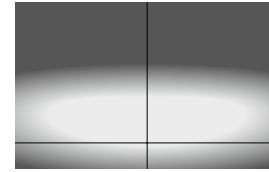
Side-mounted pole-top luminaires · Asym. flat beam light distr.

Side-mounted pole-top luminaires · Asym. flat beam light distr.				Pole heights		Connection*
LED	PSU	A	B	C	AC/DC	
99 467	14,0 W 1855 lm DALI	255	60	490	✓	3500-5000 Ø42
99 426	17,6 W 2475 lm DALI	255	60	490	✓	4000-6000 Ø42
99 427	26,1 W 3685 lm DALI	255	60	490	✓	5000-7000 Ø42
99 433	34,5 W 4880 lm DALI	255	60	490	✓	5000-8000 Ø42

*Also available for Ø60 mm pole top/connection on request.



Asymmetrical



Asymmetrical flat beam

Pole-top luminaires and side-mounted pole-top luminaires Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum covers all lighting applications in the areas of street, square and city illumination.

They are available as pole-top luminaires or as side-mounted pole-top luminaires. Two light distributions are available:

- With **asymmetrical** light distribution for providing spatial illumination of surfaces, squares and parking spaces, or
- With **asymmetrical flat beam** light distribution, particularly suitable for illuminating streets in accordance with EN 13201.

Ready-to-install pole-top luminaires for single or double arrangements and side-mounted pole-top luminaires for bracket poles.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Matching wall luminaires can be found on Page 216.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	7265 to 19 830 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	53.0 to 134.0 W
Protection class	IP 66
Safety class	II

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Miro® reflectors made of highly reflective pure aluminium

Attack angle adjustable to 0° or 15°

Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

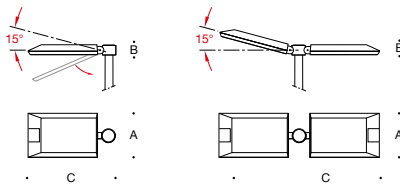
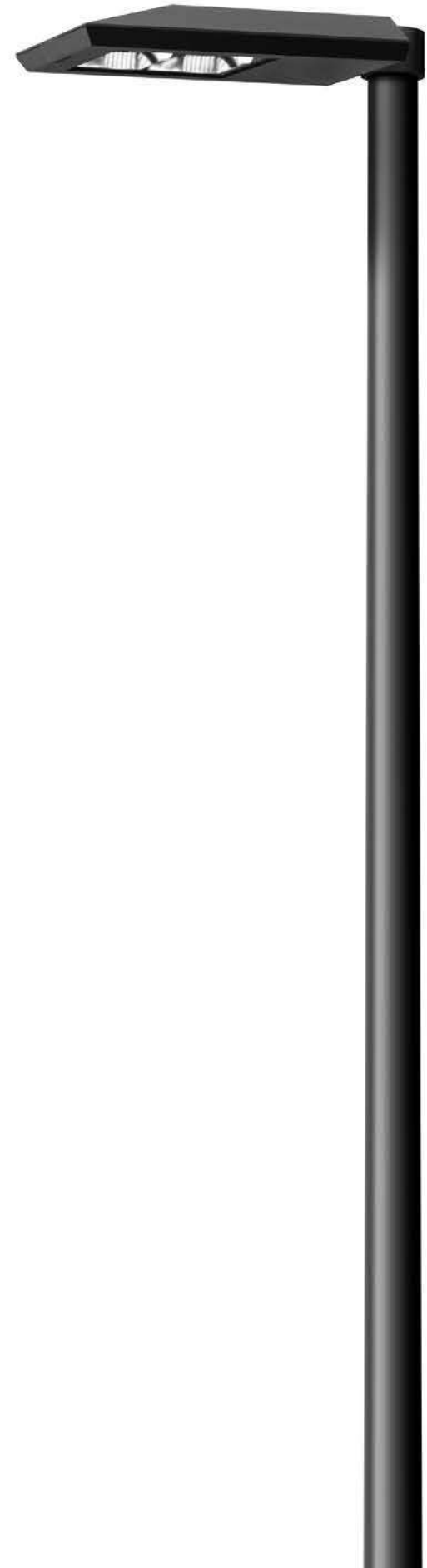
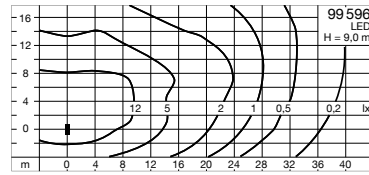
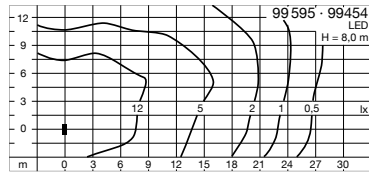
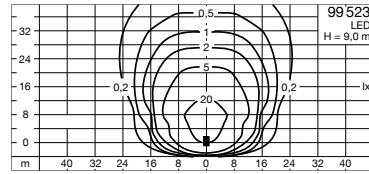
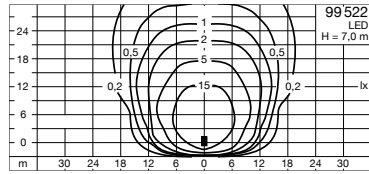
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



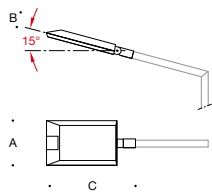
Asymmetrical light distribution

LED		PSU		Luminaire poles							
		A	B	C	AC/DC	Pole heights	Top*	Groups			
99 522	53.0 W	7265 lm	DALI	Single	340	75	660	✓	7000 - 9000	Ø 76	34 · 72
99 523	67.0 W	9915 lm	DALI	Single	340	75	660	✓	7000 - 9000	Ø 76	34 · 72
99 532	106.0 W	14 530 lm	DALI	Double	340	75	1215	✓	7000 - 9000	Ø 76	34 · 72
99 533	134.0 W	19 830 lm	DALI	Double	340	75	1215	✓	7000 - 9000	Ø 76	34 · 72

Asymmetrical flat beam light distribution

LED		PSU		Luminaire poles							
		A	B	C	AC/DC	Pole heights	Top*	Groups			
99 595	53.0 W	7770 lm	DALI	Single	340	75	660	✓	7000 - 9000	Ø 76	34 · 72
99 596	67.0 W	9885 lm	DALI	Single	340	75	660	✓	7000 - 9000	Ø 76	34 · 72
99 479	134.0 W	19 770 lm	DALI	Double	340	75	1215	✓	7000 - 9000	Ø 76	34 · 72

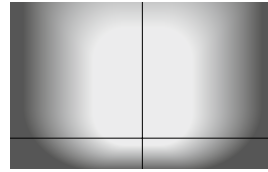
* Also available for Ø 60 mm pole top on request.



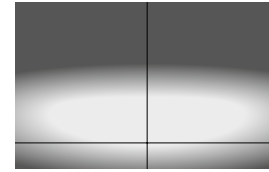
Side-mounted pole-top luminaires · Asym. flat beam light distr.

LED		PSU		Luminaire poles					
		A	B	C	AC/DC	Pole heights	Connection*		
99 454	53.0 W	7770 lm	DALI	340	75	695	✓	7000 - 9000	Ø 60

* Also available for Ø 42 mm connection on request.



Asymmetrical



Asymmetrical flat beam

Pole-top luminaires

Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. They are available as pole-top luminaires with two different light distributions to choose from:

- With **asymmetrical** light distribution for providing spatial illumination of surfaces, squares and parking spaces, or
- With **asymmetrical flat beam** light distribution, particularly suitable for illuminating streets in accordance with EN 13201.

Ready-to-install pole-top luminaires for bracket poles in a single or double arrangement.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Matching wall luminaires can be found on Page 216.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous

flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 13590 to 29730 lm

Luminous flux in the upper half-space < 1%

Connected wattage 103.0 · 206.0 W

Protection class IP 66

Safety class II

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Miro® reflectors made of highly reflective pure aluminium

Attack angle adjustable to 0° or 15°

Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

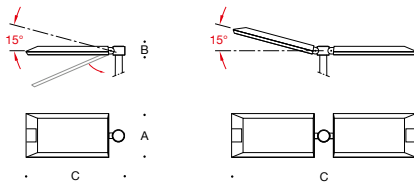
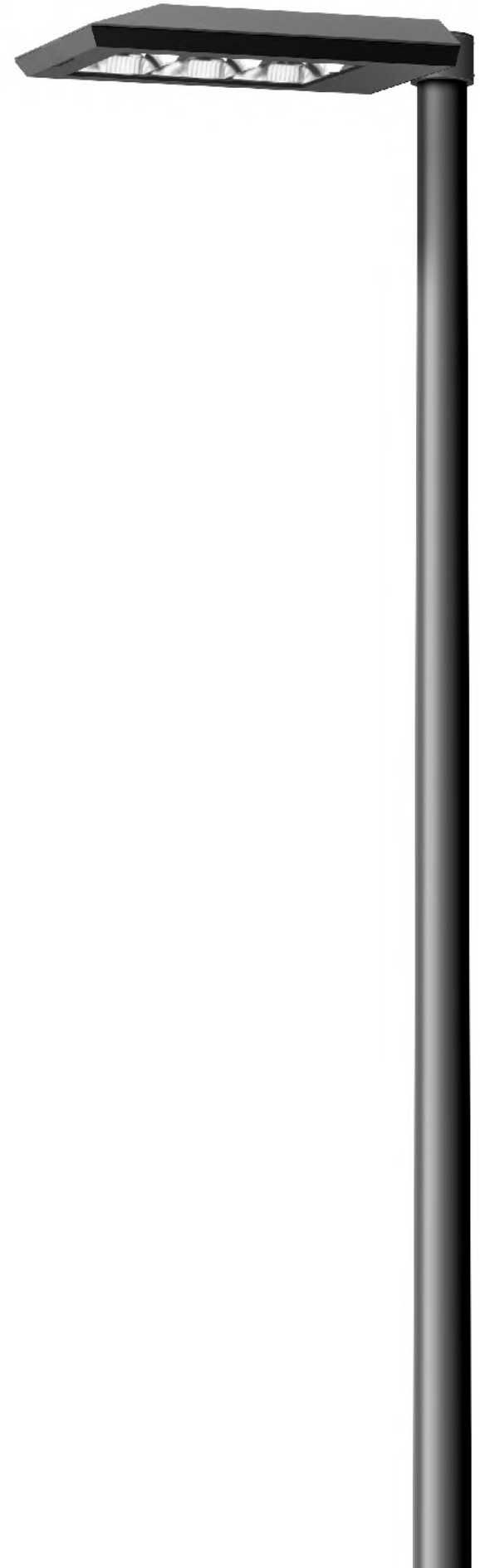
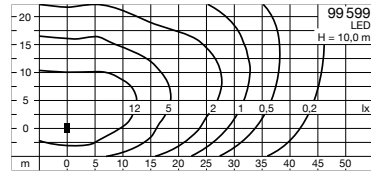
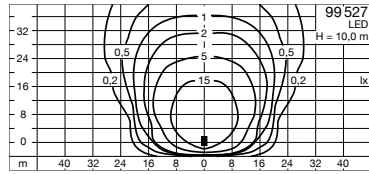
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



Asymmetrical light distribution

	LED	PSU		A	B	C	AC/DC	
99 527	103.0 W	13 590 lm	DALI	Single	340	75	820	✓
99 534	206.0 W	27 180 lm	DALI	Double	340	75	1535	✓

Luminaire poles

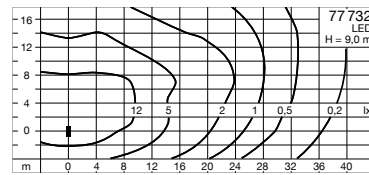
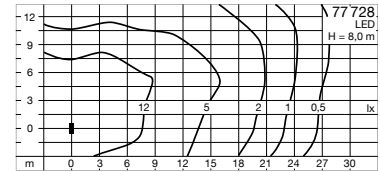
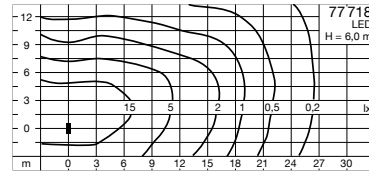
Pole heights	Top	Group
8000 - 10 000	Ø 76	72
8000 - 10 000	Ø 76	72

Asymmetrical flat beam light distribution

	LED	PSU		A	B	C	AC/DC	
99 599	103.0 W	14 865 lm	DALI	Single	340	75	820	✓
99 481	206.0 W	29 730 lm	DALI	Double	340	75	1535	✓

Luminaire poles

Pole heights	Top	Group
8000 - 10 000	Ø 76	72
8000 - 10 000	Ø 76	72



Pole-top luminaires **with outrigger arm** **Asymmetrical flat beam light distribution**

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201. Ready-to-install pole-top luminaires for single or double arrangements.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 4880 to 19 770 lm

Luminous flux in the upper half-space < 1%

Connected wattage 34.5 to 134.0 W

Protection class IP 66

Safety class II

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Miro® reflectors made of highly reflective pure aluminium

Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

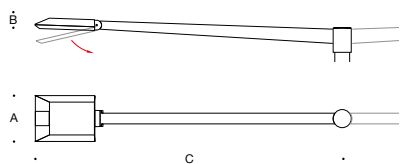
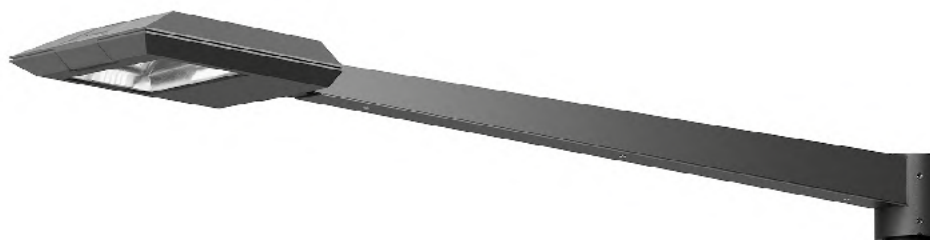
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



Asymmetrical flat beam

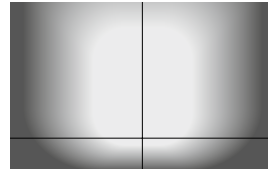


Asymmetrical flat beam light distribution

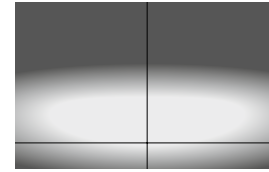
	LED	PSU			A	B	C	AC/DC
77 718	34.5 W	4880 lm	DALI	Single	255	60	1700	✓
77 728	53.0 W	7770 lm	DALI	Single	340	75	1900	✓
77 732	67.0 W	9885 lm	DALI	Single	340	75	1900	✓
77 736	69.0 W	9760 lm	DALI	Double	255	60	3400	✓
77 758	106.0 W	15 540 lm	DALI	Double	340	75	3800	✓
77 759	134.0 W	19 770 lm	DALI	Double	340	75	3800	✓

Luminaire poles

Pole heights	Top	Group
5000 - 8000	Ø 76	72
7000 - 10 000	Ø 76	72
7000 - 10 000	Ø 76	72
5000 - 8000	Ø 76	72
7000 - 10 000	Ø 76	72
7000 - 10 000	Ø 76	72



Asymmetrical



Asymmetrical flat beam

Pole-top luminaires and side-mounted pole-top luminaires Asymmetrical or asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. Economical pole-top luminaires with different dimensions, outputs and light distributions.

BEGA Koffer luminaires (box luminaires) have been an established design element in public areas for more than fifty years – a classic that we have updated in the new range of this series to meet the lightest lighting requirements.

The luminaires are DALI-controllable and available with two different light distributions.

- With **asymmetrical** light distribution for spatial illumination of surfaces, squares and parking spaces
- With **asymmetrical flat beam** light distribution for illumination of streets and traffic areas in accordance with EN 13201.

Ready-to-install pole-top luminaires for single or double arrangements and side-mounted pole-top luminaires for bracket poles.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Luminaires in this series with two Zhaga interfaces as per Zhaga Book 18 Ed 2.0 can be found on Page 500; wall luminaires on Page 214.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

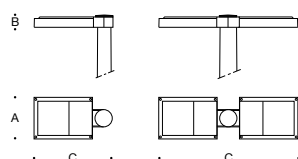
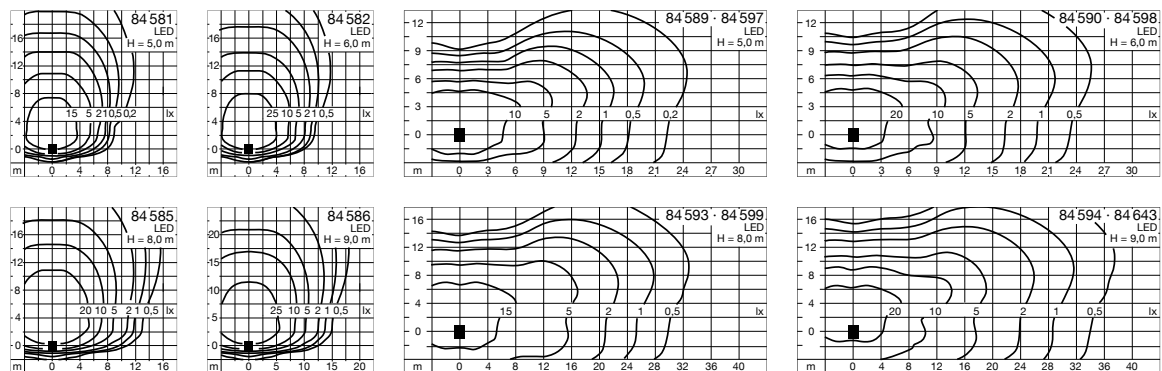
In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find

the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2400 to 19 200 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	17.8 to 134.0 W
Protection class	IP 66
Safety class	II
Cast aluminium, aluminium and stainless steel	
Anti-glare single-pane safety glass	
Reflector surface made of pure aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Asymmetrical or asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	

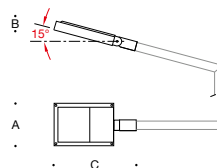


Asymmetrical light distribution

LED		PSU		A B C			AC/DC	Luminaire poles			
								Pole heights	Top	Groups	
84 581	17.8 W	2400 lm	DALI	Single	240	60	450	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13
84 582	33.5 W	4800 lm	DALI	Single	240	60	450	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13
84 585	51.0 W	7200 lm	DALI	Single	320	75	520	✓	7000-9000	Ø76	34 · 72
84 586	67.0 W	9600 lm	DALI	Single	320	75	520	✓	7000-9000	Ø76	34 · 72
84 583	35.6 W	4800 lm	DALI	Double	240	60	805	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13
84 584	67.0 W	9600 lm	DALI	Double	240	60	805	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13
84 587	102.0 W	14200 lm	DALI	Double	320	75	935	✓	7000-9000	Ø76	34 · 72
84 588	134.0 W	19200 lm	DALI	Double	320	75	935	✓	7000-9000	Ø76	34 · 72

Asymmetrical flat beam light distribution

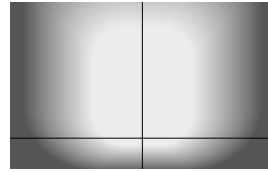
LED		PSU		A B C			AC/DC	Luminaire poles			
								Pole heights	Top	Groups	
84 589	17.8 W	2400 lm	DALI	Single	240	60	450	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13
84 590	33.5 W	4800 lm	DALI	Single	240	60	450	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13
84 593	51.2 W	7200 lm	DALI	Single	320	75	520	✓	7000-9000	Ø76	34 · 72
84 594	67.0 W	9600 lm	DALI	Single	320	75	520	✓	7000-9000	Ø76	34 · 72
84 591	35.6 W	4800 lm	DALI	Double	240	60	805	✓	4000-6000	Ø76	34 · 14 · 17 · 33 · 13
84 592	67.0 W	9600 lm	DALI	Double	240	60	805	✓	5000-8000	Ø76	34 · 72 · 17 · 33 · 13
84 595	102.4 W	14200 lm	DALI	Double	320	75	935	✓	7000-9000	Ø76	34 · 72
84 596	134.0 W	19200 lm	DALI	Double	320	75	935	✓	7000-9000	Ø76	34 · 72



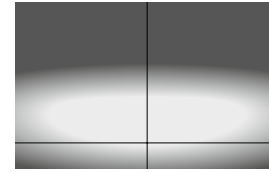
Side-mounted pole-top luminaires · Asymmetrical flat beam light distribution

LED		PSU		A B C			AC/DC	Luminaire poles		
								Pole heights	Connection*	
84 597	17.8 W	2400 lm	DALI	Single	240	60	535	✓	4000-6000	Ø42
84 598	33.5 W	4800 lm	DALI	Single	240	60	535	✓	5000-8000	Ø42
84 599	51.2 W	7200 lm	DALI	Single	320	75	600	✓	7000-9000	Ø60
84 643	67.0 W	9600 lm	DALI	Single	320	75	600	✓	7000-9000	Ø60

*Ø42 mm connection also available in Ø60 mm, and Ø60 mm available in Ø42 mm on request.



Asymmetrical



Asymmetrical flat beam

Pole-top luminaires with **Zhaga interfaces** Asymmetrical or asymmetrical flat beam light distribution

In all technical characteristics, these luminaires are identical to the luminaires in the group on Page 498, but additionally feature two Zhaga interfaces as per Zhaga Book 18 Ed 2.0.

Optionally available with:

- **asymmetrical** light distribution for providing spatial illumination of surfaces, squares and parking spaces or
- **asymmetrical flat beam** light distribution for illumination of streets and traffic areas in accordance with EN 13201.

The Zhaga modules depicted are not included in the delivery.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	2400 to 9600 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	18.4 to 69.0 W
Protection class	IP 66
Safety class	II

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Reflector surface made of pure aluminium

Two Zhaga interfaces as per Zhaga Book 18 Ed 2.0

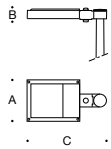
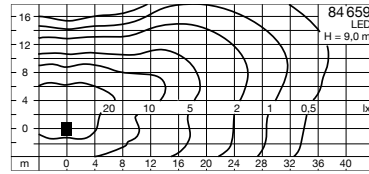
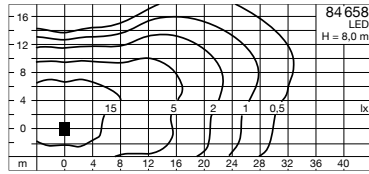
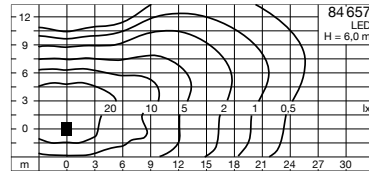
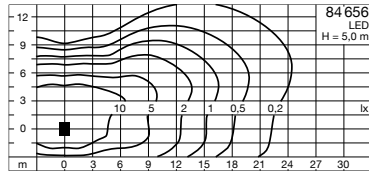
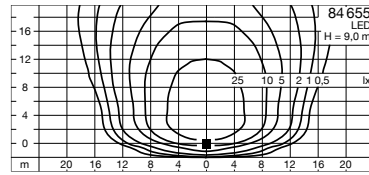
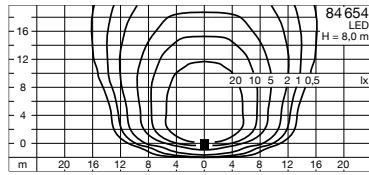
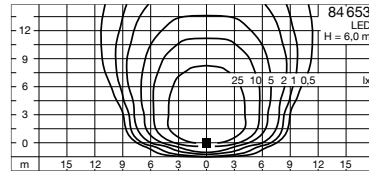
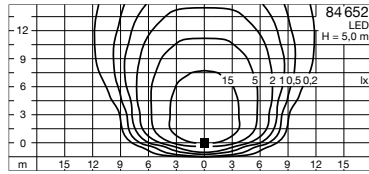
BEGA Thermal Management®

Asymmetrical or asymmetrical flat beam light distribution

LED colour temperature
3000 K – article number + **K3**
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules



Asymmetrical light distribution

	LED	PSU		A	B	C	AC/DC
84 652	18.4 W	2400 lm	Zhaga	240	60	340	✓
84 653	34.5 W	4800 lm	Zhaga	240	60	340	✓
84 654	50.5 W	7200 lm	Zhaga	320	75	405	✓
84 655	69.0 W	9600 lm	Zhaga	320	75	405	✓

Luminaire poles

Pole heights	Top	Groups
4000-6000	Ø 76	34 · 14 · 17 · 33 · 13
5000-8000	Ø 76	34 · 72 · 17 · 33 · 13
7000-9000	Ø 76	34 · 72
7000-9000	Ø 76	34 · 72

Asymmetrical flat beam light distribution

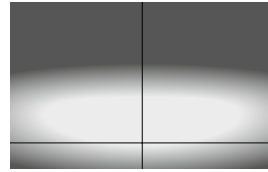
	LED	PSU		A	B	C	AC/DC
84 656	18.4 W	2400 lm	Zhaga	240	60	340	✓
84 657	34.5 W	4800 lm	Zhaga	240	60	340	✓
84 658	50.5 W	7200 lm	Zhaga	320	75	405	✓
84 659	69.0 W	9600 lm	Zhaga	320	75	405	✓

Luminaire poles

Pole heights	Top	Groups
4000-6000	Ø 76	34 · 14 · 17 · 33 · 13
5000-8000	Ø 76	34 · 72 · 17 · 33 · 13
7000-9000	Ø 76	34 · 72
7000-9000	Ø 76	34 · 72



The Zhaga modules depicted are not included in the delivery.



Asymmetrical flat beam

Pole-top luminaires and side-mounted pole-top luminaires Asymmetrical flat beam light distribution

Luminaires with a high protection class and in safety class II whose comprehensive performance spectrum allows them to be implemented for numerous lighting applications in street, square and city illumination. They are available as pole-top luminaires or side-mounted pole-top luminaires. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

Ready-to-install pole-top luminaires for single or double arrangements and side-mounted pole-top luminaires for bracket poles.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and

information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 1950 to 9570 lm

Luminous flux in the upper half-space < 1%

Connected wattage 13.5 to 68.0 W

Protection class IP 66
Safety class II

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Miro® reflectors made of highly reflective pure aluminium

Attack angle adjustable to 0° or 15°

Luminaires can be opened without tools

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical flat beam light distribution

LED colour temperature

3000 K – article number + **K3**

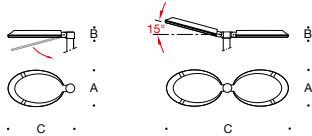
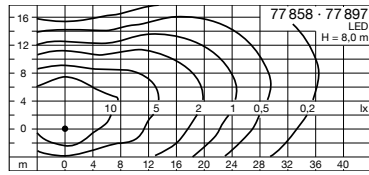
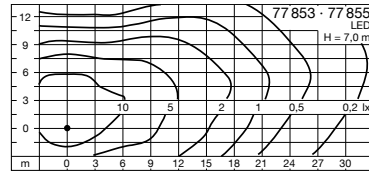
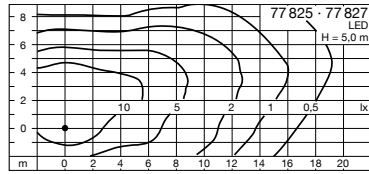
4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules

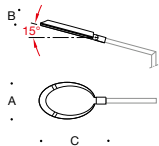


Asymmetrical flat beam light distribution

	LED	PSU		A	B	C	AC/DC	
77 825	13.5 W	1950 lm	DALI	Single	260	55	520	✓
77 853	25.5 W	3865 lm	DALI	Single	260	55	520	✓
77 858	34.0 W	4785 lm	DALI	Single	260	55	520	✓
77 826	27.0 W	3900 lm	DALI	Double	260	55	945	✓
77 854	51.0 W	7730 lm	DALI	Double	260	55	945	✓
77 859	68.0 W	9570 lm	DALI	Double	260	55	945	✓

Luminaire poles

Pole heights	Top*	Groups
3500 - 5000	Ø 76	34 · 14 · 17 · 33 · 13
5000 - 7000	Ø 76	72 · 14 · 17 · 33 · 13
5000 - 8000	Ø 76	72 · 14 · 17 · 33 · 13
3500 - 5000	Ø 76	34 · 14 · 17 · 33 · 13
5000 - 7000	Ø 76	72 · 14 · 17 · 33 · 13
5000 - 8000	Ø 76	72 · 14 · 17 · 33 · 13

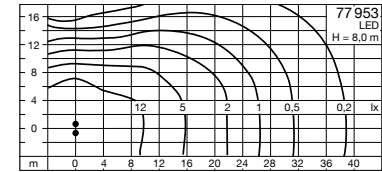
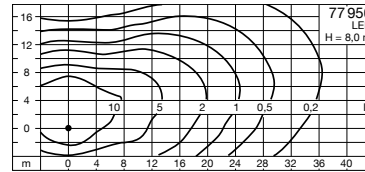


Side-mounted pole-top luminaires - Asym. flat beam light distr.

	LED	PSU		A	B	C	AC/DC	Pole heights	Connection*
77 827	13.5 W	1950 lm	DALI	260	55	560	✓	3500 - 5000	Ø 42
77 855	25.5 W	3865 lm	DALI	260	55	560	✓	5000 - 7000	Ø 42
77 897	34.0 W	4785 lm	DALI	260	55	560	✓	5000 - 8000	Ø 42

* Also available for Ø 60 mm pole top/connection on request.





Pole-top luminaires with outrigger arm Asymmetrical flat beam light distribution

These luminaires belong to a group whose performance spectrum allows them to be implemented for all lighting applications in street, square and city illumination. The asymmetrical flat beam light distribution is particularly suitable for illuminating streets in accordance with EN 13201. Ready-to-install pole-top luminaires for single and double arrangements.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

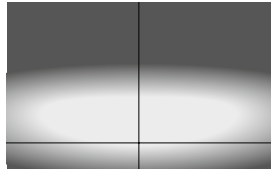
Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

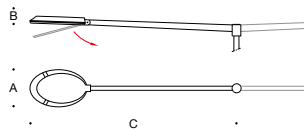
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	4785 · 9570 lm
Luminous flux in the upper half-space	< 1%
Connected wattage	34.0 · 68.0 W
Protection class	IP 66
Safety class	II
Cast aluminium, aluminium and stainless steel	
Anti-glare single-pane safety glass	
Miro® reflectors made of highly reflective pure aluminium	
Luminaires can be opened without tools	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Asymmetrical flat beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite – article number	
■ Silver – article number + A	
20-year availability guarantee for LED modules	



Asymmetrical flat beam

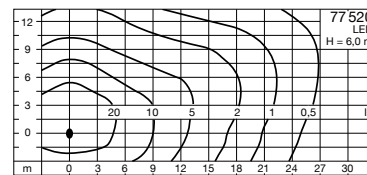
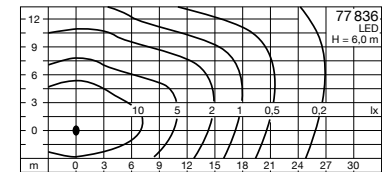
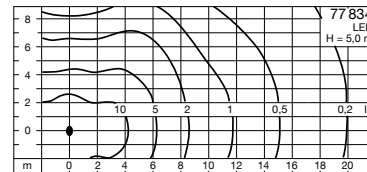


Asymmetrical flat beam light distribution

	LED	PSU		A	B	C	AC/DC	
77 950	34.0 W	4785 lm	DALI	Single	260	55	1760	✓
77 953	68.0 W	9570 lm	DALI	Double	260	55	3520	✓

Luminaire poles

Pole heights	Top	Group
5000-8000	Ø 76	72
5000-8000	Ø 76	72



Pole-top luminaires

Asymmetrical flat beam light distribution

Pole-top luminaires with asymmetrical flat beam light distribution and three light outputs. For mounting heights of 4000 to 8000 millimetres. The attack angle of the luminaires can be set to 0° or 15°. Ready-to-install pole-top luminaires for single or double arrangements.

As custom-made products, the luminaires in this series are also available for Ø60 mm pole tops and as outrigger luminaires. Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	1750 to 13 560 lm
Connected wattage	13.0 to 124.0 W
Protection class	IP 66

Cast aluminium, aluminium and stainless steel

Synthetic cover with optical texture

Attack angle adjustable to 0° or 15°

Luminaires can be opened without tools

Miro® reflectors made of highly reflective pure aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical flat beam light distribution

LED colour temperature

3000K – article number + **K3**

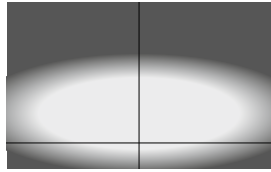
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

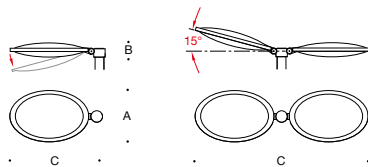
■ Graphite – article number

■ Silver – article number + **A**

20-year availability guarantee for LED modules



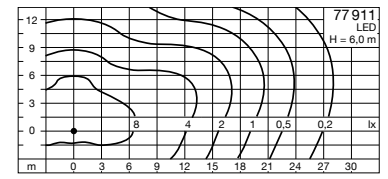
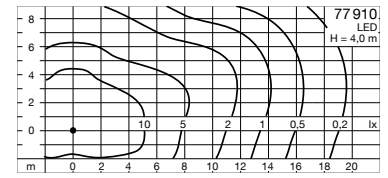
Asymmetrical flat beam



Asymmetrical flat beam light distribution

Luminaire poles

	LED		PSU		A	B	C	AC/DC	Luminaire poles		
	W	lm							Pole heights	Top	Groups
77 834	13.0 W	1750 lm	DALI	Single	400	135	750	✓	4000 - 5000	Ø76	34 · 14 · 17 · 73
77 836	34.0 W	4740 lm	DALI	Single	400	135	750	✓	5000 - 8000	Ø76	34 · 72 · 17 · 73
77 520	62.0 W	6780 lm	DALI	Single	400	135	750	✓	5000 - 8000	Ø76	34 · 72 · 17 · 73
77 839	26.0 W	3500 lm	DALI	Double	400	135	1400	✓	4000 - 5000	Ø76	34 · 14 · 17
77 841	68.0 W	9480 lm	DALI	Double	400	135	1400	✓	5000 - 8000	Ø76	34 · 72 · 17
77 530	124.0 W	13 560 lm	DALI	Double	400	135	1400	✓	5000 - 8000	Ø76	34 · 72 · 17



Also available in a double arrangement as a custom-made product

Pole-top luminaires

Asymmetrical flat beam light distribution

This luminaire series continues a line that we have been producing for 30 years. With some cautious changes, we have modernised these classics for today's technical requirements.

They are characterised by both a high protection class and modern lighting technology.

The light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

As custom-made products, luminaires from this series are also available in a double arrangement as double pole-top luminaires or as side-mounted pole-top luminaires with a G ½ connecting thread.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current

values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 2520 · 3555 lm

Luminous flux in the upper half-space < 1%

Connected wattage 18.0 · 25.8 W

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Synthetic cover with optical texture

Reflector made of pure anodised aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Asymmetrical flat beam light distribution

LED colour temperature

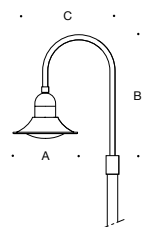
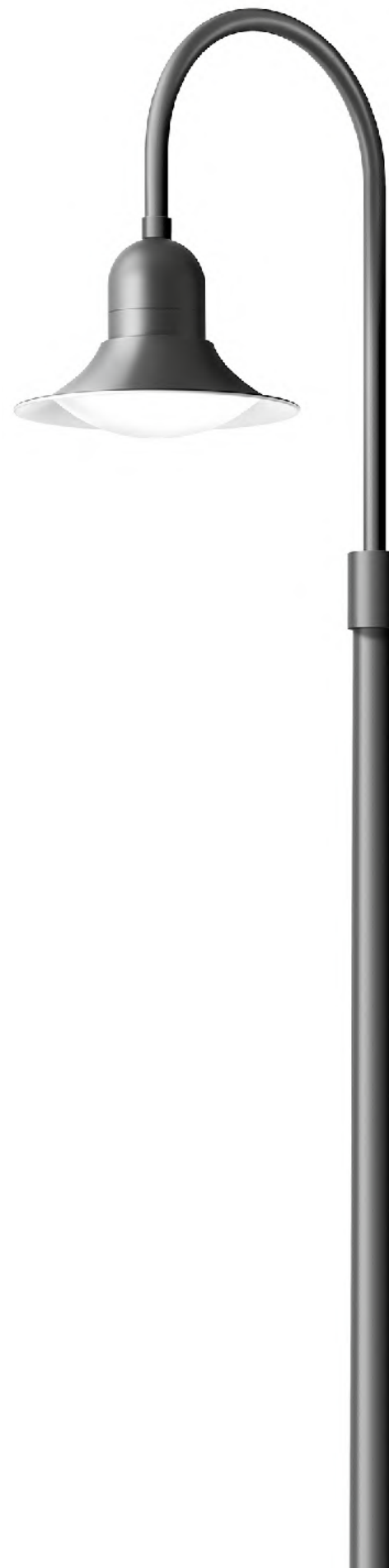
3000 K – article number + **K3**

4000 K – article number + **K4**

Luminaire colour · BEGA Unidure®

■ Graphite

20-year availability guarantee for LED modules

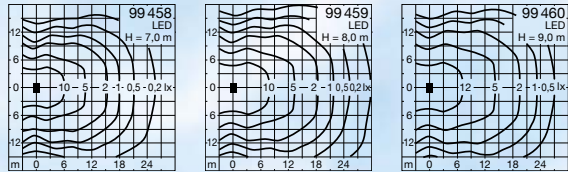


Asymmetrical flat beam light distribution

	LED	PSU	A	B	C	AC/DC	
77 910	18.0 W	2520 lm	DALI	500	1030	830	✓
77 911	25.8 W	3555 lm	DALI	675	1180	1020	✓

Luminaire poles

Pole heights	Top	Groups
4000-6000	Ø 76	34 · 15
4000-6000	Ø 76	34 · 15



Pendant luminaires for catenary systems Symmetrical flat beam light distribution

Pendant luminaires with symmetrical flat beam light distribution for use in catenary systems. The light distribution is particularly suitable for illuminating streets in accordance with EN 13201.

The luminaires can be installed in transverse suspension systems and longitudinal chain systems.

These luminaires emit less than 1% of the luminaire luminous flux into the upper half-space of the luminaires. The exact data can be found in the luminaire data sheets on our website.

On request we can also supply these luminaires in safety class II.

You can find wall luminaires with the same design features on Page 216; pole-top and side-mounted pole-top luminaires on Pages 490 to 497.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 5170 to 10260 lm

Luminous flux in the upper half-space < 1%

Connected wattage 34.6 to 69.0 W

Protection class IP 66

Cast aluminium, aluminium and stainless steel

Anti-glare single-pane safety glass

Miro® reflectors made of highly reflective pure aluminium

BEGA Ultimate Driver® · DALI-controllable

BEGA Thermal Management®

Symmetrical flat beam light distribution

LED colour temperature

3000K – article number + **K3**

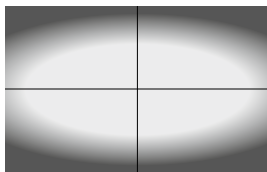
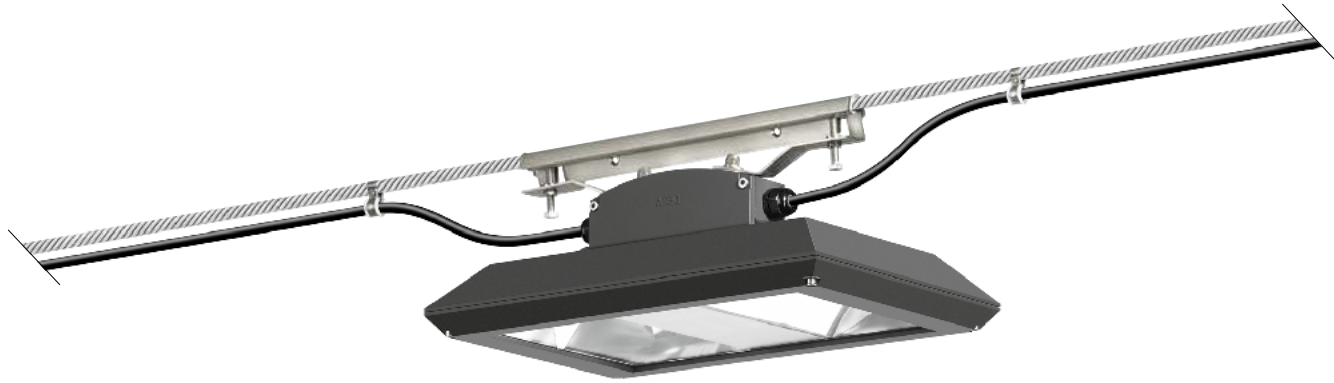
4000K – article number + **K4**

Luminaire colour · BEGA Unidure®

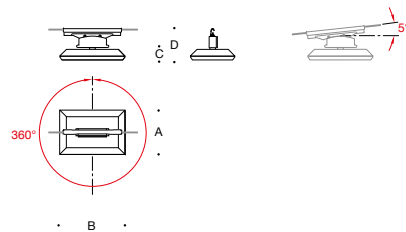
■ Graphite

20-year availability guarantee for LED modules





Symmetrical flat beam



Symmetrical flat beam light distribution

	LED		PSU	A	B	C	D	AC/DC
99 458	34.6 W	5170 lm	DALI	310	460	75	230	✓
99 459	51.0 W	7870 lm	DALI	310	460	75	230	✓
99 460	69.0 W	10 260 lm	DALI	310	460	75	230	✓



Pendant luminaires for catenary systems
Shielded light, symmetrical wide beam light distribution

Pendant luminaires for catenary systems in two versions.

An integral reflector unit directs the light downwards in a rotationally symmetrical wide beam. The luminaires with their clear synthetic cylinder create a vertical light fraction in addition to the horizontal illuminance.

Parts of the building in the immediate vicinity of the luminaires are thus illuminated and persons easily identified. Luminaires for excellent visual comfort on inner-city streets and squares.

You can find pendant luminaires with the same design features on Page 52.

Power reduction accessories for luminaires with a DALI interface can be found on Page 584.

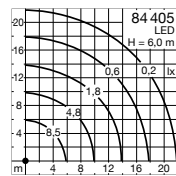
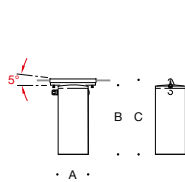
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	4295 · 4725 lm
Connected wattage	39.0 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
84 405 Safety glass	
84 406 Sealed clear synthetic cylinder	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
Shielded light, symmetrical wide beam light distribution	
LED colour temperature	
3000 K – article number + K3	
4000 K – article number + K4	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	

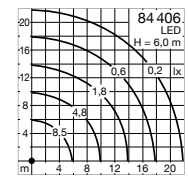
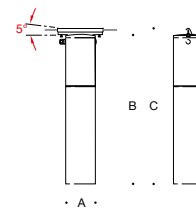


For pendant luminaires, see Page 52



Symmetrical very wide beam light distribution

	LED	Netzteile	A	B	C	AC/DC	
84405	39.0 W	4295 lm	DALI	190	485	525	✓



Symmetrical very wide beam · Clear synthetic cylinder

	LED	Netzteile	A	B	C	AC/DC	
84406	39.0 W	4725 lm	DALI	190	1035	1075	✓



MUSEUMS
TERRASSEN

Fig.: Also available with opal glass as custom-made product



The Collection BOOM

The Collection BOOM is a selection of luminaires handcrafted from copper, cast bronze, brass, cast aluminium and hand-blown glass using traditional methods.

Stylish luminaires that not only impress with their high-quality materials and workmanship, but with their modern lighting technology as well. Carefully coordinated with a building's overall architecture, they help to complement sophisticated buildings and historical architecture.

The design and construction of many of our luminaires are reminiscent of the materials and production techniques of times gone by and result in a distinctive product.

Copper and cast bronze are among the oldest materials known to man. These materials are especially important to us because they are highly resistant to corrosion and sea-water, and very resistant to wear and tear.

Over time, the elements cause copper, cast bronze and brass to change their appearance. A distinctive patina forms on the surface, giving the material a unique aesthetic effect. Copper and bronze radiate durability and lasting value. They are timeless.

Aluminium and cast aluminium parts are pre-treated and powder-coated with our BEGA Unidure® technology to fulfil the highest standards in weathering and light stability.



The flame: the original form of light.
Lively and remarkably fascinating.
Protected from the wind – for when artificial light is having a break.
For indoors and outdoors.
The copper and crystal glass lantern comes in a gift box complete with candle.

		Ø	Height
31 500	Lantern	80	150



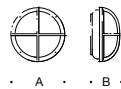
Wall luminaires made of cast bronze
Unshielded and shielded light

Wall luminaires made of cast bronze for unshielded light or light shielded upwards. It is thought that bronze, an alloy of copper and tin, was first used around 2500 BC. The appearance of this impressive material changes over time, resulting in a fascinating aesthetic that radiates durability and lasting value.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

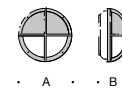
Luminaire data

Luminaire luminous flux	380 to 960 lm
Connected wattage	6.0 to 15.5 W
Protection class	IP 65
Cast bronze and aluminium Crystal glass, inside white	
On/off or DALI-controllable power supply units BEGA Thermal Management®	
LED colour temperature 3000 K – article number + K3	
20-year availability guarantee for LED modules	



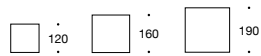
Wall luminaires · **Unshielded** light

	LED		PSU	A	B	AC/DC
31 045	9.0 W	550 lm	on/off	210	120	✓
31 047	15.5 W	960 lm	DALI	265	135	✓



Wall luminaires · **Shielded** light

	LED		PSU	A	B	AC/DC
31 049	6.0 W	380 lm	on/off	210	120	✓
31 050	11.3 W	750 lm	DALI	265	135	✓



Wall luminaires

Light emission on two sides

Luminaires shielded to the front, in three sizes, made of copper and hand-blown crystal bubble glass. Copper is used to shield the luminaires and protect the glass. The brilliant light from the lamps is radiated directly upwards and downwards, projecting impressive light graphics onto the wall.

As single luminaires or arranged in groups, these luminaires produce expressive light for the effective highlighting of surfaces and vertical architectural details.

We supply the luminaires with an E 14 or E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the

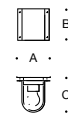
instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	160 to 320 lm
Connected wattage	4.0 to 8.0 W
Protection class	IP 64

Copper and brass
 Wall mounting made of stainless steel
 Hand-blown crystal bubble glass with thread

LED lamps with a colour temperature of 3000K are included in the delivery



Wall luminaires

	LED lamp included	Base	A	B	C
31 206	1 × 4.0 W	160 lm	E 14	120	120 170
31 207	1 × 7.0 W	300 lm	E 27	160	160 200
31 208	1 × 8.0 W	320 lm	E 27	190	190 220

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

Versatile luminaires designed for use around the house, next to doors and gates, or on pillars. Copper forms its own protective coating and develops its distinctive character only gradually through the resulting patina. Quality, durability and beauty are attributes which have characterized this material for centuries.

Wall luminaires in a choice of two versions.

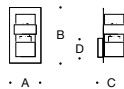
Shielded luminaires made of copper and brilliant crystal bubble glass in two sizes, available in single or double version. A ring louvre made of copper suppresses glare from the luminaires, without affecting the impressive brilliance of the crystal bubble glass. The light from these luminaires is strikingly expressive.

We supply the luminaires with an E 14 or E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

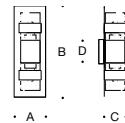
Luminaire luminous flux	195 to 660 lm
Connected wattage	4.0 to 14.0 W
Protection class	IP 44
Copper and cast bronze	
Hand-blown crystal bubble glass with thread	
Mounting plate made of stainless steel	
LED lamps with a colour temperature of 3000K are included in the delivery	



· A · · C ·

Wall luminaires · **Single · Shielded light**

	LED lamp included	Base	A	B	C	D
31 222	1 × 4.0 W	195 lm	E 14	115	200	105 90
31 223	1 × 7.0 W	345 lm	E 27	150	265	135 90



· A · · C ·

Wall luminaires · **Double · Shielded light**

	LED lamp included	Base	A	B	C	D
31 225	2 × 4.0 W	365 lm	E 14	115	320	105 90
31 226	2 × 7.0 W	660 lm	E 27	150	435	135 90

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires
Shielded light

Luminaires shielded upwards, made of copper with hand-blown, three-ply opal glass.

These robust and reliable lighting tools retain their aesthetic quality over a long period of time. With a classic shape of discreet elegance. Luminaires for a host of lighting applications – indoors and outdoors.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 370 to 660 lm

Connected wattage 7.0 to 12.0 W

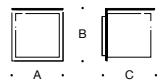
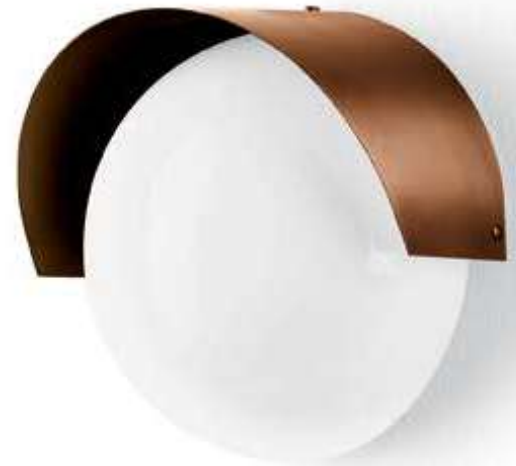
Protection class IP 44

Hand-blown opal glass

31 311 · 31 312 Fitting made of cast aluminium, colour graphite · Shield made of copper

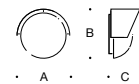
31 470 Fitting and shield made of copper

LED lamps with a colour temperature of 3000 K are included in the delivery



Wall luminaires · square

	LED lamp included		Base	A	B	C
31311	1 ×	8.0 W	540 lm	E 27	200	200 210
31312	1 ×	12.0 W	660 lm	E 27	250	250 265



Wall luminaire · round

	LED lamp included		Base	A	B	C
31470	1 ×	7.0 W	370 lm	E 27	245	235 140

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires

Ceiling and wall luminaires made of copper and crystal glass in various sizes. The various dimensions and light outputs of the luminaires cover a host of lighting applications with the same luminaire series. Classic and yet at the same time modern, these luminaires are also effective design elements.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	385 to 985 lm
Connected wattage	5.0 to 9.2 W
Protection class	IP 64

Copper and brass

Crystal glass, inside white

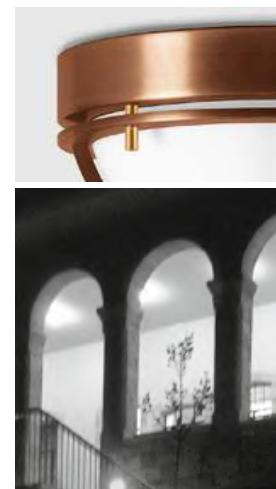
The luminaires have stainless steel support points on the installation surface.

Luminaires with LED module:
on/off power supply units
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**

LED lamps with a colour temperature of
3000 K are included in the delivery

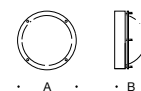
20-year availability guarantee for
LED modules





Ceiling and wall luminaires · **With safety guard**

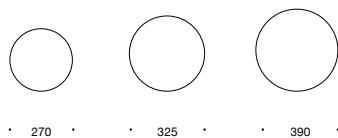
	LED	PSU	A	B	AC/DC
31 327	5.0 W	385 lm	on/off	220 130	✓
31 329	9.2 W	830 lm	on/off	280 155	✓
	LED lamp included	Base			
31 495	1 × 7.0 W	385 lm	E 27	220 130	—
31 497	1 × 8.0 W	570 lm	E 27	280 155	—



Ceiling and wall luminaires · **Unshielded light**

	LED	PSU	A	B	AC/DC
31 333	5.0 W	425 lm	on/off	220 120	✓
31 394	9.2 W	985 lm	on/off	280 145	✓
	LED lamp included	Base			
31 489	1 × 7.0 W	425 lm	E 27	220 120	—
31 491	1 × 8.0 W	610 lm	E 27	280 145	—

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling and wall luminaires

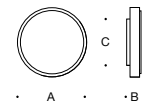
Ceiling and wall luminaires in different sizes for a host of lighting applications – both indoors and out.

These luminaires are characterised by the contrasting effect between the shield, the opal glass and the installation surface. Some of the light is emitted behind the shield and also illuminates the mounting surface. Depending on the colour of the installation surface, this creates an impressive light effect.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

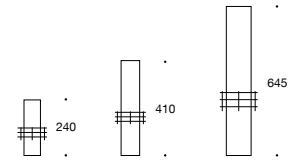
Luminaire data

Luminaire luminous flux	885 to 2270 lm
Connected wattage	9.2 to 32.0 W
Protection class	IP 65
Copper	
Cast aluminium fittings, colour graphite	
hand-blown satin matt opal glass	
with bayonet closure	
on/off or DALI-controllable	
power supply units	
BEGA Thermal Management®	
LED colour temperature	
3000K – article number + K3	
20-year availability guarantee for LED modules	



Ceiling and wall luminaires

	LED		PSU	A	B	C	AC/DC
31 041	9.2 W	885 lm	on/off	270	70	205	✓
31 042	16.7 W	1555 lm	DALI	325	90	250	✓
31 043	32.0 W	2270 lm	DALI	390	100	300	✓



Wall luminaires

Unshielded wall luminaires in various types of material and sizes. Luminaires for illuminating entrances, arcades and walkways. Clean lines and high-quality materials turn the luminaires into elements of architectural design that are both striking and long-lasting.

We supply the luminaires with built-in LED modules or with an E 14 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	225 to 1990 lm
Connected wattage	3.9 to 15.6 W
Protection class	IP 44

- Copper and brass
- Aluminium and stainless steel

Hand-blown opal glass with thread

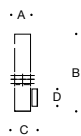
Luminaires with LED module:
on/off power supply units
BEGA Thermal Management®

Colour temperature for LED modules
3000K – article number + **K3**

LED lamps with a colour temperature of
3000K are included in the delivery

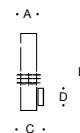
Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for
LED modules



Wall luminaires made of **copper and brass**

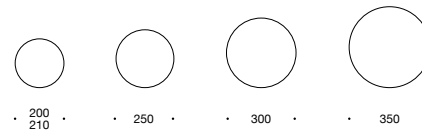
	LED		PSU	A	B	C	D	AC/DC
31 093	4.1 W	225 lm	on/off	95	240	115	75	✓
31 094	3.9 W	380 lm	on/off	120	410	135	90	✓
31 095	15.6 W	1990 lm	on/off	160	645	170	110	✓
	LED lamp included		Base					
31 224	1 × 4.0 W	225 lm	E 14	95	240	115	75	—



Wall luminaires made of **aluminium - Colour graphite**

	LED		PSU	A	B	C	D	AC/DC
31 068	4.1 W	230 lm	on/off	95	240	115	75	✓
31 074	3.9 W	380 lm	on/off	120	410	135	90	✓
31 075	15.6 W	1990 lm	on/off	160	645	165	110	✓
	LED lamp included		Base					
31 201	1 × 4.0 W	225 lm	E 14	95	240	115	75	—
31 203	1 × 4.0 W	255 lm	E 14	120	410	135	90	—

Technical data for BEGA LED lamps can be found on Page 564.



Ceiling, wall and pillar luminaires

Luminaires in the classic shape of a sphere for a wide variety of lighting applications. The hand-blown, three-ply opal glass is an excellent lighting material that distributes the light uniformly over the glass surface. Our opal glass has a high transparency level, is resistant to ageing, easy to clean and looks brilliant. If it is not vandalised, it can last indefinitely. Luminaires with a pleasantly soft light for a high degree of visual comfort.

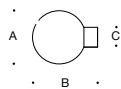
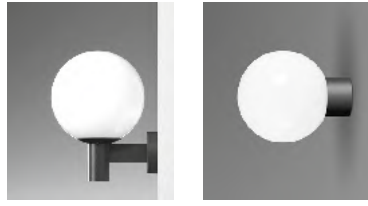
There are matching corner blocks for installing these wall luminaires on the corner of a building. You can find technical information on our website in the instructions for use for all luminaires.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

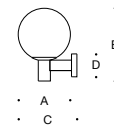
Luminaire data

Luminaire luminous flux	665 to 1205 lm
Connected wattage	7.0 to 12.0 W
Protection class	IP 44 · IP 65
Cast aluminium, aluminium and stainless steel	
Opal glass	
LED lamps colour temperature 3000K	
Included in the delivery	
Luminaire colour · BEGA Unidure®	
■ Graphite	



Ceiling, wall and pillar luminaires · IP 65

	LED lamp included	Base	A	B	C
44 568	1 × 7.0 W	690 lm	E 27	200	250 110
44 668	1 × 8.0 W	905 lm	E 27	250	310 110
44 769	1 × 12.0 W	1205 lm	E 27	300	350 120



Wall luminaires with wall arm · IP 44

	LED lamp included	Base	A	B	C	D
55 453	1 × 7.0 W	665 lm	E 27	210	300	240 110
55 454	1 × 8.0 W	905 lm	E 27	250	350	280 110
66 165	1 × 12.0 W	1160 lm	E 27	350	480	410 130

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

Long established as classics, for decades these luminaires have been used for all manner of lighting applications in buildings. The luminaires are inspired by traditional lanterns and today illuminate both stylish buildings and historical architecture. There are matching corner blocks for installing these wall luminaires on the corner of a building. You can find technical information on our website in the instructions for use for all luminaires.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	685 to 910 lm
Connected wattage	10.8 · 12.0 W
Protection class	IP 44

Cast aluminium, aluminium and stainless steel

Opal glass with thread

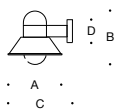
Luminaires with LED module:
on/off power supply units
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**

LED lamps colour temperature 3000 K
Included in the delivery

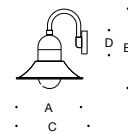
Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for
LED modules



Wall luminaires

	LED	PSU	A	B	C	D	AC/DC	
66 410	10.8 W	830 lm	on/off	260	255	310	110	✓
	LED lamp included		Base					
66 290	1 × 12.0 W	685 lm	E 27	260	255	310	110	—



Wall luminaires

	LED	PSU	A	B	C	D	AC/DC	
66 411	10.8 W	910 lm	on/off	320	380	345	110	✓
	LED lamp included		Base					
66 491	1 × 12.0 W	810 lm	E 27	320	380	345	110	—

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

The shape of the lantern is unmatched in its diversity. Originally intended to illuminate houses and courtyards, the shape was clearly determined by function. Copper with its vivid surface accentuates the special character of these luminaires. Stylish light objects for houses and courtyards, alongside and above doors, and for a host of other lighting applications.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	280 to 410 lm
Connected wattage	4.1 to 7.0 W
Protection class	IP 44

Copper and brass
Hand-blown opal glass with thread
Mounting plate made of stainless steel

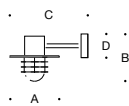
Luminaires with LED module:
BEGA Ultimate Driver®
Power supply units on/off
BEGA Thermal Management®

Colour temperature for LED modules
3000 K – article number + **K3**

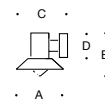
LED lamps colour temperature 3000 K
Included in the delivery

20-year availability guarantee for
LED modules





Wall luminaire								
	LED		PSU	A	B	C	D	AC/DC
31171	5.0 W	375 lm	on/off	235	225	370	110	✓



Wall luminaires								
	LED		PSU	A	B	C	D	AC/DC
31058	4.1 W	305 lm	on/off	180	165	200	90	✓
31060	5.0 W	410 lm	on/off	260	205	280	110	✓
	LED lamp included		Base					
31263	1 × 7.0 W	280 lm	E 27	260	205	280	110	—

Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires · Garden luminaire

These luminaires create a pleasant lighting atmosphere with their shielded light. Arranged as single luminaires or in groups, they are stylish lighting elements for the illumination of houses and gardens, and anywhere else atmospheric light is desired.

These BEGA garden luminaires are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	255 · 420 lm
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Connected wattage	7.0 · 12.0 W
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Wall luminaires protection class	IP 44
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Garden luminaire Protection class	IP 64
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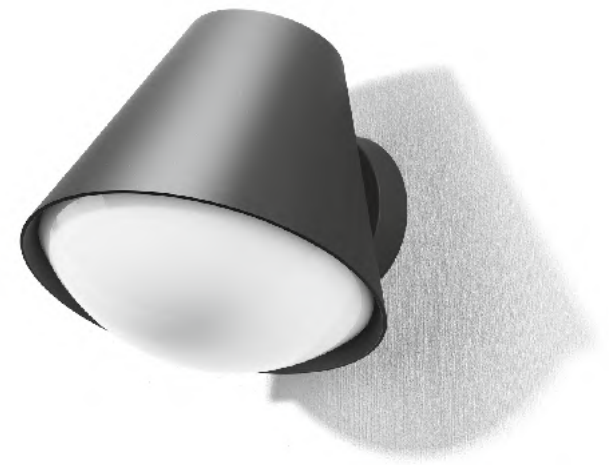
Cast aluminium, aluminium and stainless steel

Hand-blown opal glass with thread

LED lamps colour temperature 3000 K
Included in the delivery

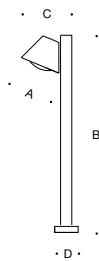
Luminaire colour · BEGA Unidure®

■ Graphite



Wall luminaires

	LED lamp included	Base	A	B	C	D
31 035	1 × 7.0 W 255 lm	E 27	200	185	220	80
31 039	1 × 12.0 W 420 lm	E 27	260	245	275	110



Garden luminaire

	LED lamp included	Base	Connection	A	B	C	D	Anch. unit
84 073	1 × 7.0 W 255 lm	E 27	Terminals 3 × 4 [□]	200	1000	300	140	70 895

Technical data for BEGA LED lamps can be found on Page 564.



Garden luminaire · Wall luminaires

The light from the luminaires is shielded upwards and forwards by an aluminium shield, and directed onto the illuminated surface. A small slit of light highlights the contours of the luminaire.

The wall luminaires can be installed with the light emission either to the top or bottom. Whether arranged as single luminaires – around buildings – or as groups: These are stylish elements for illuminating houses, gardens and wherever else atmospheric lighting is required.

These BEGA garden luminaires are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

We supply the luminaires with an E 14 or E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

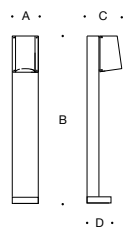
Luminaire data

Luminaire luminous flux	60 to 105 lm
Connected wattage	4.0 · 7.0 W
Wall luminaires Protection class	IP 44
Garden luminaire Protection class	IP 64
Cast aluminium, aluminium and stainless steel	
Antique glass	
LED lamps colour temperature 3000 K	
Included in the delivery	
Luminaire colour · BEGA Unidure®	
■ Graphite	



Wall luminaires

	LED lamp included	Base	A	B	C
31 196	1 × 4.0 W	60 lm	E 14	135	185 120
31 197	1 × 7.0 W	105 lm	E 27	155	220 145



Garden luminaire

	LED lamp included	Base	Connection	A	B	C	D	Anch. unit
84 075	1 × 7.0 W	80 lm	E 27	Terminals 3 × 4 [□]	160	1000	210 160	70 895

Technical data for BEGA LED lamps can be found on Page 564.



Bollards

Bollards with an optical cylindrical lens made of crystal glass.

The cylindrical lens with its special light emission characteristics can look back on a long tradition in marine lanterns and beacons. Bundling the light rays produces a fascinating and brilliant lighting atmosphere. Luminaires for a host of applications in the illumination of paths, flower-beds and terraces – not only in a maritime context.

These BEGA bollards are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by

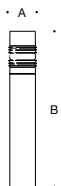
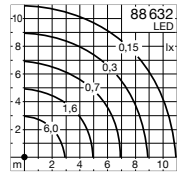
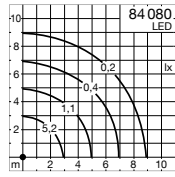
the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	750 · 900 lm
Connected wattage	8.0 · 12.0 W
Protection class	IP 55
Cast aluminium, aluminium and stainless steel	
Cylindrical lens made of crystal glass	
LED lamps colour temperature 3000 K	
Included in the delivery	
Luminaire colour · BEGA Unidure®	
■ Graphite	



Bollards							
	LED lamp included	Base	Connection	A	B	Anch. unit	
84 080	1 × 8,0 W	750 lm	E 27	Terminals 3 × 4 [□]	140	800	70 894
88 632	1 × 12,0 W	900 lm	E 27	70 632	165	1000	70 895



Technical data for BEGA LED lamps can be found on Page 564.



Bollard
Shielded light

Robust bollard with rotationally symmetrical, shielded light.

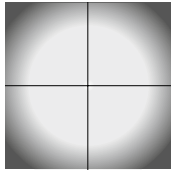
The light is deflected by a reflector and directed onto the surfaces to be illuminated with rotational symmetry and free of glare. A luminaire for the wide-area illumination of footpaths, entrance areas and driveways in private and public areas.

This BEGA bollard is equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

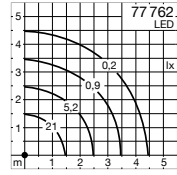
Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	425 lm
Connected wattage	13.6 W
Protection class	IP 65
Cast aluminium, aluminium and stainless steel	
Borosilicate glass	
Reflector made of pure anodised aluminium	
on/off power supply units	
BEGA Thermal Management®	
LED colour temperature	3000K – article number + K3
Luminaire colour · BEGA Unidure®	■ Graphite
20-year availability guarantee for LED modules	



Light emission 360°



Bollard									
	LED	PSU	Connection box	A	B	C	AC/DC	Anch. unit	
77 762	13,6 W	425 lm	on/off	70 632	165	860	220	✓	70 896





Wall luminaires · Pendant luminaires · Garden luminaires

This luminaire series comprises wall luminaires, pendant luminaires and garden luminaires.

Shielded luminaires made of copper and hand-blown, three-ply opal glass in different sizes. These durable and aesthetically pleasing luminaires create a pleasant atmosphere with their soft light.

Whether arranged as single luminaires – around buildings – or as groups:

These luminaires are stylish elements for illuminating houses, gardens and wherever else atmospheric lighting is required.

Copper has a long and rich tradition, which we have continued in these luminaires. Copper forms its own protective coating over time, and gradually develops its distinctive character through the resulting patina.

Wall luminaires are fixed to the mounting surface with a stainless steel mounting plate.

These BEGA garden luminaires are equipped with an alignable mounting system. It can either be bolted onto a foundation provided by the customer, or onto a BEGA anchorage unit. Please order the anchorage unit as separate accessory. Additional information on BEGA anchorage units can be found on Page 583.

We supply the luminaires with an E 14 or E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux 140 to 350 lm

Connected wattage 4.0 to 8.0 W

Wall luminaires and garden luminaires Protection class IP 44

Pendant luminaires Protection class IP 20

Copper, brass and cast brass

Hand-blown opal glass with thread

84 074 Crystal bubble glass with thread

Pendant luminaire with cable pendant

Colour black

Garden luminaires with base plate made of cast bronze

LED lamps colour temperature 3000 K
Included in the delivery



Garden luminaires					Anch. unit		
	LED lamp included	Base	A	B	C		
84 071	1 × 4,0 W	205 lm	E 14	220	950	130	70 894
84 074	1 × 7,0 W	350 lm	E 27	300	1000	150	70 895



Garden luminaires



Wall luminaires

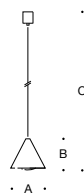


Pendant luminaire



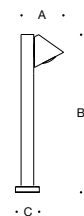
Wall luminaires

	LED lamp included	Base	A	B	C	D	
31 472	1 × 7.0 W	140 lm	E 27	210	185	245	110
31 473	1 × 8.0 W	190 lm	E 27	250	225	285	110



Pendant luminaire · Protection class IP 20

	LED lamp included	Base	A	B	C	
31 073	1 × 8.0 W	220 lm	E 27	250	225	1500



Garden luminaire

	LED lamp included	Base	A	B	C	Anch. unit	
84 072	1 × 7.0 W	250 lm	E 27	280	1000	150	70 895



84 071
84 074



84 072

Technical data for BEGA LED lamps can be found on Page 564.



Pillar luminaire

Wall luminaires · Pillar luminaires · Pole-top luminaire

A luminaire series comprising wall luminaires, pillar luminaires and a pole-top luminaire.

Luminaires with an appearance defined by handcrafted production. Copper, cast brass and hand-blown crystal bubble glass lend these durable luminaires their very own distinctive charm.

Whether arranged as single luminaires – around buildings – or as groups: They are stylish light elements for illuminating the house and garden.

Wall luminaires and pillar luminaires are fixed to the mounting surface with a stainless steel mounting plate.

In the table, we recommend poles made of copper with a base plate made of cast bronze, which match the design and statics of the pole-top luminaires in this series. You can find the complete overview as well as the technical data of all luminaire poles, anchorage units and connection boxes on Pages 583 to 593.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

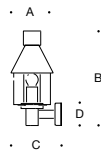
Luminaire data

Luminaire luminous flux	850 · 965 lm
Connected wattage	12.0 W
Protection class	IP 23

Copper, cast brass and brass
Pillar luminaires with base plate made of cast bronze

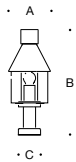
Hand-blown crystal bubble glass

LED lamps colour temperature 3000 K
Included in the delivery



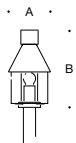
Wall luminaires

	LED lamp included		Base	A	B	C	D
31 441	1 × 12.0 W	850 lm	E 27	210	450	240	110
31 323	1 × 12.0 W	965 lm	E 27	250	530	285	110



Pillar luminaires

	LED lamp included		Base	A	B	C
31 570	1 × 12.0 W	850 lm	E 27	210	520	130
31 623	1 × 12.0 W	965 lm	E 27	250	710	150



Pole-top luminaire

	LED lamp included		Base	A	B
84 032	1 × 12.0 W	850 lm	E 27	210	390

Luminaire poles

Pole heights	Top	Group
1700-2000	Ø60	40



Technical data for BEGA LED lamps can be found on Page 564.



Wall luminaires

Wall luminaires made of copper, cast brass and brilliant crystal glass.

Handcrafted luminaires which fascinate by their high-quality materials and timeless beauty.

Whether arranged as single luminaires – around buildings – or as groups: They are stylish light elements for illuminating the house and garden.

We supply the luminaires with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

For planning and installation, please refer to the technical planning data in the instructions for use and data sheets on our website.

Luminaire data

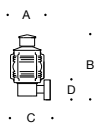
Luminaire luminous flux	800 to 925 lm
Connected wattage	8.0 · 12.0 W
Protection class	IP 44

31 019 Copper · Brass guard
Cylindrical lens made of crystal glass
Mounting plate made of stainless steel

31 382 · 31 406 Copper, cast brass
and brass

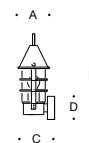
Hand-blown crystal bubble glass
Mounting plate made of stainless steel

LED lamps colour temperature 3000 K
Included in the delivery



Wall luminaire

	LED lamp included	Base	A	B	C	D
31 019	1 × 12.0 W	840 lm	E 27	180	345	210 110



Wall luminaires

	LED lamp included	Base	A	B	C	D
31 382	1 × 8.0 W	800 lm	E 27	155	415	175 110
31 406	1 × 12.0 W	925 lm	E 27	210	520	240 110

Technical data for BEGA LED lamps can be found on Page 564.



Wall mounting with BEGA corner block

»Copenhagen«

Wall luminaires · Pillar luminaires · Pole-top luminaires

Stylish luminaires which will impress you by their combination of materials, high-quality workmanship and modern lighting technology. Wall luminaires, pillar luminaires and pole-top luminaires in various sizes and light outputs, either with LED or for lamps with screw base E 27.

Suitable corner blocks are available for installing these wall luminaires on the corner of a house.

You can find technical information on our website in the instructions for use for all luminaires.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.

Luminaire data

Luminaire luminous flux 405 to 1215 lm

Connected wattage 5.0 to 14.3 W

Protection class IP 23

84 043 Protection class IP 65

Luminaire top made of copper

Fitting made of cast aluminium and aluminium

Hand-blown crystal glass

Luminaires with LED module:

on/off power supply units

BEGA Thermal Management®

Colour temperature for LED modules

3000K – article number + **K3**

LED lamps colour temperature 3000K

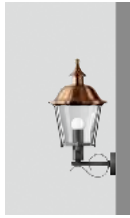
Included in the delivery

Luminaire colour · BEGA Unidure®

■ Graphite

20-year availability guarantee for

LED modules



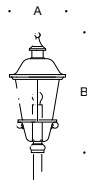
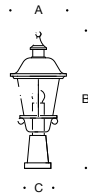
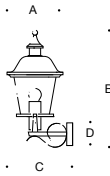
Wall luminaires
31 078 · 31 369



Wall luminaire
31 085



Pillar luminaires
31 805 · 31 806
31 657



Wall luminaires

	LED	PSU	A	B	C	D	AC/DC	
31 078	5.0 W	405 lm	on/off	275	570	320	110	✓
31 085	14.3 W	800 lm	on/off	360	840	525	130	✓
	LED lamp included		Base					
31 369	1 × 12.0 W	1075 lm	E 27	275	570	320	110	—

Pillar luminaires

	LED	PSU	A	B	C	AC/DC	
31 805	5.0 W	405 lm	on/off	275	670	130	✓
31 806	14.3 W	800 lm	on/off	360	1030	150	✓
	LED lamp included		Base				
31 657	1 × 12.0 W	1075 lm	E 27	275	670	130	—

Pole-top luminaires

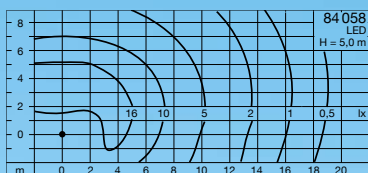
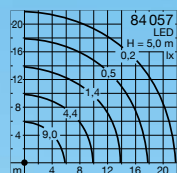
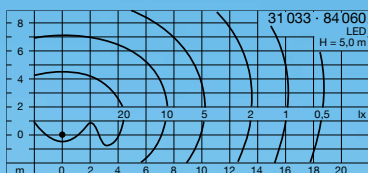
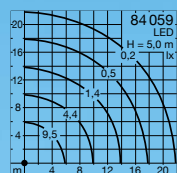
	LED	PSU	A	B	AC/DC	
84 041	5.0 W	405 lm	on/off	275	500	✓
84 042	14.3 W	800 lm	on/off	360	750	✓
84 043	13.6 W	1215 lm	on/off	510	1150	✓
	LED lamp included		Base			
84 044	1 × 12.0 W	1075 lm	E 27	275	500	—

Luminaire poles

Pole heights	Top	Groups
2000	Ø60	11 · 31
2500	Ø60	14 · 34
3000 - 3500	Ø76	14 · 34
2000	Ø60	11 · 31



Technical data for BEGA LED lamps can be found on Page 564.



» Schaffhausen «
Wall luminaire · Pole-top luminaires

Stylish luminaires with symmetrical or asymmetrical light distribution.
Luminaires with tube bows for installation on walls or as pole-top luminaires.
We also supply pole-top luminaires from the "Schaffhausen" series with tube bows for central installation on a pole.
These can be used to illuminate streets and pedestrian zones in city centres, residential areas and parks.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series.

You can find the complete overview as well as the technical data of all luminaire poles, anchorage units and connection boxes on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

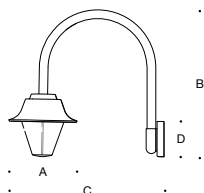
Luminaire luminous flux	4350 to 4740 lm
Connected wattage	38.5 W
Protection class	IP 65
Aluminium, cast aluminium and stainless steel	
Clear synthetic cover	
Wall luminaires: Mounting plate made of stainless steel	
Reflector made of pure anodised aluminium	
BEGA Ultimate Driver® · DALI-controllable	
BEGA Thermal Management®	
LED colour temperature	
3000 K – article number + K3	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	



Wall luminaire

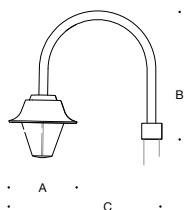


Pole-top luminaires



Wall luminaire **with tube bow**

	LED	PSU	A	B	C	D	AC/DC	
31 033 Asymmetrical	38.5 W	4740 lm	DALI	Ø330	710	760	Ø170	✓

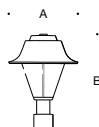


Pole-top luminaires **with tube bow**

	LED	PSU	A	B	C	AC/DC	
84 059 Symmetrical	38.5 W	4580 lm	DALI	Ø330	710	740	✓
84 060 Asymmetrical	38.5 W	4740 lm	DALI	Ø330	710	740	✓

Luminaire poles

Pole heights	Top	Groups
3500-5000	Ø76	13 · 14 33 · 34
3500-5000	Ø76	13 · 14 33 · 34



Pole-top luminaires

	LED	PSU	A	B	AC/DC	
84 057 Symmetrical	38.5 W	4350 lm	DALI	Ø330	450	✓
84 058 Asymmetrical	38.5 W	4470 lm	DALI	Ø330	450	✓

Luminaire poles

Pole heights	Top	Groups
3500-5000	Ø76	13 · 14 33 · 34
3500-5000	Ø76	13 · 14 33 · 34



The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.

“Strasbourg”
Wall luminaires · Pillar luminaires · Pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship. Wall luminaires with various overhangs and pillar luminaires as well as pole-top luminaires in various sizes.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	335 to 1005 lm
Connected wattage	7.0 to 14.3 W

Protection class	IP 44
84 046 Protection class	IP 65

Cast aluminium and stainless steel
Crystal bubble glass
31 430 with antique glass panes

Luminaires with LED module:
on/off power supply unit
BEGA Thermal Management®

Colour temperature for LED modules
3000K – article number + **K3**

LED lamps with a colour temperature of
3000K are included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for
LED modules



Wall luminaire
31 430



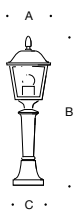
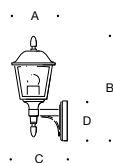
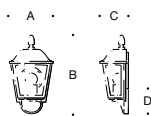
Wall luminaire
31 426



Wall luminaire
31 428



Pillar luminaire
31 552



Wall luminaire for near-wall installation

	LED lamp included	Base	A	B	C	D
31 430	1 × 7.0 W	335 lm E 27	215	375	140	110

Wall luminaires with wall arm

	LED lamp included	Base	A	B	C	D
31 426	1 × 7.0 W	360 lm E 27	170	360	230	110
31 428	1 × 7.0 W	460 lm E 27	215	515	275	110

Pillar luminaire

	LED lamp included	Base	A	B	C
31 552	1 × 7.0 W	460 lm E 27	215	730	150

Pole-top luminaires

	LED	PSU	A	B	AC/DC
84 045	14.3 W	585 lm on/off	260	555	✓
84 046	13.6 W	1005 lm on/off	400	840	✓
	LED lamp included	Base	A	B	AC/DC
84 047	1 × 7.0 W	460 lm E 27	215	430	—

Luminaire poles

Pole heights	Top	Groups
2000	Ø 60	47
2500 - 3000	Ø 76	44 · 47
2000	Ø 60	47

Technical data for BEGA LED lamps can be found on Page 564.





The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.

“Bruges”
Wall luminaires - Pillar luminaire
Pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship. Wall luminaires with various overhangs and pillar luminaires as well as pole-top luminaires in various sizes.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	370 to 805 lm
Connected wattage	7.0 to 14.3 W
Protection class	IP 44

Aluminium, cast aluminium and stainless steel
31 415 · 31 559 · 84 050
Crystal bubble glass
31 435 · 84 048 · 84 049
Antique glass panes

Luminaires with LED module:
on/off power supply unit
BEGA Thermal Management®

Colour temperature for LED modules
3000K – article number + **K3**

LED lamps with a colour temperature of 3000K are included in the delivery

Luminaire colour · BEGA Unidure®
■ Graphite

20-year availability guarantee for LED modules

Fig. left: Also available with opal glass as custom-made product



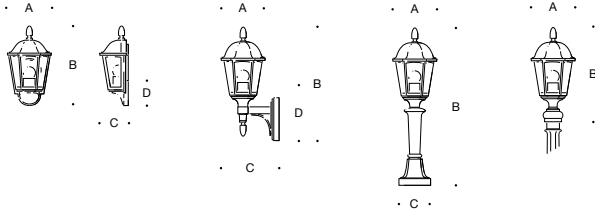
Wall luminaire
31 435



Wall luminaire
31 415



Pillar luminaire
31 559



Wall luminaire for near-wall installation

	LED lamp included	Base	A	B	C	D
31 435	1 × 7.0 W	370 lm E 27	215	375	130	110

Wall luminaire with wall arm

	LED lamp included	Base	A	B	C	D
31 415	1 × 7.0 W	475 lm E 27	210	540	270	110

Pillar luminaire

	LED lamp included	Base	A	B	C
31 559	1 × 7.0 W	475 lm E 27	210	750	150

Pole-top luminaires

	LED	PSU	A	B	AC/DC
84 048	14.3 W	565 lm on/off	280	585	✓
84 049	13.6 W	805 lm on/off	430	895	✓
	LED lamp included	Base	A	B	AC/DC
84 050	1 × 7.0 W	475 lm E 27	210	445	—

Luminaire poles

Pole heights	Top	Groups
2000	Ø 60	47 · 48
3000 - 3500	Ø 76	47 · 48
2000	Ø 60	47 · 48



Technical data for BEGA LED lamps can be found on Page 564.



“Rome”

Wall luminaires · Pillar luminaires · Pole-top luminaires

Stylish luminaires which impress by their high-quality materials and workmanship and their modern lighting technology. Wall luminaires and pillar luminaires as well as pole-top luminaires in various sizes.

We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux,

maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.



The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.

Luminaire data

Luminaire luminous flux	440 to 930 lm
Connected wattage	7.0 to 14.3 W
Protection class	IP 23
31 431 · 31 553 · 84 052	
Protection class	IP 44

Aluminium, cast aluminium and stainless steel
 31 431 · 31 553
 Hand-blown crystal bubble glass
 31 025 · 31 026 · 84 051
 Antique glass panes
 84 052 Antique safety glass (TSG)

Luminaires with LED module:
 on/off power supply unit
 BEGA Thermal Management®

Colour temperature for LED modules
 3000K – article number + **K3**

LED lamps with a colour temperature of 3000K are included in the delivery

Luminaire colour · BEGA Unidure®
 ■ Graphite

20-year availability guarantee for LED modules



Wall luminaire
31 431



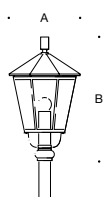
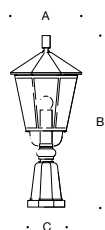
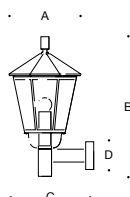
Wall luminaire
31 025



Pillar luminaire
31 553



Pillar luminaire
31 026



Wall luminaires

	LED		PSU	A	B	C	D	AC/DC
31 025	14.3 W	610 lm	on/off	340	670	400	130	✓
	LED lamp included		Base					
31 431	1 × 7.0 W	440 lm	E 27	210	390	260	110	—

Pillar luminaires

	LED		PSU	A	B	C	AC/DC
31 026	14.3 W	610 lm	on/off	340	830	180	✓
	LED lamp included		Base				
31 553	1 × 7.0 W	440 lm	E 27	210	510	130	—

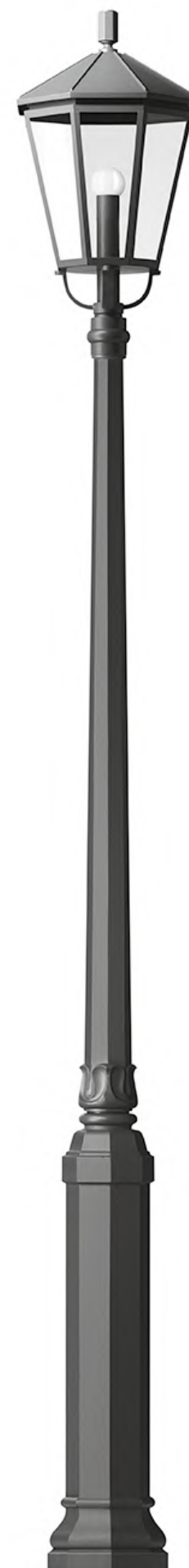
Pole-top luminaires

	LED		PSU	A	B	AC/DC
84 051	14.3 W	610 lm	on/off	340	600	✓
84 052	13.6 W	930 lm	on/off	470	900	✓

Luminaire poles

Pole heights	Top	Group
2000	Ø 60	48
3500	Ø 76	48

Technical data for BEGA LED lamps can be found on Page 564.





The LED luminaires in this series are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.

“Berlin”
Wall luminaires · Pillar luminaires
Pole-top luminaires

Stylish wall luminaires, pillar luminaires and pole-top luminaires boasting high-quality materials and workmanship, and modern lighting technology.

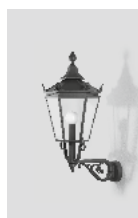
We supply the luminaires with built-in LED modules or with an E 27 screw base, complete with the number of corresponding LED lamps shown in the table.

In the table, we recommend BEGA luminaire poles whose finish and colour as well as design and statics match the pole-top luminaires in this series. You can find the complete overview and technical data for all BEGA luminaire poles, connection boxes and anchorage units on Pages 583 to 593.

Please refer to the technical planning data for planning and installation. The current values for LED service life, luminous flux, maximum ambient temperature and information on BEGA Thermal Management® are available at all times in the instructions for use and data sheets on our website.

Luminaire data

Luminaire luminous flux	355 to 980 lm
Connected wattage	5.0 to 14.3 W
Protection class	IP 23
84 055 Protection class	IP 44
Aluminium, cast aluminium and stainless steel	
Antique glass panes	
Luminaires with LED module: on/off power supply unit BEGA Thermal Management®	
Colour temperature for LED modules 3000 K – article number + K3	
LED lamps with a colour temperature of 3000 K are included in the delivery	
Luminaire colour · BEGA Unidure®	
■ Graphite	
20-year availability guarantee for LED modules	



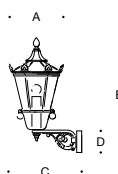
Wall luminaires
31 027 · 31 028
31 410



Pillar luminaires
31 030 · 31 688



Pillar luminaire
31 031



Wall luminaires

	LED	PSU	A	B	C	D	AC/DC	
31 027	5.0 W	355 lm	on/off	260	565	320	110	✓
31 028	14.3 W	695 lm	on/off	365	800	480	150	✓
	LED lamp included	Base						
31 410	1 × 12.0 W	650 lm	E 27	260	565	320	110	—

Pillar luminaires

	LED	PSU	A	B	C	AC/DC	
31 030	5.0 W	355 lm	on/off	260	640	130	✓
31 031	14.3 W	695 lm	on/off	365	950	150	✓
	LED lamp included	Base					
31 688	1 × 12.0 W	650 lm	E 27	260	640	130	—

Pole-top luminaires

	LED	PSU	A	B	AC/DC	
84 053	5.0 W	355 lm	on/off	260	510	✓
84 054	14.3 W	695 lm	on/off	365	710	✓
84 055	13.6 W	980 lm	on/off	525	1070	✓
	LED lamp included	Base				
84 056	1 × 12.0 W	650 lm	E 27	260	510	—

Luminaire poles

Pole heights	Top	Groups
2000	Ø 60	47 · 49
3000 - 3500	Ø 60	47
3000 - 3500	Ø 76	47
2000	Ø 60	47 · 49

Technical data for BEGA LED lamps can be found on Page 564.





BEGA accessories

On the following pages you will find suitable accessories and useful installation aids for operating, connecting and installing our luminaires.

All components are specially designed to match our luminaires and take account of many different installation situations. They enable technically perfect installation in ceilings, walls and floors, as well as mounting on foundations provided by the customer and other special requirements.

The power supply units, plug connectors, transformers and overvoltage protection units are the ideal accessories for operating our luminaires.



LED Lamps

Some of our luminaires are equipped with a conventional G9, E14 or E27 base.

We supply the luminaires complete with the number of corresponding LED lamps shown in the table. All LED lamps on this double page can also be ordered separately.

These pages provide an overview of our LED lamps in switchable and dimmable versions.

LED lamps consume significantly less energy than conventional lamps, have a considerably longer life, and have much lower operating costs. They also have no power-up delay and are insensitive to frequent switching on and off.

BEGA LED lamps boast an average service life of 15.000 hours and are available with a light colour of either 2700 Kelvin or 3000 Kelvin.

Our LED lamps are also available in radio-controlled versions. They use the Zigbee standard and are also available with tunable white or RGBW functions.

The data quoted in the table may change as a result of technical progress.

Information concerning the current values is always provided in the data sheets on our website.

If the Zigbee 3.0 radio-controlled LED lamp is intended for outdoor use, the luminaire should be rated at least IP 65.



Clear



LED lamp for G9 base · 2700 K

	LED		Dimmable		Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 598	4.0 W	390 lm	Clear	Yes	2700K	>80	15 000 h	>7500 x	-20 to +65 °C	F	19	62

LED lamp for G9 base · 3000 K

	LED		Dimmable		Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 597	4.0 W	400 lm	Clear	Yes	3000K	>80	15 000 h	>7500 x	-20 to +65 °C	F	19	62



Clear

Matt



LED lamps for screw base E14 · 2700 K

	LED		Dimmable		Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 549	4.0 W	470 lm	Clear	No	2700K	>80	15 000 h	>100 000 x	-20 to +40 °C	E	35	98
13 553	5.0 W	470 lm	Clear	Yes	2700K	>80	15 000 h	>100 000 x	-20 to +40 °C	F	35	120
13 552	4.0 W	470 lm	Matt	No	2700K	>80	15 000 h	>100 000 x	-20 to +40 °C	E	35	98
13 554	5.0 W	470 lm	Matt	Yes	2700K	>80	15 000 h	>100 000 x	-20 to +40 °C	F	35	120

LED lamps for screw base E14 · 3000 K

	LED		Dimmable		Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 593	4.0 W	470 lm	Clear	No	3000K	>80	15 000 h	>100 000 x	-20 to +40 °C	E	35	98
13 595	4.5 W	470 lm	Clear	Yes	3000K	>80	15 000 h	>100 000 x	-20 to +40 °C	F	35	120
13 594	4.0 W	470 lm	Matt	No	3000K	>80	15 000 h	>100 000 x	-20 to +40 °C	E	35	98
13 596	4.5 W	470 lm	Matt	Yes	3000K	>80	15 000 h	>100 000 x	-20 to +40 °C	F	35	120

LED lamps for screw base E14 · Zigbee

	LED		Controllable		Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 558	5.3 W	470 lm	Matt	Yes	2700K	>80	25 000 h	>30 000 x	-20 to +40 °C	F	38	110
13 559	5.8 W	470 lm	Matt	Yes · TW	2700 - 6500K	>80	25 000 h	>30 000 x	-20 to +40 °C	G	38	110

*EEC=Energy Efficiency Class on a scale from A-G in accordance with the "Commission Delegated Regulation (EU) 2019/2015".
The complete energy labels and product data sheets are available for download from the respective product pages on our website.



Clear



Matt



LED lamps for screw base E27 · 2700 K

	LED		Dimmable	Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 509	7.0 W 805 lm	Clear	No	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 511	8.0 W 1055 lm	Clear	No	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	67	118
13 562	12.0 W 1520 lm	Clear	No	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125
13 547	7.0 W 805 lm	Clear	Yes	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 563	12.0 W 1520 lm	Clear	Yes	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125
13 510	7.0 W 805 lm	Matt	No	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 512	8.0 W 1055 lm	Matt	No	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	67	118
13 564	12.0 W 1400 lm	Matt	No	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125
13 548	7.0 W 805 lm	Matt	Yes	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 565	12.0 W 1400 lm	Matt	Yes	2700K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125

LED lamps for screw base E27 · 3000 K

	LED		Dimmable	Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 583	7.0 W 805 lm	Clear	No	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 587	8.0 W 1055 lm	Clear	No	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	67	118
13 589	12.0 W 1520 lm	Clear	No	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125
13 585	7.0 W 805 lm	Clear	Yes	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 591	12.0 W 1520 lm	Clear	Yes	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125
13 584	7.0 W 805 lm	Matt	No	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 588	8.0 W 1055 lm	Matt	No	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	67	118
13 590	12.0 W 1400 lm	Matt	No	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125
13 586	7.0 W 805 lm	Matt	Yes	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	60	105
13 592	12.0 W 1400 lm	Matt	Yes	3000K	>80	15000 h	>100000x	-20 bis +40 °C	E	70	125

LED lamps for screw base E27 · Zigbee

	LED		Controllable	Colour temperature	CRI	Service life	Switching cycles	Ambient temperature	EEC*	A	B
13 555	9.0 W 805 lm	Matt	Yes	2700K	>80	25000 h	>30000x	-20 bis +40 °C	F	60	120
13 556	9.0 W 805 lm	Matt	Yes · TW	2700 - 6500K	>80	25000 h	>30000x	-20 bis +40 °C	F	60	120
13 557	9.5 W 805 lm	Matt	Yes · TW · RGBW	2700 - 6500K	>80	25000 h	>30000x	-20 bis +40 °C	F	60	120

* EEC = Energy Efficiency Class on a scale from A - G in accordance with the "Commission Delegated Regulation (EU) 2019/2015". The complete energy labels and product data sheets are available for download from the respective product pages on our website.



BEGA power supply units for LED luminaires 24 V DC

Some LED luminaires in our range are supplied without a power supply unit. The corresponding power supply units for these luminaires can be found as an accessory on this page.

Several luminaires can be connected to BEGA power supply units with 24 V DC output voltage.

Please note the maximum output of the power supply unit and the maximum cable length due to the drop in voltage.

You can find the complete technical data for the power supply units in the instructions for use on our website. The installation and operation of these power supply units are subject to national safety regulations.



Electronic power supply unit · 24 V DC · 1 to 42 W

Input voltage: AC: 110-264 V ~ 50-60 Hz
DC: 170-280 V

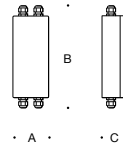
Output voltage: 24 V DC

Protection class IP 65

Cast aluminium, aluminium and stainless steel

Please note:

This electronic power supply unit is not suitable for the operation of recessed luminaires for swimming pools.



Output A B C

Model	Type	Output	A	B	C
70 114	PSU 24 V DC	1 - 42 W	105	240	70



Magnetic power supply units · 24 V DC · 5 to 35 W

Safety transformers

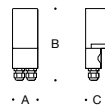
in accordance with EN 61558/VDE 0570 Parts 2-6

Input voltage: 230 V ~ 50-60 Hz

Output voltage: 24 V DC

Protection class IP 65 · Safety class II

Version encapsulated in cast resin



Output A B C

Model	Type	Output	A	B	C
70 564	PSU 24 V DC	5 - 15 W	55	215	50
70 465	PSU 24 V DC	10 - 25 W	55	215	50
70 565	PSU 24 V DC	20 - 35 W	55	215	50



Magnetic power supply units · 24 V DC · 30 to 150 W

Safety transformers

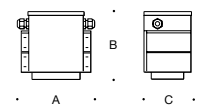
in accordance with EN 61558/VDE 0570 Parts 2-6

Input voltage: 230 V ~ 50-60 Hz

Output voltage: 24 V DC

Protection class IP 65 · Safety class II

Version encapsulated in cast resin



Output A B C

Model	Type	Output	A	B	C
70 566	PSU 24 V DC	30 - 50 W	155	130	90
70 567	PSU 24 V DC	40 - 75 W	155	130	90
70 169	PSU 24 V DC	70 - 150 W	185	175	110



BEGA overvoltage protection and inrush current limiter

Overvoltage poses an increased risk for LED luminaires. Overvoltage damage can include complete or partial failure of the LED modules, loss of brightness or failure of the electronic components.

Overvoltage events have a negative impact on the service life of LED luminaires, even if they remain operational.

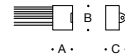
To protect your LED lighting system, we recommend the use of overvoltage protection components and inrush current limiters for various applications.



Overvoltage protection

for single-phase end devices (on/off power supply unit)

CITEL overvoltage protection type 2 + 3 (in accordance with EN 61643-11) for the protection of single-phase end devices (on/off power supply unit). For installation in luminaires or connection boxes



A B C

71 045 Overvoltage protection

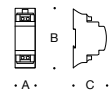
30 37 30



Inrush current limiter

Limits the starting current of electronic ballasts and LED drivers to 33.9 A for 300 ms, an acceptable value for circuit protection.

For DIN rail mounting



A B C

71 039 Inrush current limiter

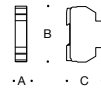
37 110 62



Overvoltage protection

for single-phase end devices (on/off power supply unit)

CITEL overvoltage protection type 2 + 3 (in accordance with EN 61643-11) for the protection of single-phase end devices (on/off power supply unit). For DIN rail mounting



A B C

71 048 Overvoltage protection

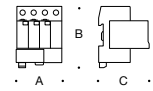
18 90 58



Overvoltage protection

for 3-phase end devices

CITEL overvoltage protection type 1 + 2 + 3 (in accordance with EN 61643-11) for the protection of 3-phase end devices for application in TT and TNS low voltage networks. For DIN rail mounting



A B C

71 049 Overvoltage protection

72 100 80

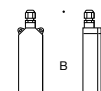


Overvoltage protection

for single-phase end devices (on/off power supply unit)

CITEL overvoltage protection type 2 + 3 (in accordance with EN 61643-11) for the protection of single-phase end devices (on/off power supply unit). For installation in luminaire poles, bollards and suspended ceilings as well as for all types of installation outside of luminaires or luminaire groups.

Housing made of glass fibre reinforced synthetic material



A B C

71 046 Overvoltage protection

55 250 45



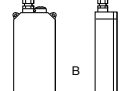
Overvoltage protection

for LED luminaires with 1-10V or DALI interfaces

CITEL overvoltage protection type 2 + 3 (in accordance with EN 61643-11) for the protection of LED luminaires with 1-10V or DALI interface.

For installation in luminaire poles, bollards and suspended ceilings, as well as for all types of installation outside of luminaires or luminaire groups.

Housing made of glass fibre reinforced synthetic material



A B C

71 047 Overvoltage protection

90 270 45



DALI system components

DALI system components are based on the EN 62 386 standard. Simple and convenient light control is the primary focus of all these components. Outdoor luminaires close to the building can also be controlled with DALI.

You can find the complete technical data for all DALI system components in the data sheets on our website.



DALI power supply

For the power supply of DALI devices up to a maximum of 250 mA on a DALI line.

For DIN rail mounting



71 866 DALI power supply 18 98 56



DALI USB interface

For connecting the DALI line to a Windows PC.

Configuration is performed using the DALI Cockpit software (free download from our website).

Mini USB

For DIN rail mounting



71 054 DALI USB interface 18 98 57

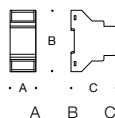


Bluetooth DALI Gateway

For the commissioning and power supply of DALI operating devices and control components in a DALI line with max. 64 operating devices.

Configuration is performed using the free BEGA Tool app.

For DIN rail mounting



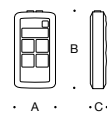
71 075 Bluetooth DALI Gateway 38 92 67



DALI programmer

DALI programmer for the parametrisation of DALI operating devices. Four buttons can be programmed with DALI parameters.

Configuration and parametrisation of the DALI programmer is carried out conveniently in the free BEGA Tool app.



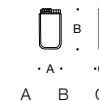
71 153 DALI programmer 70 120 25



DALI power supply

For the power supply of DALI operating devices on a DALI line with up to 15 DALI operating devices.

For installation in switching and cavity boxes



71 094 DALI power supply 30 mA 33 60 15

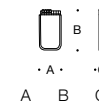


DALI USB interface

For connecting the DALI line to a Windows PC.

Configuration is performed using the DALI Cockpit software (free download from our website).

For installation in switching and cavity boxes



71 024 DALI USB interface 33 60 15

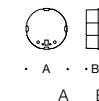


Bluetooth DALI gateway UP

For the commissioning and power supply of DALI operating devices and control components of a DALI line with max. 64 operating devices.

Configuration is performed using the free BEGA Tool app.

For installation in switching and cavity boxes



71 151 Bluetooth DALI Gateway Ø50 35



BEGA Tool

With the BEGA Tool app, you can easily parametrise DALI luminaires with a smartphone through a Bluetooth-DALI gateway or using the DALI programmer. The app allows you to create lighting scenarios and brightness controls as well as configure pushbuttons and sensors.

More information can be found at bega.com/tool.





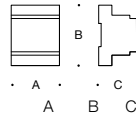
IPAS KNX-DALI gateway

IPAS KNX/DALI gateway for integrating up to 64 luminaires with DALI operating devices in a KNX system. Configuration of 16 DALI groups, 16 DALI lighting scenarios and 16 sequences by means of an application program in the ETS software. DALI colour light control of tunable white and RGBW luminaires (DT8, RGBWAF, xy) can also be implemented in this way.

A KNX learn button for switching from normal mode to addressing mode, and three other buttons for device setting and configuration can be found on the front panel.

Also suitable for operating single emergency lighting battery luminaires with DALI control in accordance with DIN EN 62 386-202.

For DIN rail mounting



71 065	IPAS KNX-DALI gateway	70	86	58
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DALI power reducer

Control unit for automatic power reduction or night-time brightness reduction with an integrated DALI power supply for up to nine additional DALI operating devices.

Not suitable for use with a separate DALI power supply.

For installation in switching and cavity boxes



71 150	DALI power reducer	33	60	15
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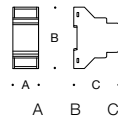


DALI repeater

For extending the DALI bus. A one-off extension of the DALI line from 300m to 600m can be achieved using the DALI repeater. The repeater electrically isolates the bus devices (DS = DALI-SELV). For max. 64 bus devices on the entire DALI line.

A separate 24 V DC power supply unit is required for power supply.

For DIN rail mounting



71 038	DALI repeater	38	92	67
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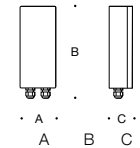


DALI repeater

For DALI bus extension. A one-off extension of the DALI line from 300m to 600m can be achieved using the DALI repeater. The repeater electrically isolates the bus devices (DS = DALI-SELV).

For max. 64 bus devices on the entire DALI line.

Protection class IP 65 · Safety class I
Cast aluminium, aluminium and S/steel
Integrated 24 V DC power supply unit



71 063	DALI repeater in housing	105	240	68
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DALI operating devices DT8

DALI operating devices for

- RGB recessed luminaires 24 V DC for max. 15 luminaires 33 291 · 88 897 or 6 luminaires 33 292 · 88 898 or 2 luminaires 33 293 · 88 899
- RGBW swimming pool luminaires 24 V DC for max. 5 luminaires 99 815

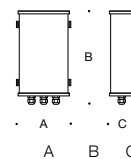
Protection class IP 65 · Safety class I
Cast aluminium, aluminium and stainless steel

Additive colour mixing can be performed using any commercially available DALI colour light control (DT8, RGBW, xy) system.

If no internal DALI power supply is available in the DALI colour light control, DALI power supply 70 866 can be used.

A separate power supply unit is required for operation.

Additional information on BEGA power supply units can be found on Page 566.



71 018	For RGB recessed luminaires 24 V DC	215	310	65
71 019	For RGBW swimming pool luminaires 24 V DC	215	310	65

DALI system components

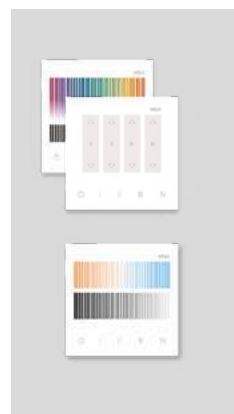
DALI system components are based on the EN 62 386 standard.

Simple and convenient light control is the primary focus of all these components.

Outdoor luminaires close to the building can also be controlled with DALI.

You can find the complete technical data for all DALI system components in the data sheets on our website.

The configuration is performed using either the DALI Cockpit software (free download from our website) or the BEGA Tool App combined with a BEGA Bluetooth DALI gateway.

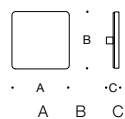


DALI touch panels

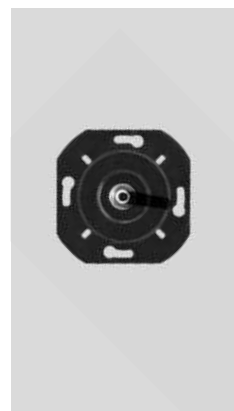
Three multifunctional touch panels for manual control of LED, tunable white and RGBW luminaires (DT6, DT8, RGBWAF).

Colour white

For installation in switching and cavity boxes



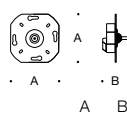
		A	B	C
71 245	RGBW	88	88	17
71 250	Tunable white	88	88	17
71 251	Group control	88	88	17



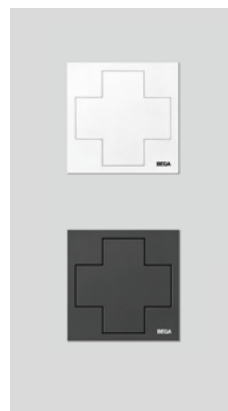
DALI rotary dimmer

DALI rotary dimmer for adjusting the brightness of DALI luminaires and switching them on and off, for controlling tunable white luminaires (DT8), RGB luminaires or RGBW luminaires (DT8). The dimmer can be used in conjunction with most brand-name switch programs.

For installation in switching and cavity boxes



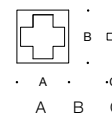
		A	B
71 129	Rotary dimmer	70	38
71 130	Rotary dimmer tunable white	70	38
71 131	Rotary dimmer RGB	70	38
71 164	Rotary dimmer RGBW	70	38



DALI cross switch

Four pushbuttons for user-assignable functions. Groups, lighting scenarios and staircase control can be assigned. Also suitable for manual control of LED and tunable white luminaires (DT6, DT8).

For installation in switching and cavity boxes



		A	B	C
71 025	Cross switch · Colour white	80	80	17
71 056	Cross switch · Colour black	80	80	17



DALI pushbutton module

For up to four potential-free switches/pushbuttons/100-kΩ potentiometers with user-assignable function.

For installation in switching and cavity boxes



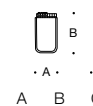
		A	B	C
71 030	DALI pushbutton module	28	40	15



DALI switch module

For up to four 230V switches/pushbuttons/contacts with freely assignable function.

For installation in switching and cavity boxes



		A	B	C
71 058	DALI switch module	33	60	15

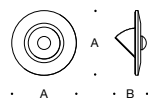


DALI sensors for indoor use

DALI sensors for detecting the movements of persons, brightness values and temperatures.

For controlling DALI LED luminaires

For installation in switching and cavity boxes



A B

71 028	PIR motion and light sensor	100	40
71 029	Light sensor	100	40



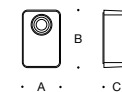
DALI PIR motion and light sensor

Luminaires with a passive infrared motion and light sensor react to thermal radiation in the dark, switching on when people or animals move in the vicinity of the luminaire. An additional DALI power supply 71 094 or 70 866 is required if the luminaires are not going to be operated in a DALI system.

Protection class IP 65 · Cast aluminium and stainless steel
1 rear cable entry

Colour graphite

For outdoor wall mounting



A B C

71 162	DALI PIR motion and light sensor	77	116	55
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DALI daylight module

For controlling tunable white luminaires according to the time of day.

For installation in switching and cavity boxes



A B C

71 059	DALI daylight module	33	60	15
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DALI timer

For timer functions with up to 28 events to activate lighting scenarios for LED, tunable white and RGB W luminaires (DT6, DT8, RGBWAF, xy).

For installation in switching and cavity boxes



A B C

71 043	DALI timer	33	60	15
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DALI sequencer module

For storing four independent sequences.

For installation in switching and cavity boxes



A B C

71 060	DALI sequencer module	28	40	15
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DALI switch actuator

For controlling a relay contact via the DALI bus. The module is designed for a max. rated load of 2000 VA at the relay contact.

For DIN rail mounting



A B C

71 116	DALI switch actuator	18	98	57
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DALI switch actuator

For controlling a relay contact via the DALI bus. The module is designed for a max. rated load of 1000 VA at the relay contact.

For installation in switching and cavity boxes



A B C

71 117	DALI switch actuator	33	60	15
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BEGA Smart



Smart Rotary Dimmer

Wireless rotary dimmer with integrated aerial for switching, dimming and regulating the light colour of luminaires.

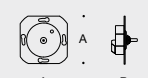
Once successfully installed, the switch is configured in the BEGA Smart app.

The Smart Rotary Dimmer can be used in conjunction with most brand-name switch programs.

Power supply 220 - 240 V, 50 / 60 Hz

Zigbee 3.0 · Max. radio range 30 m

For installation in switching and cavity boxes



A B

71 148	Smart Rotary Dimmer	70	45
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Smart DALI Controller

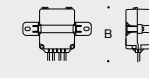
The Smart DALI Controller enables wireless control and dimming of up to 15 DALI luminaires

- with a smartphone and the BEGA Smart app
- with a BEGA remote control
- with Smart Rotary Dimmer 71 148

National safety regulations must be observed when installing in suspended ceilings.

Zigbee 3.0 · Max. radio range 30 m

For installation in switching and cavity boxes



A B C

71 149	Smart DALI Controller	70	46	29
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Zigbee system components

Zigbee radio control can be used in existing systems where there is no additional data or control cable available. The Zigbee devices communicate via a mesh network in which the distance between the individual devices can be up to 100 metres.

Zigbee radio control is a convenient and secure way of wirelessly controlling a system. ZigBee radio networks are based on standard IEEE 802.15.4.

Each module can be individually and permanently programmed for control tasks, and is also immediately ready for use even after a power failure.

We would be delighted to assist you in planning your system, or to help you familiarise yourself with Zigbee radio control in one of our showrooms.



Zigbee DALI control module for installation in switching and cavity boxes

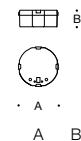
Zigbee control module with integrated 2.4 GHz aerial and DALI interface for use indoors and wherever a higher protection class is not required.

DALI control output for joint switching and dimming of up to five DALI operating devices. Relay contact with a switching capacity of 2000 VA.

Can be used as router or coordinator in Zigbee networks. Compatible with the BEGA Smart system

Voltage 220-240 V, 50/60 Hz

For installation in switching and cavity boxes



70 049 Zigbee control module · With DALI interface

Ø 50 35



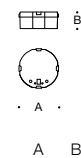
Zigbee pushbutton module for installation in switching and cavity boxes

Zigbee pushbutton module with integrated 2.4 GHz aerial for use indoors and wherever a higher protection class is not required. Four inputs for potential-free pushbuttons.

Can be used as a router or coordinator in Zigbee networks. Voltage 100-240 V, 50/60 Hz

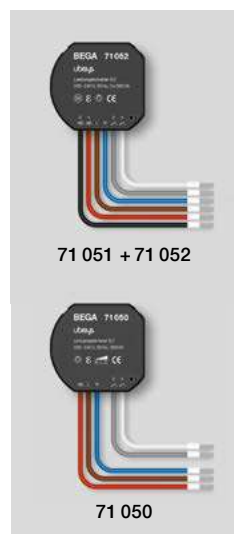
Four-way pushbutton module with RGBW/tunable white (CC/TW) function

For installation in switching and cavity boxes



70 027 Zigbee pushbutton module · 4 pushbutton contacts

Ø 50 35



Zigbee control module for installation in switching and cavity boxes

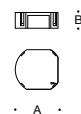
Zigbee control modules with integrated 2.4 GHz aerial for use indoors or wherever a higher protection class is not required. Can be used as router or coordinator in Zigbee networks. Voltage 220-240 V, 50/50 Hz

71 051 Zigbee control module with **one** relay contact · Switching capacity 3600 VA
One input for conventional pushbuttons or binary contacts

71 052 Zigbee control module with **two** relay contacts · Switching capacity 2 x 500 VA
Two inputs for conventional pushbutton or binary contacts

71 050 Zigbee control module with **one** dimming output · Switching capacity of 500 VA and automatic load detection (R/L/C) for dimming of dimmable luminaires with a 3-pole cable connection.
Two inputs for conventional pushbutton or binary contacts

For installation in switching and cavity boxes



71 051 Zigbee control module · With one relay contact · Switching capacity 3600 VA

Ø 47 17

71 052 Zigbee control module · With two relay contacts · Switching capacity 2 x 500 VA

Ø 47 12

71 050 Zigbee control module · With one dimming output · Switching capacity 500 VA

Ø 47 12



Zigbee router module for installation in switching and cavity boxes

Zigbee router module with integrated 2.4 GHz aerial for use indoors and wherever a higher protection class is not required.

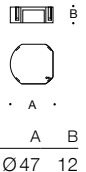
The Zigbee router module is used to route radio signals in expansive buildings, for example.

It can be used as a router in Zigbee networks.

Compatible with the BEGA Smart system

Voltage 220 - 240V, 50/50Hz

For installation in switching and cavity boxes



71 055 Zigbee router module

Ø 47 12



Zigbee control module for DIN rail mounting

Zigbee control modules with integrated 2.4 GHz aerial for use indoors or wherever a higher protection class is not required.

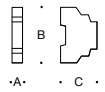
Can be used as router or coordinator in Zigbee networks. Voltage 220–240 V, 50/50 Hz

71 021 Zigbee control module with one relay contact · Switching capacity 3600 VA
Two inputs for conventional pushbutton or binary contacts

71 022 Zigbee control module with two relay contacts · Switching capacity 2 x 500 VA
Two inputs for conventional pushbutton or binary contacts

71 020 Zigbee control module with one dimming output · Switching capacity of 500 VA and automatic load detection (R/L/C) for dimming of dimmable luminaires with a 3-pole cable connection.
Two inputs for conventional pushbutton or binary contacts

For DIN rail mounting



71 021 Zigbee control module · With one relay contact · Switching capacity 3600 VA

A B C

71 022 Zigbee control module · With two relay contacts · Switching capacity 2 x 500 VA

18 90 61

71 020 Zigbee control module · With one dimming output · Switching capacity 500 VA

18 90 61



By using Zigbee lamps, even existing luminaires with conventional E 14 or E 27 bases can be controlled, dimmed and automated. Additional information on Zigbee lamps can be found on Page 564.





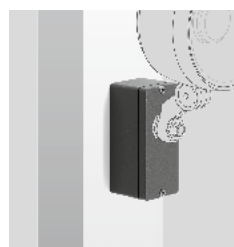
Accessories for BEGA floodlights with G ½ threaded connection

There are a large number of different installation situations for floodlights. For most applications, we can offer devices ready for connection. For all other situations, you will find accessories here that can be individually bolted to BEGA floodlights with G ½ threaded connection in accordance with ISO 228. When combined with the accessories on Page 575, the LED compact floodlights on Pages 350 and 351 are supplied factory-assembled and ready for connection. You can find data sheets and instructions for use for all accessories on our website.

Accessory colour · BEGA Unidure®

- Graphite – article number
- Silver – article number + A

70 252 stainless steel
70 204 Colour graphite



Rectangular mounting box with G ½ threaded connection

For the permanent installation of floodlights with a G ½ threaded connection in on-site installation locations that require a mounting box with small dimensions.

Protection class IP 65 · Cast aluminium and stainless steel
2 cable entries

		L	B	H
70 245	Rectangular mounting box	125	60	55



Round mounting boxes with G ½ threaded connection

For the permanent installation of floodlights with a G ½ threaded connection on columns, walls and ceilings

Protection class IP 65 · Cast aluminium and stainless steel
2 cable entries

		Ø	H
70 217	Round mounting box	110	45
70 294	Round mounting box	130	50
70 284	Round mounting box	150	55



Mounting box for foundations or anchorage units with a G ½ threaded connection

For the permanent installation of floodlights with a G ½ threaded connection on a foundation or anchorage unit* 70 894

Protection class IP 65 · Cast aluminium and stainless steel
2 screw cable glands for connecting cable Ø9 - 15 mm

		Ø	H
70 221	Mounting box	130	80
70 894	Anchorage unit* for 70 221		



Pole cap with G ½ threaded connection

For the permanent installation of floodlights with a G ½ threaded connection on poles

Cast aluminium and stainless steel

		For pole top	Insert depth
70 214	Pole cap	Ø 48	50
70 248	Pole cap	Ø 60	80
70 249	Pole cap	Ø 76	95
70 229	Pole cap	Ø 82	100



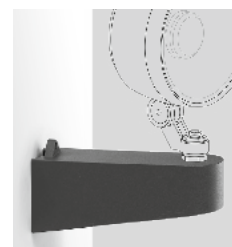
Pole adapter with G ½ threaded connection

For the permanent installation of floodlights with a G ½ threaded connection on poles or on-site pipes

Cast aluminium, cast stainless steel and stainless steel

Recessed opening 30 mm

71 042	Pole adapter
---------------	--------------



Cross beam with connecting thread G ½

For the permanent installation of floodlights with a G ½ threaded connection on poles Ø ≥ 60 mm or wall surfaces

Cast aluminium, aluminium and stainless steel
Overhang 190 mm

70 379	Cross beam
---------------	------------

* Anchorage units are optional accessories and must be ordered separately. For technical data on anchorage units, see Page 583.



Lashing strap with G 1/2 threaded connection

For the portable installation of floodlights with a G 1/2 threaded connection on trees, poles, columns or cylindrical structures

Cast aluminium · Black polyester lashing strap
Clamping area Ø 150 - 600 mm
10 m connecting cable with type F mains plug

70 889 Lashing strap

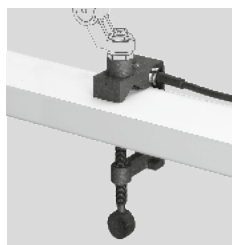


General fastener with G 1/2 threaded connection

For the permanent installation of floodlights with a G 1/2 threaded connection on walls, ceilings or wood structures, etc.

Stainless steel · Partial thread for wood or dowels
Screw-in depth 40 mm
5 m connecting cable with type F mains plug

70 252 General fastener



Screw clamp with G 1/2 threaded connection

For the portable installation of floodlights with a G 1/2 threaded connection on on-site structures

Cast aluminium and glass fibre reinforced synthetic material
Clamping range 1 - 55 mm
5 m connecting cable with type F mains plug

70 283 Screw clamp



Tube clamp with G 1/2 threaded connection

For the permanent installation of floodlights with a G 1/2 threaded connection on pipes or on-site structures

Cast aluminium and stainless steel
Clamping range 30 - 80 mm
5 m connecting cable with type F mains plug

70 280 Tube clamp

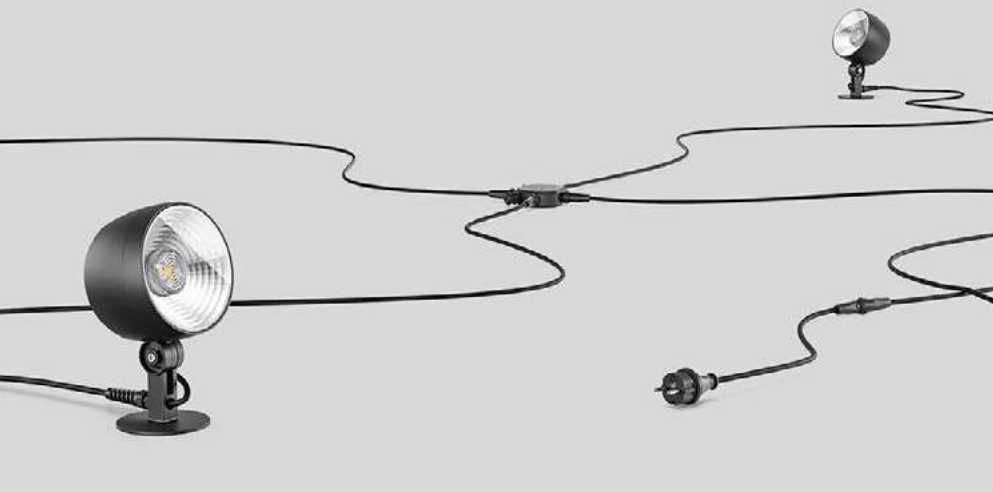


Earth spike with G 1/2 threaded connection

For the portable installation of floodlights with a G 1/2 threaded connection in soil

Glass fibre reinforced synthetic material
Insert depth 250 mm
5 m connecting cable with type F mains plug

70 204 Earth spike



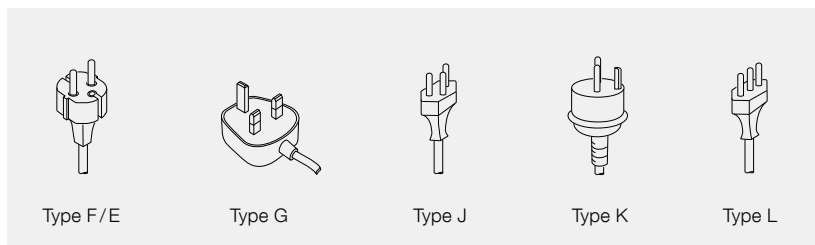
BEGA UniLink system components

BEGA UniLink is a system for creating and operating flexible lighting systems in outdoor applications. All the system components for the electrical connection of the luminaires, as well as electrical cables and distribution components, use identical, electrically safe plug connectors. The BEGA UniLink cables enable flexible cable routing above ground, or in trees and on building structures.

All BEGA UniLink luminaires come with a five-metre connecting cable with a waterproof BEGA UniLink plug connector. This can be used to connect BEGA UniLink extension cables or even BEGA UniLink five-way distribution boxes, if required. This makes it quick and easy to position several luminaires in remote locations in a garden, for example. The lighting system can be expanded or modified with additional five-way distribution boxes, BEGA UniLink luminaires and additional extension cables at any time. When doing so, all luminaires in the system must be located no more than 50 metres from the power source. All connection and extension cables are flexible and can easily be installed on the ground, in trees, or on structural elements.

Please note:

A mains plug, which must be ordered separately, is required to connect individual BEGA UniLink luminaires or a UniLink system to the mains.

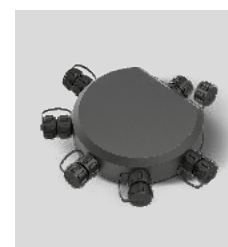


BEGA UniLink mains plug

Mainly used in

71 180	Type F Type E	Germany and Europe ("Schuko plug") France and Belgium
71 181	Type G	Great Britain ("Commonwealth plug")
71 182	Type J	Switzerland and Liechtenstein
71 184	Type K	Denmark
71 183	Type L	Italy

Colour graphite



BEGA UniLink five-way distribution box

Distribution box with five connection sockets for the connection of additional BEGA UniLink luminaires, extension cables or an additional five-way distribution box.

Synthetic material · Protection class IP 67
Colour graphite

71 189 Five-way distribution box

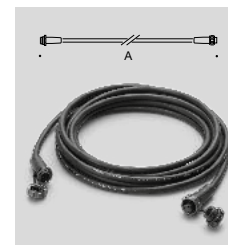


BEGA UniLink connecting cables

Connecting cables with plug connector and a free cable end for connection to a BEGA distribution box, for example. For additional information, see Page 581.

Colour graphite

71 256	Connecting cable with free cable ends	0.5 m
71 247	Connecting cable with free cable ends	5.0 m



BEGA UniLink extension cables

BEGA UniLink extension cables with socket and plug

Protection class IP 67 · Colour graphite

71 186	Extension cable	5 m
71 187	Extension cable	10 m
71 188	Extension cable	20 m



Accessories for floodlights **with connection adapter**

Floodlights with connection adapters can be combined with numerous accessories for installation on trees, pipes or wooden structures, for example.

The accessory and the floodlight with connection adapter are quickly and easily screwed together via a secure mechanical connection.

All floodlights with a connection adapter come with a five-metre connecting cable with a waterproof BEGA UniLink plug connector.

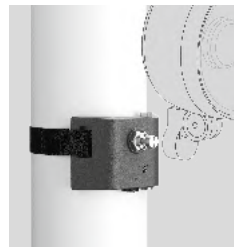
The electrical connection of the floodlight is established via the BEGA UniLink system components.

Accessory colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + A

71 226 · 71 227: Stainless steel

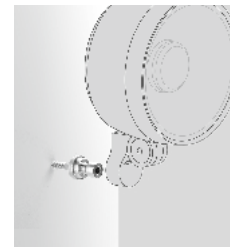


Lashing strap with connection adapter

For the installation of floodlights with a connection adapter on trees, poles, pillars or cylindrical structures

Cast aluminium · Black polyester lashing strap
Clamping area Ø 150 - 600 mm

71 225 Lashing strap

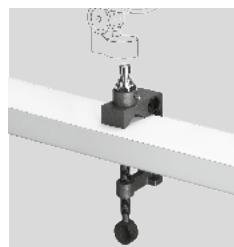


General fastener with connection adapter

For the installation of floodlights with connection adapter on walls, ceilings or wooden structures, for example

Stainless steel · Partial thread for wood or dowels
Screw-in depth 40 mm

71 226 General fastener

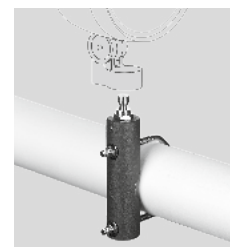


Screw clamp with connection adapter

For the installation of floodlights with a connection adapter on on-site structures

Cast aluminium and glass fibre reinforced synthetic material
Clamping range 1 - 55 mm

71 223 Screw clamp

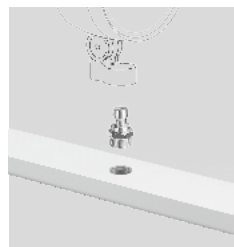


Tube clamp with connection adapter

For the installation of floodlights with a connection adapter on pipes or on-site structures

Cast aluminium and stainless steel
Clamping range 30 - 80 mm

71 224 Tube clamp



G ½ fastener with connection adapter

For the permanent installation of floodlights with connection adapter on on-site structures with a G ½ threaded connection

71 227 G ½ fastener



Accessories for BEGA high-performance floodlights

with mounting bracket with a central bore Ø 22 mm
and two bores Ø 9 mm · Spacing 80 mm

There are a large number of different installation situations for floodlights.

On this page, you will find accessories for the permanent operation of BEGA high-performance floodlights with the mounting brackets on Pages 354, 356 and 372, which can be bolted on individually.

Please observe the technical information for each accessory in the data sheets and the instructions for use on our website.

Accessory colour · BEGA Unidure®

■ Graphite – article number

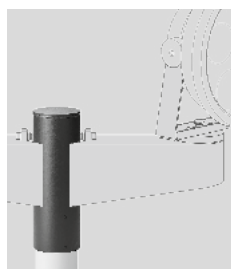
■ Silver – article number + A



Pole caps for high-performance floodlights

For the permanent installation of floodlights on poles
Cast aluminium and stainless steel · 1 screw cable gland

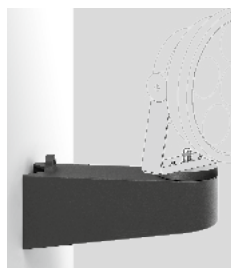
		Pole top	Insert depth
70 341	Pole cap	Ø 60	150
70 342	Pole cap	Ø 76	150
70 343	Pole cap	Ø 89	150



Pole caps for cross beams for high-performance floodlights

For the permanent installation
of 1 or 2 cross beams 70 391 on poles
Cast aluminium and stainless steel

		Pole top	Insert depth
70 386	Pole cap for cross beams	Ø 60	120
70 387	Pole cap for cross beams	Ø 76	120
70 388	Pole cap for cross beams	Ø 89	120

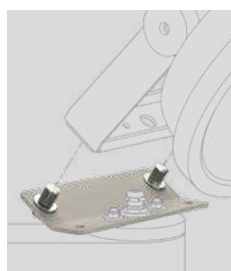


Cross beam for high-performance floodlights

For the permanent installation of floodlights on poles
Ø ≥ 76 mm, on pole caps 70 386 · 70 387 · 70 388
or on wall surfaces

Protection class IP 44 · Cast alum., aluminium and S/steel
1 screw cable gland · Connection terminals 5×4[□]
Overhang 380 mm

70 391 Cross beam



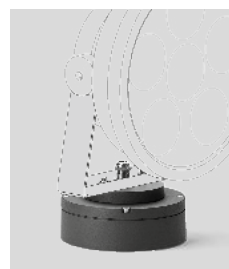
Swivel range extension for high-performance floodlights

For the permanent installation of floodlights to extend
the swivel range by 35°, for installation on the accessories
on this page, on building edges or projections

Stainless steel



71 071 Swivel range extension

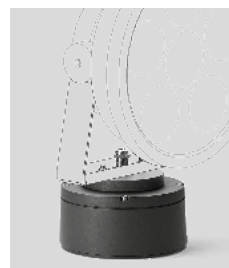


Mounting box for high-performance floodlights

For the permanent installation of floodlights on columns,
walls and ceilings.

Protection class IP 55 · Cast aluminium and stainless steel
2 cable entries · Connection terminals 5×4[□]

		Ø	H
70 348	Mounting box	180	80



Mounting box for foundations or anchorage units for high-performance floodlights

For the permanent installation of floodlights on foundations
or anchorage units* 70 895 or 70 896

Protection class IP 65 · Cast aluminium and stainless steel
2 screw cable glands for connecting cable Ø 9-15 mm
Connection terminals 5×4[□]

		Ø	H
70 225	Mounting box	180	110
70 895 · 70 896	Anchorage units* for 70 225		



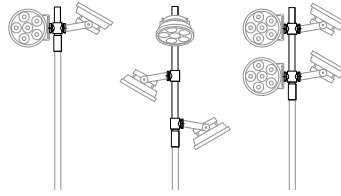
Mounting base to accommodate a junction box for high-performance floodlights

For the permanent installation of floodlights on columns,
walls, foundations or anchorage units* 70 895

Cast aluminium and stainless steel
Mounting plate made of steel, galvanised

		Ø	H
70 208	Mounting base	Ø 200	120
70 895	Anchorage unit* for 70 208		

* Anchorage units are optional accessories and must be ordered separately.
For technical data on anchorage units, see Page 583.



Pole tops for high-performance floodlights

Installation-ready pole tops for the installation of multiple BEGA high-performance floodlights from Pages 354, 356 and 372 on a BEGA steel luminaire pole from Group 62 or 72.

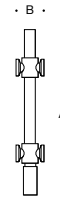
Please observe the technical information for the pole tops in the data sheets and the instructions for use on our website. For structural reasons, shields must not be used.

Cast aluminium, aluminium and stainless steel

Accessory colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + A



	Pole top	Insert depth	A	B
70 762	Pole top for 2 floodlights	∅ 76	150	565 195
70 763	Pole top for 3 floodlights	∅ 76	150	1765 195
70 764	Pole top for 4 floodlights	∅ 76	150	1165 195

Cross beam for high-performance floodlights

For the arrangement of multiple BEGA high-performance floodlights from Pages 354, 356 and 372 on wall surfaces, supporting structures and under ceilings. When mounting on ground surfaces, they can either be mounted on a foundation or on two anchorage units – article number 70 896 (for each anchorage unit). Additional information on BEGA anchorage units can be found on Page 583.

The maximum number of floodlights that can be mounted depends on the type of floodlight. All the relevant information and technical data can be found in the instructions for use on our website.

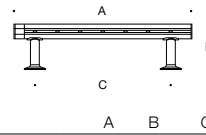
Cast aluminium, aluminium and stainless steel

Connection box made of cast aluminium

Accessory colour · BEGA Unidure®

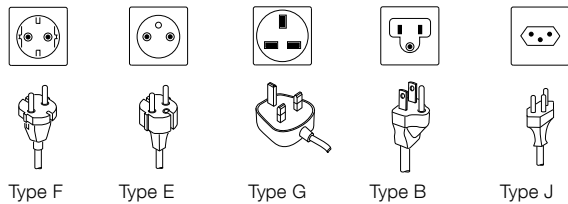
■ Graphite – article number

■ Silver – article number + A



		A	B	C
71 211	Cross beam	1525	390	1164
71 216	Installation adapter for one floodlight			
70 896	Anchorage unit for 71 211			





Type F

Type E

Type G

Type B

Type J

Socket types

Different sockets and plugs are used around the world and are not always compatible with one another. To make it easier to distinguish between them, we have listed the socket types we offer here, along with the countries where they are commonly used.

Unless indicated otherwise, we supply our products with **Type F** safety sockets as commonly used in Europe and particularly in Germany. All other types of safety socket listed here can be installed on request as a custom-made product.

At the bottom of this page, we offer safety sockets and switches for installation in bollards or luminaire poles.

Socket types

Sockets	Mainly used in	
Type F	Germany and Europe	16 A · 250 V ~
Type E	France and Belgium	16 A · 250 V ~
Type G	Great Britain ("Commonwealth plug")	13 A · 250 V ~
Type B	USA (NEMA 5)	20 A · 125 V ~
Type J	Switzerland and Liechtenstein	10 A · 250 V ~

Installation housing with sockets or switches

For installation in BEGA luminaire poles or garden and bollard tubes with

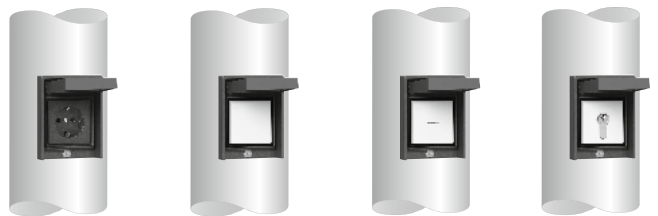
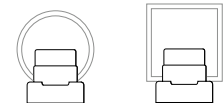
- Diameter ≥ 82 mm or
- Cross section $\geq 80 \times 80$ mm

Protection class IP 44 · Installation housing made of cast aluminium and stainless steel
Cover made of fibreglass-reinforced synthetic material · Colour graphite

Installation housing · BEGA Unidure®

- Graphite – article number
- Silver – article number + A

Installation in the luminaire poles is factory-prepared, but must be effected on the customer's premises on account of the risk of damage in transit. Installation in garden luminaires and bollards is carried out at the factory.



70160

70161 · 70162

70163

70164 · 70165

Safety sockets

70160	Socket type F with installation housing	16 A · 250 V ~
70166	Socket type E with installation housing	16 A · 250 V ~
70167	Socket type G with installation housing	13 A · 250 V ~
70168	Socket type B with installation housing	20 A · 125 V ~

Switches · Pushbuttons · Cylinders

70161	Two-way switch with recessed housing	10 A · 250 V ~
70162	Pushbutton / NOC with recessed housing	10 A · 250 V ~
70163	Control two-way switch with recessed housing	10 A · 250 V ~
70164	Key-operated switch (two-way) with recessed housing	10 A · 250 V ~
70165	Key-operated switch (pushbutton) with recessed housing	10 A · 250 V ~
70180	Key cylinder with three keys for 70164 · 70165	

BEGA anchorage units and screw-on bases

For mounting BEGA garden and pathway luminaires in soil and on foundations

The luminaires on Pages 296 to 311 are ideal for illuminating private outdoor spaces. These garden and pathway luminaires can be installed either with an anchorage unit or by means of a screw-on base.

The anchorage unit or screw-on base and line connector are supplied with the luminaire and are included in the price of the luminaire.

Please observe the technical information for the BEGA garden and pathway luminaires in the data sheets and the instructions for use on our website.

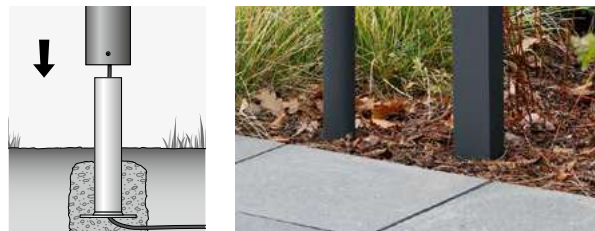


Anchorage unit for the luminaires on Pages 296 to 311

For the permanent installation of BEGA garden and pathway luminaires in a flowerbed or an unpaved surface, for example.

The anchorage unit made of hot-dip galvanised steel is included in the scope of delivery of the luminaire.

This type of installation involves inserting an NYY-J3 x 2.5[□] underground cable into the anchorage unit from below. The underground cable and anchorage unit are set in concrete. The luminaire is then connected with a line connector, placed on the anchorage unit and bolted in position.



Screw-on base for the luminaires on Pages 296 to 311

For the permanent installation of BEGA garden and pathway luminaires on foundations provided by the customer or on other paved surfaces, for example.

A screw-on base made of hot-dip galvanised steel is included in the scope of delivery of the luminaire. This type of installation involves inserting an NYY-J3 x 2.5[□] underground cable into the screw-on base from below. The base is bolted onto the mounting surface. The luminaire is then connected with a line connector and fixed to the screw-on base. The supplied cover plate between the vertical luminaire tube and the screw-on base covers the fastening bolts.



BEGA distribution boxes

For through-wiring garden and pathway luminaires and connecting pillars

Through-wiring within the luminaire is not possible for certain luminaires or connecting pillars. In this case, we recommend BEGA distribution boxes for installation in soil. After connecting the electrical lines to the terminals, the distribution box must be filled with the sealing compound supplied.

You can find the complete technical data for the distribution boxes in the instructions for use on our website.

Distribution boxes for installation in soil

For connecting up to 9 luminaires in soil.

Protection class IP 68 · Safety class II · Housing made of synthetic material

70 730 7 cable entries · Connection terminal 5 x 4[□]

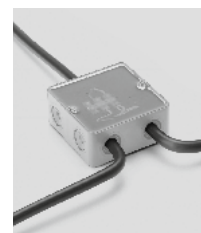
71 053 10 cable entries · Connection terminal 6 x 16[□]

Sealing compound: Cartridge with gel filling

After installation, the distribution box must be sealed.



		A	B	C
70 730	Distribution box · 7 cable entries	95	95	55
71 053	Distribution box · 10 cable entries	150	115	55





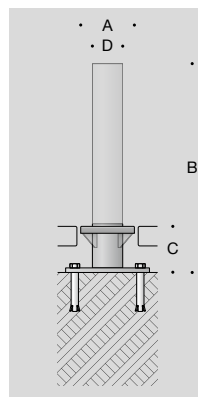
Screw-on bases, connection housings and anchorage units

for mounting light building elements, on-ground luminaires, bollards and luminaire poles with a base plate in soil

On this page, you will find an overview of accessories for BEGA luminaires that are mounted in soil or on an on-site foundation.

The accessories are paired with the corresponding luminaires in the catalogue.

Please refer to the instructions for use and data sheets on our website when planning and installing the luminaires. All technical specifications for the accessories listed here can be found there.



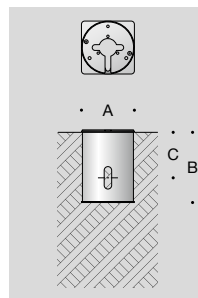
Screw-on base for light building elements

For the installation of light building elements

Hot-dip galvanised welded steel construction

Thread inserts and mounting screws made of stainless steel

		A	B	C	D
71 243	Screw-on base	200	445	—	90
71 199	Screw-on base	400	450	—	90
70 819	Screw-on base	210	645	145	108
70 829	Screw-on base	155	645	145	108
70 844	Screw-on base	395	850	150	133
70 848	Screw-on base	290	850	150	133
70 833	Screw-on base	150 × 90	655	145	120 × 60
71 191	Screw-on base	100 × 40	740	145	80 × 40
71 092	Screw-on base	310 × 210	—	150	—



Connection housing for on-ground luminaires

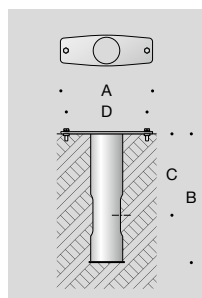
For the installation of on-ground luminaires

The internal diameter of the connection housing is dimensioned such that the cable transition between an underground cable and the luminaire power supply cable can be carried out using distribution box 70 730.

Hot-dip galvanised welded steel construction

Thread inserts and mounting screws made of stainless steel

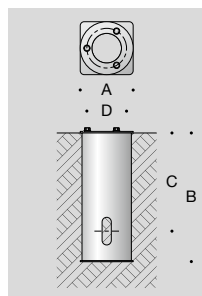
		Screw connection	A	B	C
71 246	Connection housing	3 × 120° M 6 / M 8	165	225	150



Anchorage units for rectangular bollards

For the installation of rectangular bollards
 Hot-dip galvanised welded steel construction
 Thread inserts and mounting screws made of stainless steel

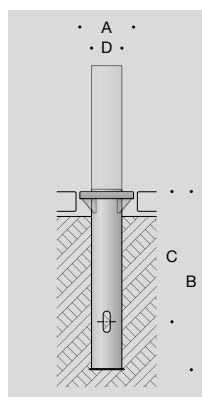
		Screw connection	A	B	C	D
71 178	Anchorage unit	2 × 180° M 8	155 × 106	400	290	125
71 890	Anchorage unit	2 × 180° M 8	250 × 80	400	300	220



Anchorage units for bollards and luminaire poles

For the installation of bollards and luminaire poles with base plate
 Hot-dip galvanised welded steel construction
 Thread inserts and mounting screws made of stainless steel

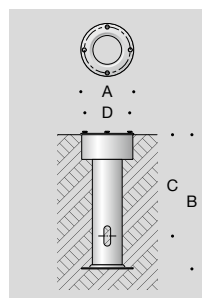
		Screw connection	A	B	C	D
70 894	Anchorage unit	3 × 120° M 6	95	400	330	70
70 895	Anchorage unit	3 × 120° M 8	135	400	330	100
70 896	Anchorage unit	3 × 120° M 8	165	500	350	132



Anchorage units for light building elements

For the installation of light building elements
 Hot-dip galvanised welded steel construction
 Thread inserts and mounting screws made of stainless steel

		A	B	C	D
71 242	Anchorage unit	—	720	335	90
71 136	Anchorage unit	155	800	450	108
71 137	Anchorage unit	210	800	625	108
71 135	Anchorage unit	290	1000	450	133
71 207	Anchorage unit	—	1140	400	90
71 138	Anchorage unit	390	1300	950	220
71 192	Anchorage unit	100 × 40	800	450	80 × 40
71 140	Anchorage unit	150 × 90	800	425	120 × 60
71 139	Anchorage unit	395 × 175	1000	550	133



Anchorage units for luminaire poles

For the installation of luminaire poles with base plate
 Hot-dip galvanised welded steel construction
 Thread inserts and mounting screws made of stainless steel

		Screw connection	A	B	C	D
70 897	Anchorage unit	4 × 90° M 10	235	600	450	200
70 898	Anchorage unit	4 × 90° M 12	310	800	450	265
70 899	Anchorage unit	4 × 90° M 16	335	800	450	283
71 219	Anchorage unit	4 × 90° M 16	410	1000	450	353





Connection boxes and accessories for BEGA pole-top luminaires, light building elements and bollards

Connection boxes are used to connect bollards, light building elements and pole-top luminaires. In addition to acting as the electrical transfer point between the underground cable and the luminaire cable and serving to safeguard the luminaires, they can perform various additional functions via integrated components. You can find the complete technical data in the data sheets on our website. The installation and operation of these connection boxes are subject to national safety regulations.

Note: Overvoltage poses an increased risk for LED luminaires and accessories. Overvoltage damage can include: complete or partial failure of the LED modules, loss of brightness or failure of the electronic components.

Overvoltage events have a negative impact on the service life of LED luminaires, even if they remain operational.

To protect your LED lighting system, we recommend the use of overvoltage protection components and inrush current limiters for various applications.

Pole top with NEMA 7-Socket

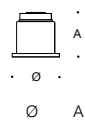
Pole top with NEMA 7 socket compliant with ANSI C136.41-2013 for installation on BEGA pole-top luminaires. Pole top with 7-pin NEMA socket for tool-free connection of NEMA 7 control components.

Protection class IP 65 · Cast aluminium, aluminium, fibreglass-reinforced synthetic material and stainless steel
10 m connecting cable as connection to the connection box

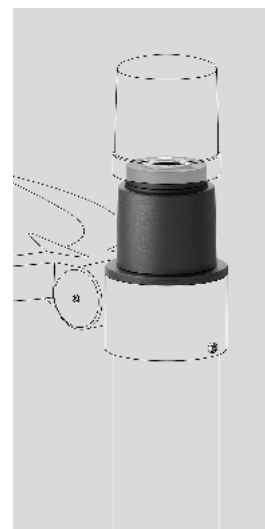
Accessory colour · BEGA Unidure®

■ Graphite – article number

■ Silver – article number + A



71 220	NEMA 7 socket for installation on pole-top luminaires	82	115
	70 386 · 84 252 · 99 446 · 99 491 · 99 499 · 99 515 · 99 519 · 99 556		
71 165	NEMA 7 socket for installation on pole-top luminaires	100	115
	77 520 · 77 530 · 77 825 · 77 826 · 77 834 · 77 836 · 77 839 · 77 841 · 77 853 · 77 854 77 858 · 77 859 · 84 253 · 84 344 · 84 484 · 84 485 · 84 562 · 84 581 · 84 582 · 84 583 84 584 · 84 585 · 84 587 · 84 588 · 84 589 · 84 591 · 84 592 · 84 593 · 84 594 · 84 595 84 596 · 84 652 · 84 653 · 84 654 · 84 655 · 84 656 · 84 657 · 84 658 · 84 659 · 84 685 84 686 · 84 687 · 99 407 · 99 408 · 99 447 · 99 473 · 99 474 · 99 479 · 99 481 · 99 522 99 523 · 99 527 · 99 528 · 99 529 · 99 532 · 99 533 · 99 534 · 99 595 · 99 596 · 99 599		



Device box with control unit for power reduction with DALI interface

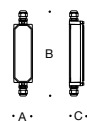
Device box as ready-to-connect component for subsequent installation in luminaire poles or existing systems. With control unit for power reduction or night-time reduction with integrated DALI power supply for 9 standard DALI operating devices.

Optionally adjustable to two operating modes:

Operating mode 1: Power reduction through network or control phase

Operating mode 2: Power reduction by way of virtual midnight calculation

Protection class IP 65 · Housing made of fibreglass-reinforced synthetic material · Colour graphite



71 145	Device box with control unit for power reduction	55	250	45
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Connection boxes for bollards or luminaire poles

Connection boxes in accordance with DIN 43 628/VDE 0660 · Part 505
Housings made of impact-resistant synthetic material



Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
A	70 623 ≥ 60 mm	1 Micro 6.3A	2 · 3 × 2.5 [□]	1 · 3 × 1.5 [□]	IP 55	49	160
	70 632 ≥ 82 mm	1 Neozed 6 A	2 · 5 × 4 [□]	1 · 3 × 1.5 [□]	IP 55	59	160
B	71 084 ≥ 110 mm	1 Micro 6.3A	2 · 7 × 6 [□]	2 · 5 × 1.5 [□]	IP 54	75	250
	70 629 ≥ 110 mm	2 Neozed 6 A	2 · 5 × 10 [□]	2 · 4 × 2.5 [□]	IP 55	66	245
	71 147 ≥ 110 mm	2 Neozed 6 A	2 · 5 × 10 [□]	2 · 4 × 2.5 [□]	IP 54	72	265
C	70 647 ≥ 120 mm	3 Neozed 6 A	2 · 5 × 16 [□]	2 · 5 × 2.5 [□]	IP 54	84	290
	71 160 ≥ 120 mm	3 Micro 10A	1 · 5 × 6 [□]	4 · 5 × 1.5 [□]	IP 54	84	290



Connection box with Bluetooth DALI gateway for installation in luminaire poles

Connection box with Bluetooth DALI gateway for the commissioning and power supply (250 mA) of DALI operating devices and control components on a DALI line with max. 64 operating devices and additional control components.

Commissioning and configuration is carried out via the free BEGA Tool App – see Page 568.

Connection boxes in accordance with DIN 43 628/VDE 0660 · Part 505

Housings made of impact-resistant synthetic material

Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
B	71 085 ≥ 110 mm	1 Micro 6.3A	2 · 7 × 6 [□]	2 · 5 × 1.5 [□]	IP 54	75	250

Connection box with DALI-USB interface for installation in luminaire poles

Connection box with DALI-USB interface for the commissioning and power supply (250 mA) of DALI operating devices and control components on a DALI line with max. 64 operating devices and additional control components. The free DALI Cockpit software can be downloaded from our website for configuration purposes.

Connection boxes in accordance with DIN 43 628/VDE 0660 · Part 505

Housings made of impact-resistant synthetic material

Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
C	71 089 ≥ 120 mm	1 Micro 5 A	3 · 5 × 16 [□]	2 · 5 × 1.5 [□]	IP 54	84	290

Connection box with control unit for power reduction with DALI interface

Connection box with control unit for power reduction or night-time reduction with integrated

DALI power supply for 9 standard DALI operating devices

Optionally adjustable to two operating modes:

Operating mode 1: Power reduction through network or control phase

Operating mode 2: Power reduction by way of virtual midnight calculation

Connection boxes in accordance with DIN 43 628/VDE 0660 · Part 505

Housings made of impact-resistant synthetic material

Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
C	71 143 ≥ 120 mm	2 Neozed 6 A	2 · 5 × 16 [□]	2 · 5 × 2.5 [□]	IP 54	84	290

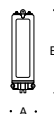
Connection box with overvoltage protection for installation in luminaire poles

71 087 Connection box with overvoltage protection in accordance with EN 61 643-11 for LED luminaires with 1-10 V or DALI interface

70 695 Connection box with overvoltage protection in accordance with EN 61 643-11

Connection boxes in accordance with DIN 43 628/VDE 0660 · Part 505

Housings made of impact-resistant synthetic material



Type	Pole Ø	Fuses	Inputs	Outputs	Protection class	A	B
B	71 087 ≥ 110 mm	1 Micro 6.3A	2 · 7 × 6 [□]	2 · 5 × 1.5 [□]	IP 54	70	250
C	70 695 ≥ 120 mm	2 Neozed 6 A	2 · 5 × 16 [□]	2 · 4 × 2.5 [□]	IP 54	84	290





Aluminium-Luminaire poles with base plate · EN 40 painted finish

Luminaire poles made of aluminium and cast aluminium with base plate are screwed onto an anchorage unit or a foundation with the "System 1" mounting system or the "System 2" mounting system. The luminaire poles with door are equipped with a C-clamp, with sliding nuts to accommodate a connection box and with an earth conductor connection. Matching connection boxes for each application are listed in the table. Further information on BEGA connection boxes can be found on Page 585.

Matching luminaire poles for our pole-top luminaires are recommended in the catalogue.

We supply the luminaire poles in the same colour as the luminaires ordered. If no information is provided, we generally deliver the poles in the colour graphite. All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. For further technical information, see Page 16.

On request, poles in RAL and DB colours can be also be supplied at the catalogue price.

The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.

Group 11

Cylindrical aluminium luminaire poles · System 1

Pole	H	d	Ø	D	kg	Connection box	Anch. unit
70 790	1000	48	48	165	3.0	without door	70 895
70 992	1700	48	48	165	4.0	without door	70 895
70 997	1000	60	60	165	3.5	without door	70 895
70 793	1500	60	60	165	4.0	without door	70 895
70 994	2000	60	60	165	7.0	without door	70 895

Group 12

Cylindrical aluminium luminaire poles · System 1

Pole	H	d	h	Ø	D	kg	Connection box	Anch. unit
70 907	2000	60	90	82	220	10.0	A	70 896
70 908	2000	60	100	100	220	11.0	A	70 896
70 722	2500	60	90	82	220	12.0	A	70 896
70 723	3000	60	90	82	220	14.0	A	70 896
70 930	3000	60	45	120	300	18.0	B · C	70 897

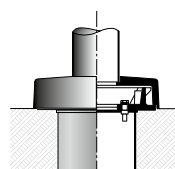
Cylindrical aluminium luminaire poles · System 2

Pole	H	d	h	Ø	D	kg	Connection box	Anch. unit
70 732	3500	76	130	135	340	22.0	B · C	70 899
70 729	3500	76	80	135	340	22.0	B · C	70 899
70 733	4000	76	130	135	340	25.0	B · C	70 899
70 728	4000	76	80	135	340	25.0	B · C	70 899
70 731	4000	76	100	170	360	49.0	B · C	70 899
70 734	5000	76	100	170	360	55.0	B · C	70 899

Group 13

Cylindrical aluminium luminaire poles · System 2

Pole	H	d	Ø	D	kg	Connection box	Anch. unit
70 900	4000	76	135	340	24.0	B · C	70 899
70 902	5000	76	135	340	30.0	B · C	70 899
70 904	6000	76	135	340	35.0	B · C	70 899



System 1

A mounting plate is bolted onto an anchorage unit or onto a foundation. The luminaire pole with base plate is placed on the mounting plate and bolted in horizontal position with lateral stainless steel bolts.

Group 14

Conical aluminium luminaire poles · System 1

Pole	H	d	Ø	D	kg	Connection box	Anch. unit
70 985	2500	60	115	300	12.0	A · B	70 897
70 986	3000	60	115	300	14.0	A · B	70 897

Conical aluminium luminaire poles · System 2

Pole	H	d	Ø	D	kg	Connection box	Anch. unit
70 786	3500	60	135	340	16.0	B · C	70 899
70 787	4000	60	135	340	17.0	B · C	70 899
70 788	3000	76	135	340	15.0	B · C	70 899
70 789	3500	76	135	340	16.0	B · C	70 899
70 791	4000	76	135	340	17.0	B · C	70 899
70 792	4500	76	135	340	19.0	B · C	70 899
70 794	5000	76	135	340	23.0	B · C	70 899

Group 16

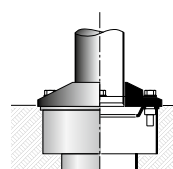
Cylindrical wooden luminaire poles · System 2

Pole	H	d	Ø	kg	Connection box	Anch. unit
71 196	4000	76	135	34.0	B · C	70 899
71 197	5000	76	135	40.0	B · C	70 899
71 198	6000	76	135	52.0	B · C	70 899

Group 17

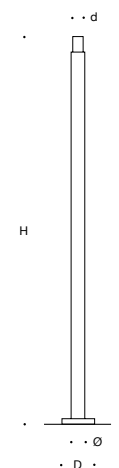
Conical wooden luminaire poles · System 2

Pole	H	d	Ø	kg	Connection box	Anch. unit
71 193	4000	76	135	27.0	B · C	70 899
71 194	5000	76	135	32.0	B · C	70 899
71 195	6000	76	135	37.0	B · C	70 899



System 2

The luminaire pole is bolted **directly** onto a foundation or anchorage unit using its base plate. For installation on a foundation, the fastening bolts must be provided by the customer.





Aluminium-Luminaire poles with base plate · EN 40**Copper-Luminaire poles with base plate made of cast bronze**

Luminaire poles for pole-top luminaires

Luminaire poles made of aluminium and cast aluminium with cast aluminium base plate or luminaire poles made of copper with cast bronze base plate are screwed onto a BEGA anchorage unit or a foundation. Aluminium luminaire poles are mounted with the "System 1" mounting system, copper luminaire poles with the "System 2" mounting system.

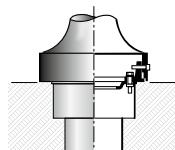
The luminaire poles with door are equipped with a C-clamp, with sliding nuts to accommodate a connection box and with an earth conductor connection. Matching connection boxes for each application are listed in the table. Further information on BEGA connection boxes can be found on Page 585.

Matching luminaire poles for our pole-top luminaires are recommended on the pages of this catalogue. Luminaire poles ordered in conjunction with luminaires are supplied in the same colour. If no information is provided, we generally deliver the poles in the colour graphite. All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. For further technical information, see Page 16.

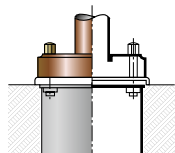
On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

We supply copper poles in their natural colour.

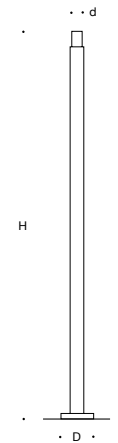
The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.

**System 1**

A mounting plate is bolted to a foundation or anchorage unit. The luminaire pole with base plate is placed on the mounting plate and bolted in **horizontal** position with lateral stainless steel bolts.

**System 2**

A mounting plate is bolted to a foundation or anchorage unit. The luminaire pole with base plate is placed on the mounting plate and bolted **vertically** with nuts.

**Group 40**

Copper luminaire poles · System 2						
Pole	H	d	D	kg	Connection box	Anch. unit
70 552	1700	60	220	9.5	without door	70 896
70 550	2000	60	220	10.5	without door	70 896
70 553	2000	80	220	12.3	without door	70 896
70 551	2400	80	220	14.3	without door	70 896

Group 41

Aluminium luminaire poles · System 1							
Pole	H	d	h	D	kg	Connection box	Anch. unit
70 545	1400	60	45	200	6.0	without door	70 895

Group 44

Aluminium luminaire poles · System 1							
Pole	H	d	h	D	kg	Connection box	Anch. unit
70 540	2500	76	100	300	27.0	A · B	70 897
70 541	3000	76	100	300	32.0	A · B	70 897

Group 47

Aluminium luminaire poles · System 1						
Pole	H	d	D	kg	Connection box	Anch. unit
70 547	2000	60	200	11.0	A	70 895
70 524	3000	76	300	26.0	A · B	70 897
70 526	3500	76	300	28.0	A · B	70 897

Group 48

Aluminium luminaire poles · System 1							
Pole	H	d	h	D	kg	Connection box	Anch. unit
70 549	2000	60	45	200	11.0	A	70 895
70 522	3500	76	100	300	35.0	B · C	70 897

Group 49

Aluminium luminaire poles · System 1						
Pole	H	d	D	kg	Connection box	Anch. unit
70 546	2000	60	200	11.0	A	70 895

H = Height of pole, without anchorage unit d = Pole top diameter h = Height of offset pole top Ø = Diameter of pole base kg = Total weight



Group 40

Group 41

Group 44

Group 47

Group 48

Group 49

Aluminium-Luminaire poles with anchorage section · EN 40

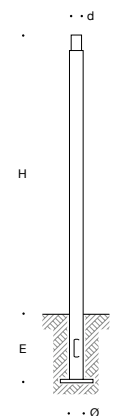
Surface lacquered

Conical or cylindrical aluminium luminaire poles with anchorage section featuring static strength values in accordance with EN 40.

The luminaire poles with door are equipped with a C-clamp, with sliding nuts to accommodate a connection box and with an earth conductor connection. Matching connection boxes for each application are listed in the table. Further information on BEGA connection boxes can be found on Page 585.

Matching luminaire poles for our pole-top luminaires are recommended on the pages of this catalogue. Luminaire poles ordered in conjunction with luminaires are supplied in the same colour. If no information is provided, we generally deliver the poles in the colour graphite. All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. For further technical information, see Page 16. On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.

**Group 31****Cylindrical aluminium luminaire poles**

Pole	H	d	Ø	E	kg	Connection box
70 934	600	48	48	400	1.8	without door
70 938	1700	48	48	400	4.0	without door
70 941	1000	60	60	400	3.0	without door
70 943	2000	60	60	500	6.0	without door
70 945	2000	82	82	500	7.0	A
70 954	2500	82	82	500	8.0	A
70 958	3000	100	100	500	12.0	A
70 959	3500	100	100	600	15.0	A
70 960	4000	100	100	600	15.0	A
70 957	3000	120	120	500	15.0	B · C
70 965	3500	120	120	600	18.0	B · C
70 974	4000	120	120	600	20.0	B · C
70 989	4500	120	120	800	22.0	B · C

Group 32**Cylindrical aluminium luminaire poles, stepped pole top**

Pole	H	d	h	Ø	E	kg	Connection box
70 740	2000	60	90	82	500	7.0	A
70 741	2500	60	90	82	500	9.0	A
70 752	3000	60	90	82	500	9.0	A
70 906	3500	76	130	135	800	20.0	B · C
70 739	3500	76	80	135	800	22.0	B · C
70 742	4000	76	130	135	800	23.0	B · C
70 738	4000	76	80	135	800	23.0	B · C
70 737	4000	76	100	170	800	33.0	B · C
70 743	4500	76	130	135	800	27.0	B · C
70 736	4500	76	80	135	800	27.0	B · C
70 744	5000	76	130	135	800	30.0	B · C
70 727	5000	76	80	135	800	31.0	B · C
70 748	5000	76	100	170	1000	40.0	B · C
70 909	3000	82	120	100	500	13.0	A
70 749	6000	89	120	220	1000	64.0	B · C
70 750	7000	89	120	220	1000	75.0	B · C

Group 33**Cylindrical aluminium luminaire poles, stepped pole base**

Pole	H	d	Ø	E	kg	Connection box
70 901	4000	76	135	800	28.0	B · C
70 903	5000	76	135	800	35.0	B · C
70 905	6000	76	135	1000	40.0	B · C

Group 34**Conical aluminium luminaire poles**

Pole	H	d	Ø	E	kg	Connection box
70 910	2500	60	115	500	9.0	A · B
70 911	3000	60	115	500	10.0	A · B
70 912	3500	60	115	600	12.0	A · B
70 724	4000	60	135	600	14.0	B · C
70 918	3000	76	135	600	11.0	B · C
70 913	3500	76	135	600	13.0	B · C
70 914	4000	76	135	600	15.0	B · C
70 725	4500	76	135	800	18.0	B · C
70 915	5000	76	135	800	22.0	B · C
70 916	6000	76	145	1000	26.0	B · C
70 917	7000	76	145	1200	33.0	B · C
70 726	8000	76	145	1200	54.0	B · C

H = Height of pole, without anchorage section d = Pole top diameter h = Height of offset pole top Ø = Diameter of pole base E = Anchorage section kg = Total weight



Group 31



Group 32



Group 33



Group 34

Conical or cylindrical **steel** luminaire poles **with anchorage section** · EN 40
Surface hot-dip galvanised or hot-dip galvanised and lacquered

Conical steel luminaire poles or steel luminaire poles with an offset pole base and without a visible welding seam, featuring static strength values in accordance with EN 40, either hot-dip galvanised or hot-dip galvanised and lacquered.

The luminaire poles with door are equipped with a C-clamp, with sliding nuts to accommodate a connection box and with an earth conductor connection. Matching connection boxes for each application are listed in the table. Further information on BEGA connection boxes can be found on Page 585.

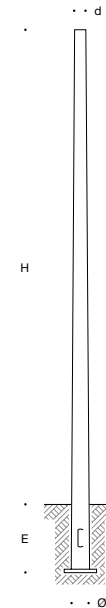
We also supply luminaire poles in this series in heights of 12 m · 14 m · 16 m and 18 m on request.

Matching luminaire poles for our pole-top luminaires are recommended on the pages of this catalogue.

The painted luminaire poles in groups 72 and 73 come in the same colour as the luminaires ordered with them.

All standard available colours feature our BEGA Unidure® coating technology and meet the highest global standards for weathering and light resistance. For further technical information, see Page 16. On request, poles can also be supplied in RAL textures and DB colours at the catalogue price.

The system installer is responsible for the stability of the luminaire, luminaire pole and foundation.



Group 62

Conical steel luminaire poles · Hot-dip galvanised

Pole	H	d	Ø	E	kg	Connection box
70 800	2500	60	115	800	25.0	A · B
70 801	3000	60	115	800	28.0	A · B
70 802	3500	60	115	800	35.0	A · B
70 803	4000	60	115	800	38.0	A · B
70 811	3000	76	115	800	31.0	A · B
70 815	3500	76	115	800	36.0	A · B
70 804	4000	76	135	800	42.0	B · C
70 817	4500	76	135	800	46.0	B · C
70 805	5000	76	135	800	52.0	B · C
70 814*	5000	76	135	800	56.0	B · C
70 806	6000	76	140	1000	68.0	B · C
70 816*	6000	76	140	1000	70.0	B · C
70 807	7000	76	160	1200	96.0	B · C
70 808	8000	76	170	1200	119.0	B · C
70 809	9000	76	195	1500	151.0	B · C

Group 63

Cylindrical steel luminaire poles · Hot-dip galvanised

Pole	H	d	Ø	E	kg	Connection box
71 201	4000	76	135	800	38.0	B · C
71 203	5000	76	135	800	46.0	B · C
71 205	6000	76	135	1000	60.0	B · C

* Reinforced version

H = Height of pole, without anchorage section d = Pole top diameter Ø = Diameter of pole base E = Anchorage section kg = Total weight

Group 72

Conical steel lum. poles · Hot-dip galvanised and lacquered

Pole	H	d	Ø	E	kg	Connection box
70 880	2500	60	115	800	25.0	A · B
70 881	3000	60	115	800	28.0	A · B
70 882	3500	60	115	800	35.0	A · B
70 883	4000	60	115	800	38.0	A · B
70 888	3000	76	115	800	31.0	A · B
70 885	3500	76	115	800	36.0	A · B
70 884	4000	76	135	800	42.0	B · C
70 887	4500	76	135	800	46.0	B · C
70 886	5000	76	135	800	52.0	B · C
70 878*	5000	76	135	800	56.0	B · C
70 834	6000	76	140	1000	68.0	B · C
70 879*	6000	76	140	1000	70.0	B · C
70 835	7000	76	160	1200	96.0	B · C
70 836	8000	76	170	1200	119.0	B · C
70 837	9000	76	195	1500	151.0	B · C

Group 73

Cylindrical steel lum. poles · Hot-dip galvanised and lacquered

Pole	H	d	Ø	E	kg	Connection box
71 202	4000	76	135	800	38.0	B · C
71 204	5000	76	135	800	46.0	B · C
71 206	6000	76	135	1000	60.0	B · C



Group 62



Group 63



Group 72



Group 73



Light distribution curves, illumination diagrams and isolux diagrams

Careful planning work is required to solve lighting tasks. The necessary information about the properties of luminaires is given in light distribution curves, illumination and isolux diagrams.

The following section provides basic explanations and clarifications on this topic.

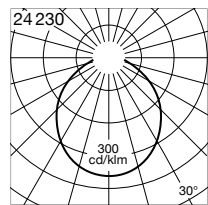


Fig. 1

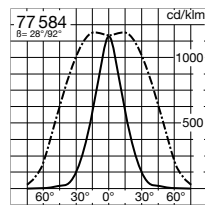


Fig. 2

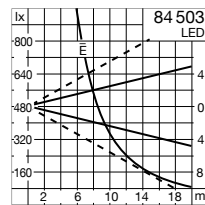


Fig. 3

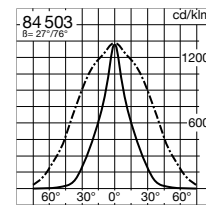


Fig. 4

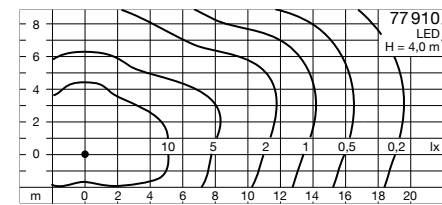


Fig. 5

Light distribution curves

Light distribution curves specify in what direction and with what intensity a luminaire emits light. The absolute luminous intensity value in candela (cd) for LED luminaires is obtained through the multiplication of the value read off the diagram in cd/klm by the luminaire luminous flux in kilolumen (klm).

Light distribution curves are usually presented in a polar coordinate system (Fig. 1).

For floodlights, the light distribution is specified in Cartesian coordinates (Fig. 2).

The diagrams also show the half beam angles – continuous line (C 0 - C 180 · $\beta = 28^\circ$) and dotted line (C 90 - C 270 · $\beta = 92^\circ$).

The luminous intensity values are plotted on the vertical axis and the beam angles on the horizontal axis.

Illumination diagrams

Illumination diagrams for floodlights (Fig. 3) specify the dimensions of the area limited by the two half beam angles (Fig. 4) and the average degree of illuminance of this area, depending on the distance. Using the parameters “floodlight – area – horizontal axis” it is possible to take the following readings:

- The height (continuous line, C 0 - C 180 · $\beta = 27^\circ$) and the width (dotted line, C 90 - C 270 · $\beta = 76^\circ$) of the limited area on the vertical axis on the right
- The average degree of illuminance (parabola) in lux on the vertical axis on the left

Isolux diagrams

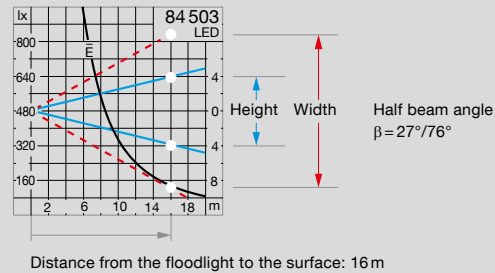
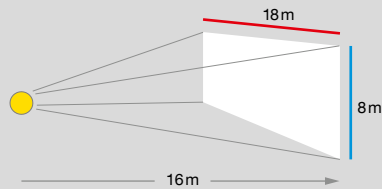
Isolux diagrams (Fig. 5) specify the distribution of the degree of illuminance on an illuminated surface. Points with the same degree of illuminance are connected to each other by means of curves (isolux lines). The luminaire is perpendicular to the drawing plane at the mounting height (H) above the coordinate origin. Depending on the luminaire type, the mounting height or the corresponding pole height is indicated.

The light point interval is approximately twice the distance at which the isolux line which belongs to half of the value of the desired minimum illuminance runs.

Example:

In the isolux diagram shown, the 0.5 lx line runs laterally at a distance of 16 m from the coordinate origin. If a path is to be illuminated ($E_{min} \geq 1$ lx), then a light point interval of approx. 32 m must be selected. In the case of luminaires with rotationally symmetrical light distribution, the resulting isolux lines are concentric circles.

Determining the distance of a floodlight from the illuminated surface using a light distribution curve

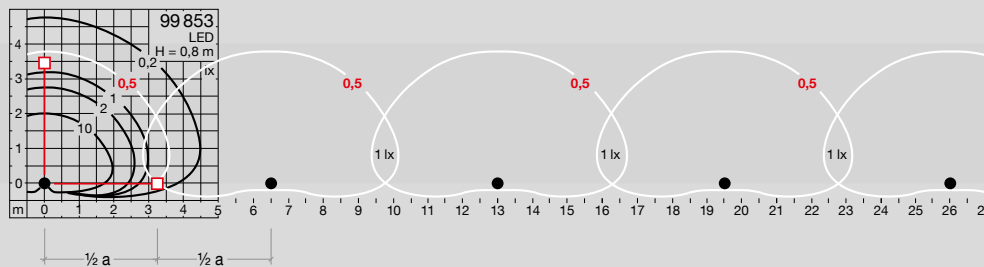


The façade to be illuminated has a height of 8 m (blue line) and a width of 18 m (red line). High-performance floodlight 84 503 with flat beam light distribution has a half beam angle of 27° and 76°. At a distance of 16 m, the half beam angles cover the dimensions of the façade exactly. The parabola indicates the average degree of illuminance in lux on the illuminated surface.

These values can be read from the left vertical axis of the illumination diagram. The average degree of illuminance on this reference surface is therefore 150 lx. Changes in the distance between the floodlights influence not only the average degree of illuminance but also the size of the illuminated surface. It must be noted that the diffuse light illuminates more than the previously calculated surface. As a result, even the peripheral areas of a slightly larger façade would still be well illuminated.



Determining the luminaire spacing "a" for pathway lighting of $E_{min} = 1 \text{ lx}$ on the basis of the isolux diagram



When planning pathway lighting, 1 lx is defined as the standard minimum illuminance. Consequently, the 0.5 lx line in the isolux diagram is relevant for determining the luminaire spacing. The 0.5 lx must add up to 1 lx degree of illuminance on the assessed surface in order to define the luminaire spacing. This results in light point spacing of 6.5 m. During planning, local conditions such as the colour and

characteristics of the ground must also be taken into consideration. These factors have a significant influence the reflective behaviour of light and can lead to the impression of insufficient illumination even when the degree of illuminance meets the standards. An illumination test at the installation site is therefore recommended for optimal planning results.





Degree of illuminance, reflection and luminance





The luminance and thus the effect of the illuminated building or memorial are influenced significantly by the degree of reflection, which is reduced through the accumulation of dirt. However, the effect of the dirt diminishes with the degree of darkness and roughness of the original material. The degree of illuminance must be adjusted accordingly in order to achieve the same luminance or the same perceptive impression.

The effect of the building is all the more impressive the more it stands out from the background. The illumination of a tower in the middle of an illuminated city requires a higher degree of illuminance than if the background of a building is dark, e.g. a castle standing alone in the landscape.

The table shows the change in degrees of illuminance, depending on the surroundings of objects and the surface materials.

The degree of illuminance E (lx) and the degree of reflection of the surface ρ are included in the calculation of luminance L (cd/m²) in accordance with the following formula:

$$L = E \cdot \rho / \pi$$

Coloured finishes	Stone	Brick	Wood	Concrete	Metal	
Illuminated surfaces						
Reflection	90 - 10%	60 - 10%	60 - 10%	60 - 20%	60 - 40%	60 - 20%
Degree of illuminance required						
 Solitary building in dark surroundings Luminance: L = 5 cd/m²	7.5 - 90lx	15 - 90lx	20 - 100lx	20 - 80lx	30 - 60lx	30 - 100lx
 Building in dark surroundings in a village Luminance: L = 10 cd/m²	15 - 180lx	30 - 180lx	40 - 200lx	40 - 160lx	60 - 120lx	60 - 200lx
 Building in medium-bright surroundings in a small town Luminance: L = 15 cd/m²	22.5 - 270lx	45 - 270lx	60 - 320lx	60 - 240lx	90 - 180lx	80 - 300lx
 Building in bright surroundings in a large city Luminance: L = 20 cd/m²	30 - 360lx	60 - 360lx	80 - 420lx	80 - 320lx	120 - 240lx	120 - 400lx

Influence of reflection surfaces

Despite standardised illumination, the level of illumination may be felt to be too low, depending on the nature of the floor, wall and ceiling surfaces.

In public areas, standards for light planning are very helpful. However, the influence of the spatial conditions must not be neglected. Examples of this are a public hall, a public square and a main road in a city centre.

Lighting standards for the square and the hall are indicated in lux (lx), that is, the degree of illuminance. Standards main roads in city centres are defined in luminance with candela per square metre (cd/m²).

Public hall · 800 m ²		
Degree of illuminance	200 lx	
	Light room	Dark room
Floor reflection	20 %	10 %
Wall reflection	50 %	30 %
Ceiling reflection	70 %	50 %
Luminance	12 cd/m²	6 cd/m²
Our recommendation	✓	+ 100 lx

An average degree of illuminance of 200 lx applies for the public hall. Proceeding from an average room, the standard is based on clearly defined reflective properties of walls, ceilings and floors. If these parameters are changed, the standardised degree of illuminance remains constant at 200 lx. However, the impression of the room is completely different. The illumination level is perceived to be too low. From the table it can be seen that the luminance falls to 50% of the initial value. In this case, we recommend raising the degree of illuminance by around 100 lx to 300 lx.

The illumination in the room will then be perceived as pleasant.

Public square · 2500 m ²		
Degree of illuminance	10 lx	
	Light ground	Dark ground
Floor reflection	30 %	10 %
Luminance	1 cd/m²	0.35 cd/m²
Our recommendation	✓	+ 10 lx

The same largely applies for the space situation in the public square. The value for the degree of illuminance is estimated to be 10 lx.

On light-coloured ground with a reflection level of 30%, the luminance level reaches 1 cd/m². If the reflection level of the ground is reduced to 10%, and the standardised degree of illuminance remains at 10 lx, the luminance is only 0.35 cd/m². Here we recommend raising the degree of illuminance by 10 lx. The illumination of the square will then be perceived as pleasant.

Inner-city main road Pole-top luminaire BEGA 99 556 (34.5 W · 4880 lm)		
Luminance	0.5 cd/m ²	
	Light road surface C1	Dark road surface C2
Luminaire spacing	36 m	26 m
Luminaires over a distance of 1 km	28 luminaires	38 luminaires

As far as road lighting is concerned, the uniformity of the light on the carriageway and the related distances between the luminaires are critical for the planners. The standard specifies values for average luminance.

The adjacent table shows the effects of light and dark road surfaces on the distances between luminaires.

On a light-coloured road surface (C1), the luminaire spacing is 36 m. With dark road surfaces (C2), the distance is reduced by 10 m to 26 m. Over a distance of one kilometre, this amounts to 28 luminaires instead of 38.

The choice of road surface thus has a direct economic effect, which should not be neglected during planning.



Reference values for illumination

Our lighting information and illumination plans are based on our own experiences, the illumination manual and the following DIN and EN standards.

DIN EN 12 464-1 und -2 "Light and lighting – Lighting of work places"

DIN EN 13 201 "Road lighting"

DIN EN 12 193 "Light and lighting – Sports lighting"

The binding DIN and EN standards are published by Beuth Verlag, Berlin. Additional DIN and EN standards, as well as information on the topic of lighting design, are published in our reference work "About light and illumination", the contents of which can also be found on our website.

Car parks · DIN EN 12464-2

Traffic volume is taken into account when illuminating car parks.

- **Low traffic volume:** Car parks for shops, terraced houses and apartment blocks, parking areas for bicycles
- **Medium traffic volume:** Car parks for department stores, office buildings, factories, sports facilities and multi-purpose halls
- **High traffic volume:** Car parks for schools, churches, large shopping centres, large sports facilities and multi-purpose halls

Car parks	\bar{E} (lx)	U_0	GR_L
Low volume of traffic	5	0.25	55
Medium volume of traffic	10	0.25	50
High volume of traffic	20	0.25	50

Parking garages · DIN EN 12464-1

Various safety-relevant areas must be observed when illuminating parking garages. The "switch" situation in particular requires a consistently high degree of illuminance.

Parking garages	\bar{E} (lx)
Entrance/exit at day time	300
Entrance/exit at night time	75
Lanes	75
Parking spaces	75
Counter (automatic pay station)	300
Outside ramps	25

L	Maintained illuminance of the average luminance on the carriageway, below which illuminance must not fall at any time.
\bar{E}	Maintained illuminance of the average degree of illuminance on the carriageway, below which illuminance must not fall at any time.
E_{\min}	Maintained illuminance of the minimum degree of illuminance on the carriageway.
E_{\min}/E_{av}	Uniformity of the degree of illuminance
U_0	Total uniformity, relationship between the lowest luminance (or degree of illuminance) and the average value on the surface of the carriageway.
U_l	Longitudinal uniformity, relationship between the lowest and the highest luminance on the centre line of a traffic lane.
f_{τ}	Increase in threshold value, measure of the loss of visibility of a visual object as a result of physiological glare caused by excessively bright luminaires.
R_{en}	Environment illuminance ratio to improve spatial orientation, so that the areas beside the carriageway, if not illuminated themselves, are still recognisable.

Road lighting · DIN EN 13201

With road lighting, a general distinction is made between two evaluation criteria.

For roads with traffic > 30 km/h, the brightness of the carriageway is assessed according to luminance in the classes M 1 - M 6. Roads with traffic ≤ 30 km/h, including traffic-calmed roads, pavements and cycle paths, are assessed according to lighting classes P 1 - P 6.

Class	\bar{L} (cd/m ²)	U_0	U_i	f_{RI} (in %)	R_{EI}	Class	\bar{E} (lx)	E_{min} (lx)
M 1	2.0	0.4	0.7	10	0.35	P 1	15	3
M 2	1.5	0.4	0.7	10	0.35	P 2	10	2
M 3	1.0	0.4	0.6	15	0.3	P 3	7.5	1.5
M 4	0.75	0.4	0.6	15	0.3	P 4	5	1
M 5	0.5	0.35	0.4	15	0.3	P 5	3	0.6
M 6	0.3	0.35	0.4	20	0.3	P 6	2	0.4

Pedestrian areas · DIN EN 12464

New urban planning concepts for pedestrian zones and residential courtyards place the main focus on people. Public areas are intended to promote communication. The selection and arrangement of the right luminaires is an essential design feature. Luminaires should be sufficiently glare-free and at the same time illuminate adjacent façades. This facilitates orientation and improves safety.

Outdoors	\bar{E} (lx)	E_{min} (lx)	Indoors	\bar{E} (lx)	U_0
Level footpaths	–	≥ 1	Traffic areas/corridors	100	0.4
Footpaths in work places	5	–	Stairs	100	0.4
Stairs	15	–	Platforms	100	0.4
Ramps	15	–	Subways	50	0.5
Arcades, passageways	20	–			

Sports lighting · DIN EN 12193

The lighting in sports venues, indoor sports halls and swimming pools should create optimum conditions for the sportspersons, spectators and referees. Depending on the level of competition, a distinction is made between three levels of illumination.

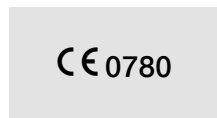
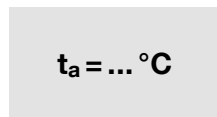
- Class I: international / national and regional
- Class II: regional and local
- Class III: local, training, school and recreational sport

Sports facility	Class II		Class III	
	\bar{E} (lx)	E_{min}/E_{av}	\bar{E} (lx)	E_{min}/E_{av}
Football pitch	200	0.6	75	0.5
Gymnasium	300	0.7	200	0.7
Tennis court	300	0.7	200	0.6
Indoor tennis court	500	0.7	300	0.5
Riding arena	200	0.5	100	0.5
Indoor riding arena	300	0.6	200	0.5
Indoor swimming pool	300	0.7	200	0.5



AC/DC marking

Luminaires marked AC/DC in the tables can be operated with alternating or direct voltage in stand-by lighting systems. The suitability of these luminaires for integration in emergency lighting luminaires must be examined by BEGA.



Special electrical equipment Emergency lighting

If you want to integrate our luminaires into emergency escape lighting systems in accordance with DIN VDE 0108-100 or prepare them for connection to a central battery system or emergency lighting system, we will be happy to inform you about the options and costs.

Electrical safety

The luminaires in this catalogue are designed and manufactured on the basis of the IEC/EN 60598 (VDE 071 1) regulations.

The majority of the luminaires bear the corresponding test symbol. The remaining luminaires have been or are being prepared for testing but the certification and approval procedure has not yet been completed. Please feel free to contact us at any time for news about the current state of the approvals.

Custom-made products are manufactured on the basis of the above-mentioned standard. All luminaires are subject to continuous production monitoring and quality inspection.

Safety symbols

The ENEC symbol (European Norms Electrical Certification) is a European test and certification symbol for luminaires and electrical components in luminaires. The number 10 with or without VDE symbol signifies that the test/certification symbol was issued by the VDE Institute for Testing and Certification.

Due to their limited surface temperatures, luminaires bearing this symbol are suitable for business premises where dust or fibrous material present a fire hazard (VDE 071 1 · Part 2-24).

Luminaires bearing this symbol must not be in direct contact with thermal insulating materials.

The $t_a = \dots \text{°C}$ symbol in accordance with IEC/EN 60598 (VDE 0711) indicates the permissible ambient temperature at which a luminaire may be operated. Our luminaires are generally designed for an ambient temperature of $t_a = 25 \text{°C}$, i.e. for indoor use.

The $\text{max. } t_a = \dots \text{°C}$ symbol indicates the maximum ambient temperature at which a luminaire may be operated.

The CE symbol is affixed at the manufacturer's responsibility and is not a safety symbol. The manufacturer uses it to document conformity with European Union directives.

The number alongside the CE symbol indicates that an inspection and certification body checks compliance with the guidelines.



Protection classes

These classes provide information on a luminaire's resistance to the ingress of dust, solid foreign bodies and water in accordance with IEC / EN 60598 (VDE 0711). The respective IP (International Protection) is indicated on the luminaire by the marking system in accordance with IEC 529.

Protection against solid foreign objects

IP 1x	Protection against ingress of solid objects ≥ 50 mm
IP 2x	Protection against solid objects ≥ 12 mm
IP 3x	Protection against solid objects ≥ 2.5 mm
IP 4x	Protection against solid objects ≥ 1 mm
IP 5x	Dust protected
IP 6x	Dust-tight

Water protection

IP x1	Protected against vertically dripping water
IP x2	Protected against drops of water falling at angles up to 15°
IP x3	Protected against spray water falling at angles up to 60°
IP x4	Protected against splashing water
IP x5	Protected against water jets
IP x6	Protected against strong water jets
IP x7	Protected against occasional immersion
IP x8...m	Protected against prolonged immersion

Safety classes

Safety class I designates luminaires with an earth connection. In the event of a fault, the power supply is switched off by overload/residual current protective devices.

Safety class II Indicates luminaires with protective insulation in addition to functional insulation. Under fault conditions, no dangerous voltage can reach metal parts which can be touched. Many safety class I luminaires are also available in safety class II. Please contact us.

Safety class III designates luminaires operating on extra-low safety voltage. They can be connected only to safety transformers in accordance with EN 61558 / VDE 0570, EN 61347 / VDE 712 or VDE 0100 Part 410. The transformer must be approved for this type of installation.



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70 888	592	71 029	571	71 111	349	71 176	339	77 028	391	77 266	307	77 762	543
70 889	575	71 030	570	71 112	33	71 177	339	77 055	397	77 276	297	77 764	221
70 894	583	71 036	375	71 113	349	71 178	583	77 056	397	77 277	297	77 786	221
70 895	583	71 037	375	71 114	339	71 179	608	77 057	397	77 321	291	77 791	256
70 896	583	71 038	569	71 115	339	71 180	576	77 058	397	77 427	361	77 793	345
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BEGA paint care set for BEGA outdoor luminaires

Care and reconditioning of painted BEGA outdoor luminaires

The BEGA paint care set is suitable for the maintenance of painted BEGA luminaire surfaces in outdoor areas. The set consists of a cleaner and a refresher.

The BEGA paint care set is used to first clean and then activate and refresh the paint colour of the outdoor luminaires for the efficient BEGA protection of metallic surfaces.

For outdoor use only

Contents:

- Cleaner 500 ml spray bottle
- Refresher 500 ml bottle
- Cleaning sponge
- Microfibre cloth

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