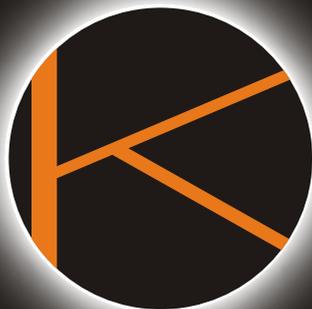


BEGA



Light for the house
and the garden 2018



KELMAX

svetlo inak...

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www.kelmax.sk

tel.: +421 944 919 288



BEGA AR+

Our new augmented reality app makes it even easier for you to visualise luminaires in your private environment.

The app allows you to view BEGA luminaires in your own private setting. You can place different luminaires in a virtual scenario in or around the house and garden. View the luminaires from all angles, switch the light on and off, and take photos of the scenes.



Download BEGA AR+
and get started.



BEGA AR+ is just one of many options for working professionally with BEGA products. For more information about other BEGA apps and lighting topics, go to www.bega.de/en/knowledge



Light for the house and the garden 2018

“Light for the house and the garden” is a selection of luminaires from our complete range, which are particularly suitable for the illumination of private environments. They provide stylish, carefully coordinated and high-quality lighting for linking outdoor spaces with indoor areas.

In addition you can find our complete offering of luminaires together with full technical details of the luminaires in this brochure on the Internet at www.bega.com.

Our products are sold through specialised electrical dealers, specialised luminaire dealers and the electrical trade.

All goods, services and quotes supplied and/or submitted by BEGA to companies are solely subject to our terms of delivery, which can be accessed at www.bega.de/terms-of-delivery.

About us and our luminaires

For more than 70 years now, BEGA has been developing and producing high-quality luminaires for almost all areas of architecture. These years have given rise to products whose ideas and trademarks have become generic terms for countless luminaires in the entire industry.

For example, we have had the Light Brick – Lichtbaustein® trademark for over 50 years. For more than 40 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. We know the extreme conditions which particularly 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.

BEGA has been developing and producing indoor luminaires for more than 40 years. Throughout this time our development and design work has been driven by our fascination for glass with its countless facets. Being able to fall back on our own glass production when new ideas for outdoor and indoor luminaires are being implemented has always been a major advantage for us. For example, we can design our luminaire glass according to our own quality standards and lighting requirements.

For the production of our outdoor and indoor luminaires, we created the best conditions ourselves. They were not the consequence of any set of rules, but the result of our learning process and a fixed component of our idea of quality. 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. The luminaires in this brochure were produced to meet exactly these standards. They were designed, configured and developed for your house and for your garden. BEGA products are not run-of-the-mill, short-lived items but distinctive objects for the stylish illumination of your private areas.

Our common goal is to create durable assets which will remain timeless in terms of design, even after decades.

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 the architecture, set the scene atmospherically or convincingly, or simply maintain its plastic appearance at night.



Light for the house and the garden

Many possibilities for the private illumination of houses and gardens are often left unused. Carefully coordinated lighting can lend a house an inviting and homely feel. Driveways, entrances, terraces and gardens often provide a host of starting points for improving the quality of lighting around private houses. Good light and good illumination ensure not only a pleasant lighting atmosphere and a higher quality of experience, but also greater safety in the house and garden.

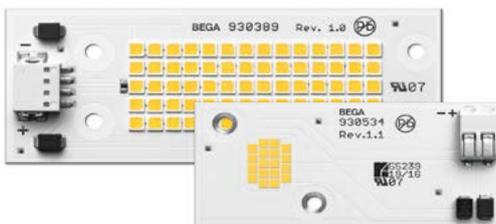
Many people are unaware of the fascinating effect that an illuminated garden can have. Perfectly illuminated outdoor spaces add a wonderful natural dimension to our living quarters.

“Light for the house and the garden” presents a selection of luminaires from our complete range which are particularly suitable for the illumination of private environments.

It provides a diversity of design options for coordinating indoor lighting with outdoor illumination and for experiencing light in previously unknown facets.



Things to know about our technology



For us, a good luminaire is a successful mix of technology, functionality and design. As a responsible and forward-looking manufacturer, we take an active interest in every aspect of lighting technology.

LED technology has redefined acquired standards and assessment criteria and created undreamt-of possibilities for designing with light. The sum total of its advantages makes this technology a milestone in lighting technology. We use the superiority of LED in the development of new luminaires, but also in the technical perfection of existing luminaire series. In doing so, we go well beyond the applications normally expected on the market. We do this responsibly, competently and with a sense of proportion – but above all reliably. After all, reliability and a high standard of product quality are among our elementary values and convictions.

In the development of our luminaires, therefore, thermo-management represents a great challenge. Efficiency and service life are already convincing and still improving. Module output and shape are variable and can be perfectly adapted to each luminaire. In addition to using high-grade components, we have also made design-related changes which contribute to favourable temperature conditions inside the luminaires. This results in a significant extension of LED service life. At the same time, electronic protective devices help to prevent the individual components from overheating.



Ageing-resistant polymer-free optical systems made of silicone or crystal glass

We have taken a decidedly conservative approach to temperature control in our luminaires – values remain far below the maximum temperatures for LED modules.

As a matter of conviction we use durable, non-wearing materials in our optical systems.

We do not use any plastic lenses to deflect light, as their ageing resistance is doubtful. Instead we prefer durable materials such as glass, silicone and aluminium.

Replacements for our LED modules

We have given long consideration to this important and central issue. For many companies, it remains unanswered or becomes lost among meaningless advertising claims. As a responsible manufacturer of high-quality and durable products, we have spent many years researching who accepts the responsibility for replacing the LED modules in a luminaire. Neither well-established module suppliers nor conventional lamp manufacturers with dubious delivery reliability have satisfied our understanding of responsibility.

That is why we have been producing our own LED modules for several years now. With the same quality as the luminaires which we have been manufacturing for more than 70 years.

We have created the technological capabilities for our own high-performance manufacturing of modules that is unparalleled.

This means that we ourselves are responsible for the quality and replacement of LED modules in the same way as we reliably demonstrated in the past for other components.

Today you will find a lamp designation in each of our LED luminaires, providing exact details of the installed modules.

Thanks to the corresponding designation, we will be able to produce LED modules

to match your BEGA luminaires even many years in the future.

We guarantee the availability of replacement modules even 20 years after you purchase an LED luminaire from us.

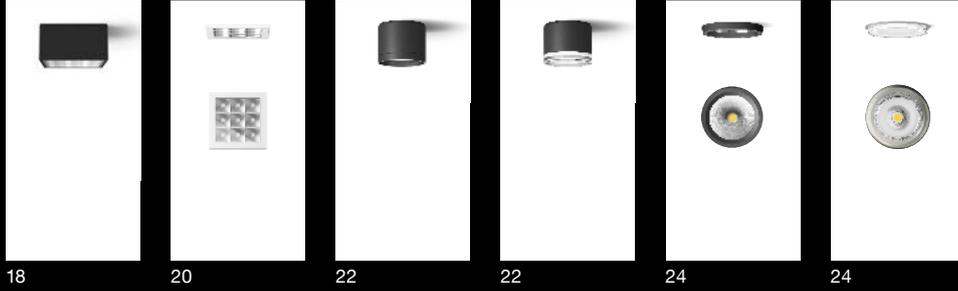
This responsibility for the durable assets we produce is something we are glad to accept. We thus make sure that a BEGA luminaire will not become useless because there are no replacements for the LED modules originally installed.

You can find detailed information about our LED technology on Page 230.

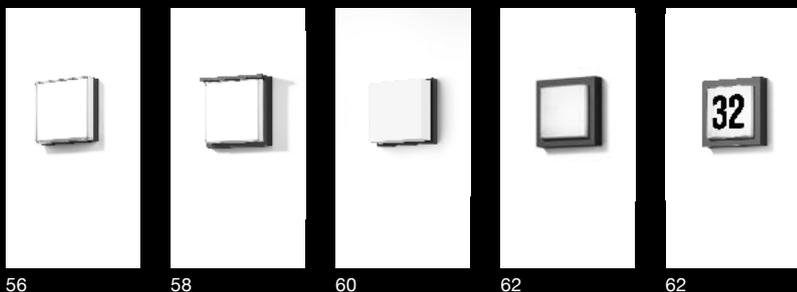
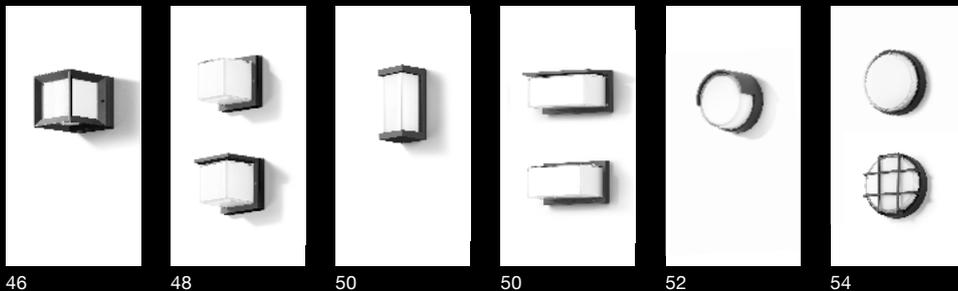
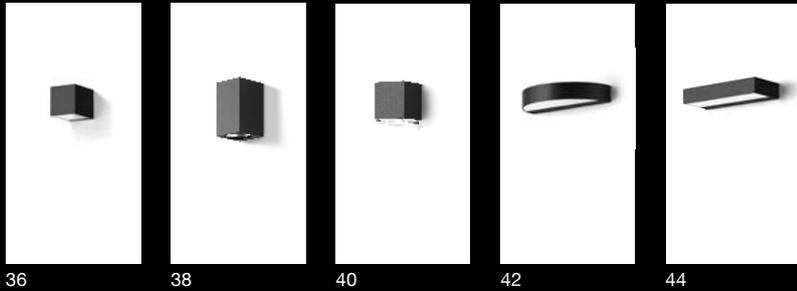
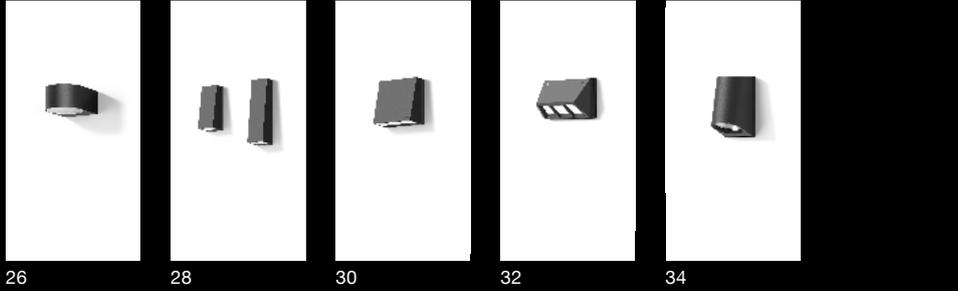


Outdoor luminaires

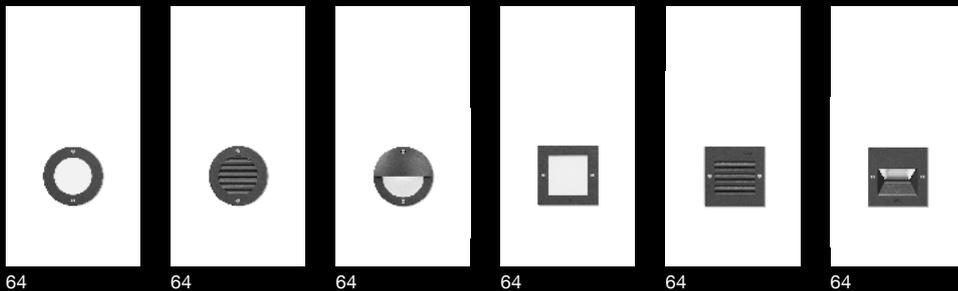
Ceiling luminaires Downlights



Wall luminaires



Recessed wall luminaires



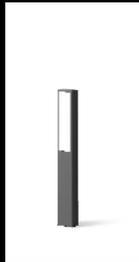
Garden and pathway luminaires



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112

Plug & Play



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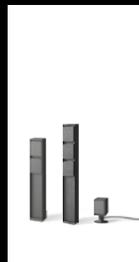
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BEGA Plug & Play
BEGA Outdoor WiFi
Powerline adapter
Connecting pillars



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The Collection BOOM

STUDIO LINE



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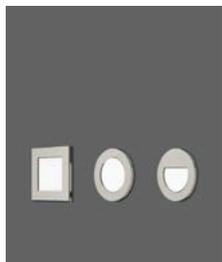


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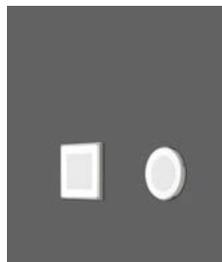


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Recessed wall luminaires



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Recessed ceiling luminaires



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Ceiling luminaires



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Ceiling and wall
luminaires

174 176 178 180



Wall luminaires

182 184 186 188 188



190 190 192 192 194 196

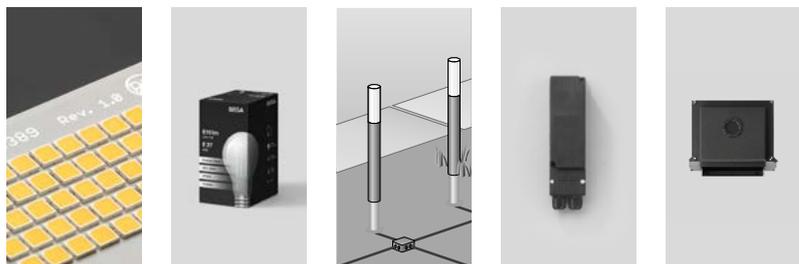


198 200



Pendant luminaires

206 208 210 224 226 228



Accessories

230 231 232 233 234



About light and luminaires

Selecting luminaires for the interior as well as for a garden requires timely and detailed planning. The interplay of light effects from various luminaires should ideally result in well illuminated situations and in pleasant mood lighting. The overview of light characteristics and different luminaire types provided on the following pages is intended to help you with your light and luminaire planning.

Types of light

For lighting design, we must distinguish between three basic types of light.



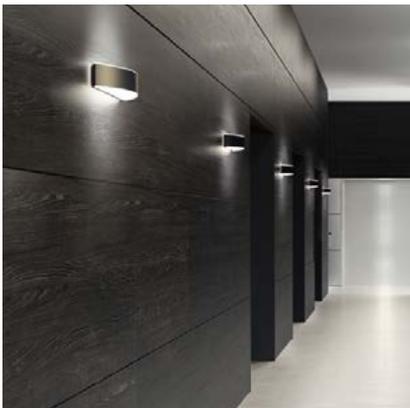
Unshielded light

Unshielded light is emitted by a light source and spreads unhindered in all directions. For human beings, unshielded light has its most pleasant effect when it is distributed softly in the room. This is why luminaires are equipped with luminaire glass made of opal glass, white crystal glass or light-refracting covers made of synthetic material. Unshielded light is ideal as general illumination.



Directed light

This type of light is often used with luminaires which illuminate ground surfaces, even from a great height. Outdoors, this is the case, for example, with the illumination of areas requiring increased attention, such as stairs. Directed light can be effected from all positions – from the ceiling, the wall or from the ground. Directed light is frequently used in the field of functional illumination.



Shielded light

Depending on the intended purpose, it may be advisable to shield luminaires. Particularly with wall luminaires, for example in house entrances or in corridors where one would like to use soft light, it is considered to be more pleasant when some of the light is shielded. Shielded luminaires are characterised by their light graphics, which appear on the installation surface. They are suitable for placing light accents.

General information about illumination

Light has a positive influence on our biorhythm, productivity and ultimately our health. It therefore promotes well-being and improves our quality of life.

Coordinated lighting provides independence from natural light sources.

Poor light, on the other hand, prevents good vision – orientation with the help of the most important sensory organ, the eye, becomes difficult, if not impossible. Good illumination is vital in areas where there is not enough daylight.

In the 1950s, a basic classification of types of illumination was defined by the light planner Richard Kelly (1910–1977):

- General illumination – “Ambient luminescence”
- Functional illumination – “Focal glow”
- Accent lighting – “Play of brilliants”



General illumination

General illumination defines the environment and clarifies room situations. The light is soft and uniform. There are no hard shadows or contrasts. Outdoors, this type of illumination can be found along paths. Indoors, general illumination represents the background light, to be able to grasp the dimensions of a room.



Functional illumination

Useful areas are illuminated with functional illumination. The light focuses on certain areas where increased attention is required by the user, for example on stairs.



Accent lighting

Lighting accents illuminate highlights and set the stage for objects and architecture. This lighting should be significantly brighter than the general illumination in order to attract the attention of the viewer. However, this only works when the lighting accents are only used sparingly in the room, for example with objects, architectural details or individual wall surfaces.

The three types of illumination cannot be treated independently of each other. It is the balanced interplay that makes good illumination.

But what is considered to be good light?

People feel comfortable and safe in a well-illuminated environment. The spatial dimension can be grasped easily. What is needed here is gradations of light and dark, whereby there must not be any dazzling brightness or light overspill, or complete darkness. Deliberately planned illumination allows the presence of dark areas, thus underlining its effect.



Types of luminaires

Different types of luminaires will be presented in the following. For all models, numerous sizes and outputs are available. With this variety, practically all lighting tasks in public and private architecture can be solved.



Recessed ceiling luminaires

Recessed ceiling luminaires are suitable for general illumination. The light distribution ranges from very wide beam to very narrow beam. With their downlight characteristics, they are also suitable for accentuating distinctive areas, for example entrances or for focusing on works of art. These luminaires are ideal for large, high rooms.

Recessed ceiling luminaires are structural details that will be a permanent fixture in the building for years to come. Careful planning is required for their installation as early as the construction phase. Defining the number and location of light points is just as important as ensuring that suitable installation housings are installed, for example.

It is essential to use high-quality products with a guaranteed availability of replacement parts, since the subsequent modification or even replacement of products is very costly.

Ceiling luminaires

Ceiling luminaires are suitable for areas in which the illumination of ground surfaces from the ceiling is desired. Ceiling luminaires are suitable for general illumination.

The light distribution ranges from very wide beam to very narrow beam. With their downlight characteristics, ceiling luminaires are suitable for accentuating distinctive areas. These luminaires are ideal for large, high rooms.

In conjunction with light and building control systems, ceiling luminaires – as well as recessed ceiling luminaires – can develop their full potential. However, the number and location of light points can also be defined after the construction phase. The work involved in installing ceiling luminaires is significantly less than for recessed ceiling luminaires.



Recessed wall luminaires

There are many options when it comes to wall lighting. Unshielded luminaires aid orientation, for example; the ambient brightness should be taken into consideration when planning the size and luminous intensity of these luminaires. Luminaires with directed light are used to illuminate pathways and ground surfaces.

Recessed wall luminaires provide structure and define the room. They provide safety in areas where increased attention is required.

Recessed wall luminaires are structural details that will be a permanent fixture in the building for years to come. Careful planning is required for their installation as early as the construction phase. The number and location of light points is just as important as ensuring that suitable installation housings are installed, for example.

It is essential to use high-quality products with a guaranteed availability of replacement parts, since subsequent modification or even replacement is very costly.

Wall luminaires

Wall luminaires can be found both indoors and outdoors. Their light can be unshielded, shielded or directed.

They illuminate areas in front of buildings, pathways in and around buildings, entrance areas, corridors and staircases. Wall luminaires provide structure and accentuate wall surfaces. They can be arranged individually, in rows or as a group. This type of luminaire is ideal for use as emergency lighting. The work involved in installing wall luminaires is significantly less than for recessed luminaires.



Garden and pathway luminaires

Garden and pathway luminaires round off garden architecture. You can select from various light distributions to suit your purpose.

They provide orientation in walking zones and they accentuate flowerbeds and terraces. At night, they add the required structure to outdoor areas, and guide and direct people. They can be permanent or portable, depending on the required installation site.



Floodlights

Floodlights are available in numerous outputs and sizes. This type of luminaire is flexible in installation and is highly versatile. Floodlights are ideal for placing the focus on architecture and landscape elements. Subsequent installation is easy as a supplement to an existing lighting system.

On account of the many different mounting options, floodlights can be used on poles, on façades, on roofs or on the ground. These luminaires can also be integrated in a light and building management system.



In-ground luminaires

In-ground luminaires can be used for many different applications. Many different light characteristics are possible with light from the ground – from location light to floodlights for accenting, illuminating and highlighting trees, shrubs or architectural features.



Pendant luminaires

The possible applications of pendant luminaires are extensive. For example, they are used for general illumination, often with unshielded light.

With very high ceilings in which the illumination of the ceiling areas does not play a role, pendant luminaires with downlight characteristics are used. Arranging smaller pendant luminaires in groups or rows gives structure to the room, creating clear zones. Here, the light is frequently directed downwards and used as functional illumination.

Pendant luminaires are design elements. Their form and nature frequently go far beyond pure functionality.



LED ceiling luminaires · Compact downlights

Very compact and efficient LED ceiling luminaires with two light distributions.

The luminaires are optionally available with symmetrical wide beam or asymmetrical wide beam light distribution.

The luminaires are suitable for mounting on the ceilings of house entrances, covered terraces and seats, and in all areas in which the illumination of ground surfaces from the ceiling is desired.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling luminaires · **Compact downlights**

Lighting technology: Luminaires with symmetrical wide beam or asymmetrical wide beam light distribution
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass · Reflector surface made of pure aluminium

Colour: Graphite or white
 Graphite – Article number
 White – Article number + **W**



Ceiling-mounted downlights · **symmetrical wide beam**

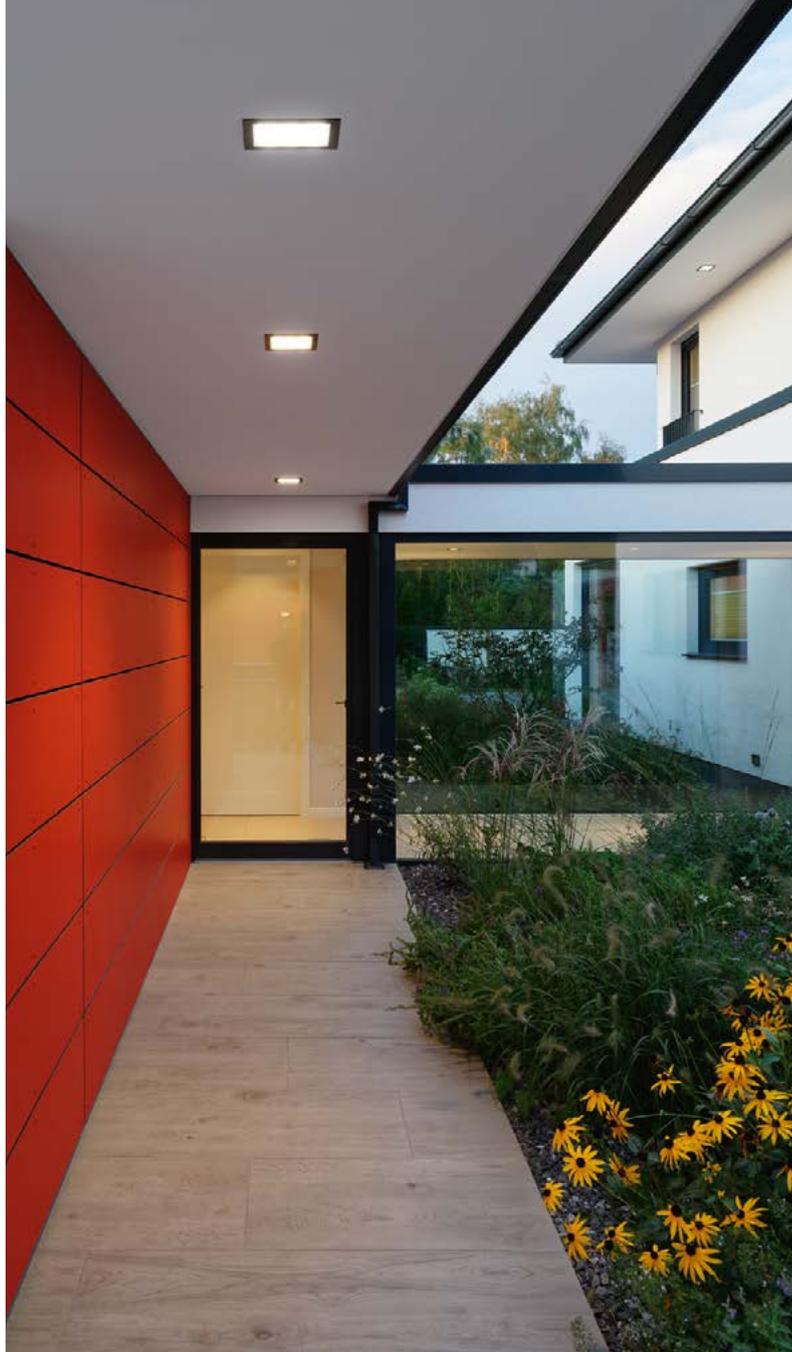
	LED	PSU	EEC	A	B
66 157	4.4 W	405 lm	On/off	A++	95x95 90
66 158	11.0 W	820 lm	On/off	A++	95x95 90
66 159	21.0 W	1670 lm	DALI	A++	130x130 100



Ceiling-mounted downlights · **asymmetrical wide beam**

	LED	PSU	EEC	A	B
24 056	4.4 W	320 lm	On/off	A++	95x95 90
24 057	11.0 W	585 lm	On/off	A++	95x95 90
24 058	21.0 W	1490 lm	DALI	A++	130x130 100





LED recessed ceiling luminaires · Compact downlights for external power supply units

Very compact and efficient LED recessed ceiling luminaires with two light distributions. The luminaires are optionally available with symmetrical wide beam or asymmetrical wide beam light distribution.

The luminaires are suitable for mounting in the ceilings of house entrances, covered terraces and sitting areas, and in all areas in which the illumination of ground surfaces from the ceiling is desired.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

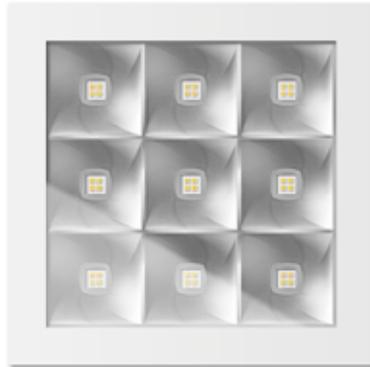
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

White



Silver





LED recessed ceiling luminaires · **Compact downlights**
for external power supply units

Lighting technology: Luminaires with symmetrical wide beam or asymmetrical wide beam light distribution
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

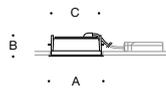
Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
Safety glass
Reflector surface made of pure aluminium

Colour: White or silver
White – Article number
Silver – Article number + **A**

The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. For technical data and explanations, see Page 233.

When making the recessed opening, it might be practical to use an installation housing.
For technical data, see Page 234.



Compact downlights · **symmetrical wide beam**

Install. housing

	LED		EEC	A	B	External power supply unit		
24 804	4.4 W	405 lm	A++	120	90	Included · non-dimmable		13 500
24 805	10.4 W	815 lm	A++	120	90	Included · non-dimmable		13 500
						1-10V	DALI	
24 806	21.5 W	1700 lm	A++	155	90	10 527	10 528	13 501



Compact downlights · **asymmetrical wide beam**

Install. housing

	LED		EEC	A	B	External power supply unit		
24 812	4.4 W	320 lm	A++	120	90	Included · non-dimmable		13 500
24 813	10.4 W	710 lm	A++	120	90	Included · non-dimmable		13 500
						1-10V	DALI	
24 814	21.5 W	1570 lm	A++	155	90	10 527	10 528	13 501



LED ceiling luminaires · Compact downlights

Compact LED ceiling luminaires · downlights in two LED light outputs, optionally as classic downlights or as downlights with crystal cover glass.

On the luminaires 66 055 · 66 056 · 66 051, the partially frosted crystal glass creates an additional unshielded light fraction and supplements the downward-directed light with multi-faceted light graphics of noble charm. The luminaires are suitable for mounting on the ceilings of house entrances, covered terraces and sitting areas and of areas in which the illumination of ground surfaces from the ceiling is desired.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling luminaires · **Compact downlights**

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass on the inside
 or crystal glass, partially frosted
 Reflector made of pure anodised aluminium

Colour: Graphite or white
 Graphite – Article number
 White – Article number + **W**



Compact downlights · **Safety glass on the inside**

	LED		PSU	EEC	A	B
66 975	4.5 W	325 lm	On/off	A++	95	90
66 977	6.6 W	530 lm	On/off	A++	125	110
66 982	11.8 W	950 lm	DALI	A++	150	130



Compact downlights · **Crystal glass, partially frosted**

	LED		PSU	EEC	A	B
66 055	4.5 W	300 lm	On/off	A++	95	95
66 056	6.6 W	545 lm	On/off	A++	125	115
66 051	11.8 W	800 lm	DALI	A++	150	135





LED recessed ceiling luminaires · Compact downlights for external power supply units

Compact LED recessed ceiling luminaires · Downlights in three LED light outputs,
optionally as classic downlights or as downlights with crystal cover glass.

On the luminaires 55 941 · 55 942 · 55 943, the partially frosted crystal glass creates
an additional unshielded light fraction and supplements the downward-directed
light with multi-faceted light graphics of noble charm. The luminaires are suitable for
mounting in the ceilings of house entrances, covered terraces and sitting areas, and
of areas in which the illumination of ground surfaces from the ceiling is desired.

These are luminaires which will impress you through a minimum LED service life of
50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table
might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning
not only the current values but also the LED service life and the luminous flux.





LED recessed ceiling luminaires - Compact downlights

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

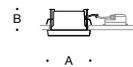
Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass on the inside or crystal glass, partially frosted
 Reflector made of pure anodised aluminium

Colour: 55 922 · 55 924 · 55 926 optionally graphite or white
 Graphite – Article number
 White – Article number + **W**

The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. For technical data and explanations, see Page 233.

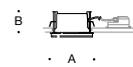
When making the recessed opening, it might be practical to use an installation housing.
 For technical data, see Page 234.



LED compact downlights · Safety glass on the inside

Install. housing

	LED		EEC	A	B	External power supply unit		
	W	lm				1-10V	DALI	
55 922	4.5 W	320 lm	A++	80	90	Included · non-dimmable		10 407
55 924	11.0 W	910 lm	A++	110	90	10 510	10 520	10 440
55 926	15.5 W	1155 lm	A++	145	90	10 527	10 528	10 441



LED compact downlights · Crystal glass, partially frosted

Install. housing

	LED		EEC	A	B	External power supply unit		
	W	lm				1-10V	DALI	
55 941	4.5 W	240 lm	A++	80	90	Included · non-dimmable		10 407
55 942	11.0 W	630 lm	A++	115	90	10 510	10 520	10 440
55 943	15.5 W	850 lm	A++	155	90	10 527	10 528	10 441



LED wall luminaires with directed light

Compact LED wall luminaires with directed light.

The luminaire glass is set flush in the luminaire housing and distributes the light onto the installation surface uniformly with wide beam light distribution.

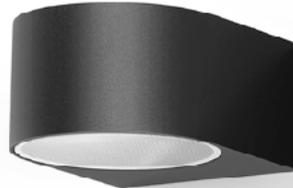
These luminaires can be mounted with the light emission directed optionally upwards or downwards. This way it is possible to accentuate wall surfaces or to emphasize structural details.

They open up numerous design options: in multiple configuration, as a group or in rows.

These are luminaires which will impress you through a minimum LED service life of 50000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



The luminaires can be installed in any burning position.

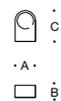
LED wall luminaires

Lighting technology: Luminaires with light emission on one side
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED		PSU	EEC	A	B	C
33 223	4.4 W	345 lm	On/off	A++	100	60	130
33 224	8.6 W	490 lm	On/off	A++	140	60	185



LED wall luminaires with directed light

Linear LED wall luminaires in two light outputs and installation lengths. They are suitable for illuminating danger areas and also for striking light accents on pillars and the front surfaces of walls. In multiple configuration on a wall, they impress by their atmospheric light graphics. The compact luminaire housing made of cast aluminium and the safety glass form a robust and long-lasting entity. These are luminaires which will impress you through a minimum LED service life of 50000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





LED wall luminaires

Lighting technology: Luminaires with directed light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

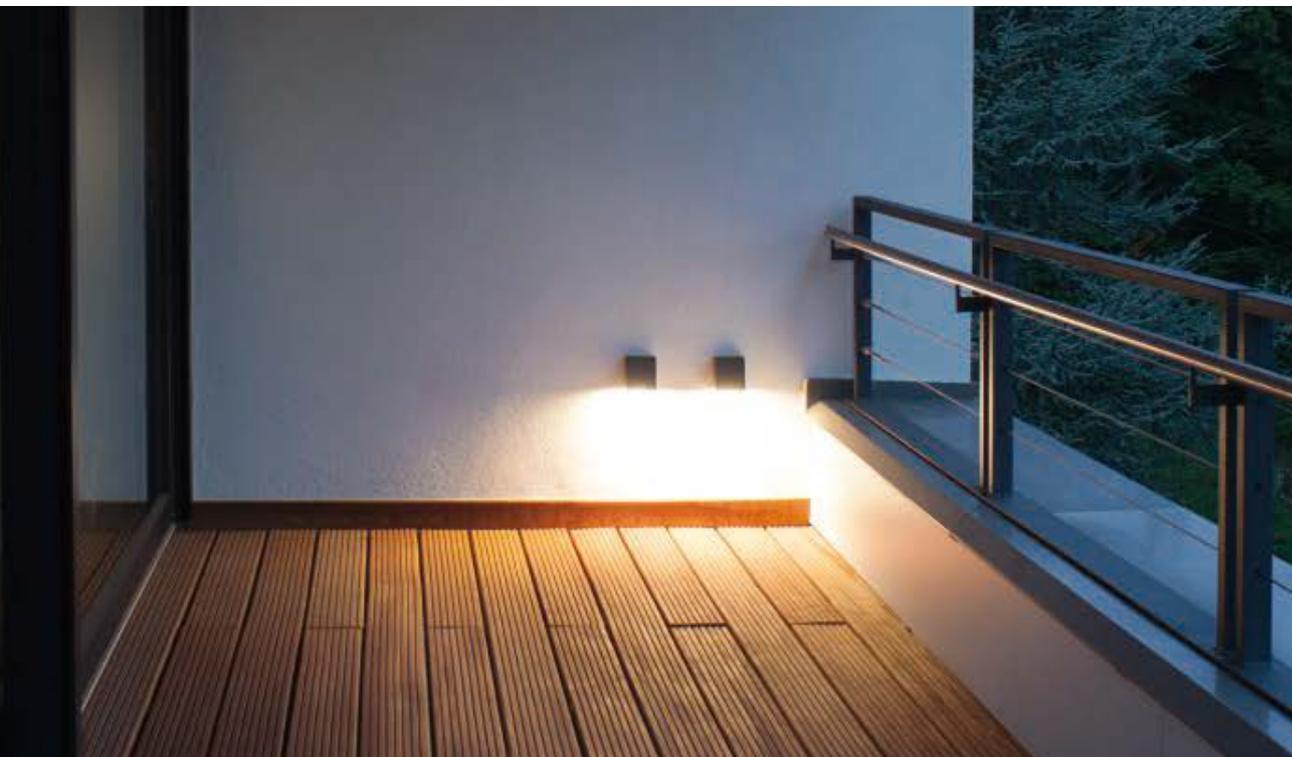
Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



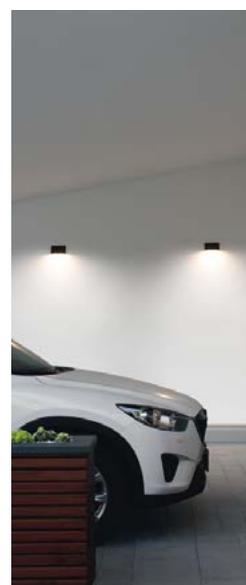
	LED	PSU	EEC	A	B	C
33513	3.5 W 160 lm	On/off	A++	55	140	60
33514	5.8 W 200 lm	On/off	A++	55	200	60



LED wall luminaires with directed light

These luminaires are designed in two lengths and different light outputs. Given their small overhang, they are suitable for various installation heights. At a low mounting height, they accompany pathways around the house. At a high mounting height on walls, they are used alongside house entrances as well as to illuminate the wall surfaces.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux. Garden and pathway luminaires to match the wall luminaires on this page can be found on Page 74.





LED wall luminaires

Lighting technology: Luminaires with directed light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

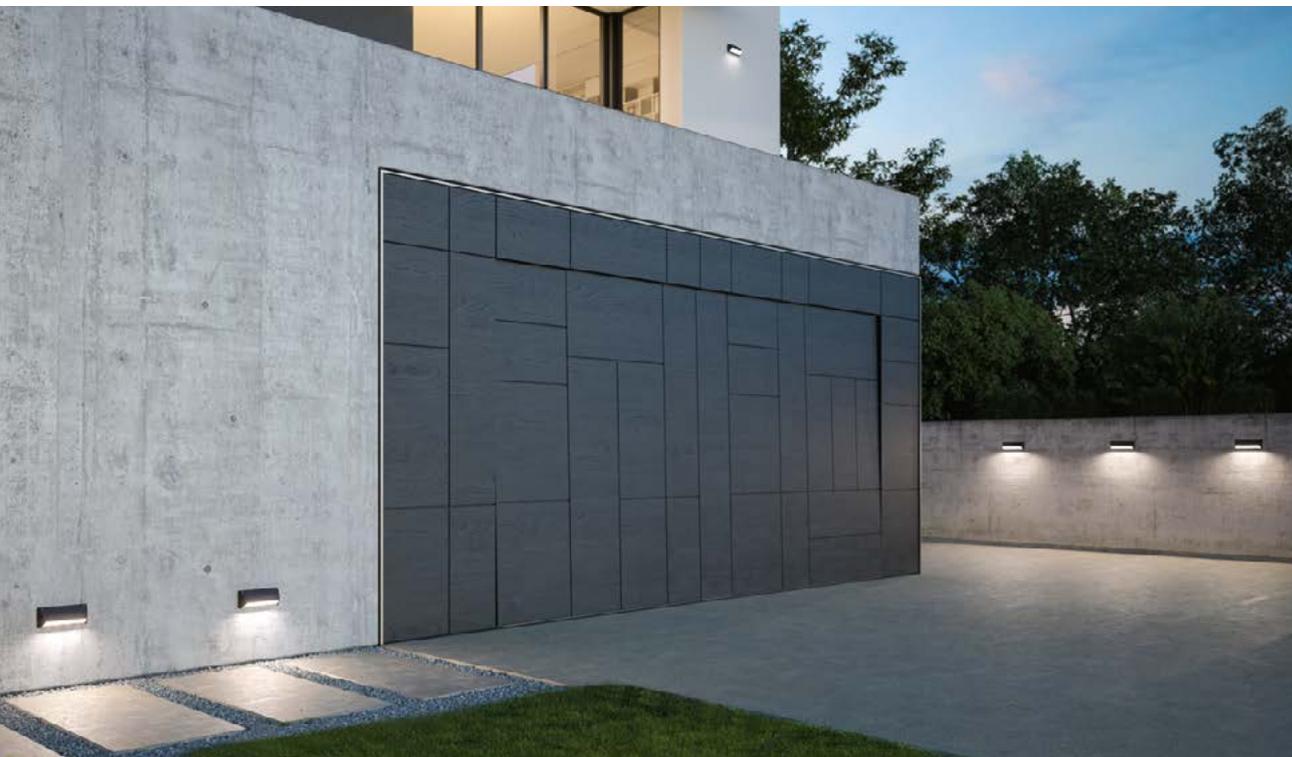
Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass, frosted

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



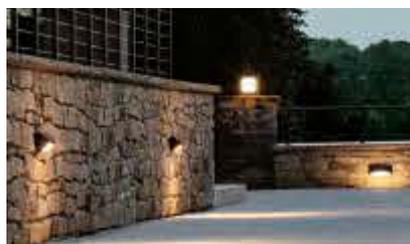
	LED	PSU	EEC	A	B	C
22 215	3.4 W 170 lm	On/off	A++	90	95	60
22 261	5.8 W 360 lm	On/off	A++	175	95	60

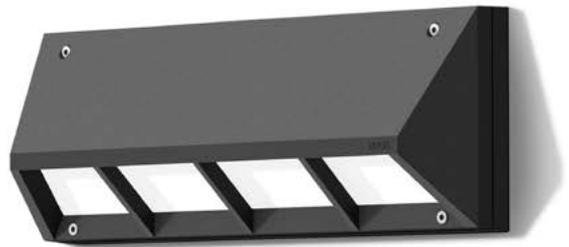


LED wall luminaires with directed light

Compact and robust LED wall luminaires with a small overhang for different installation heights and many different areas of application both indoors and out. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





LED wall luminaires

Lighting technology: Luminaires with directed light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass
 Reflector made of pure anodised aluminium

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED	PSU	EEC	A	B	C
22 375	8.0 W	405 lm	On/off	A++	200	120 75
22 385	15.2 W	940 lm	DALI	A++	300	120 75



LED wall luminaires with directed light

Thanks to their small dimensions, these compact and robust wall luminaires blend unobtrusively in the architecture. Installed at a low height, the small luminaires can help to provide orientation e.g. on steps or along paths. At a greater mounting height, they can illuminate the installation surface and the ground. A reflector made of pure aluminium ensures an exactly defined light distribution. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux. You can find garden and pathway luminaires with the same design features on Page 76.



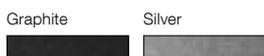
LED wall luminaires

Lighting technology: Luminaires with directed light
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass
 Reflector made of pure anodised aluminium

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED	PSU	EEC	A	B	C
24 501	5.4 W 340 lm	On/off	A++	75	130	80
24 502	17.0 W 1215 lm	DALI	A++	110	190	120
24 503	24.8 W 2020 lm	DALI	A++	130	230	150



LED wall washers with light emission on one or two sides

Compact LED wall washers with shielded light source that emit their light optionally in one or two directions.

A reflector inside the housing directs the light of the LED glare-free onto the mounting surface.

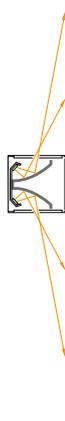
Luminaires with light emission aperture on one side must be mounted with the light emission directed downwards.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

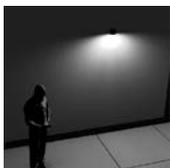
The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





On one side



On two sides



LED wall washers

Lighting technology: Luminaires with light emission on **one** or **two** sides
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

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

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass
 Reflector made of pure anodised aluminium

Colour: Graphite, white or silver
 Graphite – Article number
 White – Article number + **W**
 Silver – Article number + **A**



Light emission on one side

	LED	PSU	EEC	A	B	C
24 370	10.0 W	420 lm	On/off	A++	120	130 130

Light emission on two sides

	LED	PSU	EEC	A	B	C
24 371	19.6 W	805 lm	On/off	A++	120	130 130



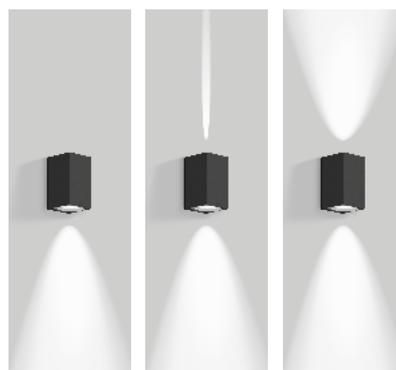
Wall luminaires with light emission on one or two sides with LED or for halogen lamps

You can choose between two versions of this luminaire: with light emission on one side or on two sides. The luminaire housings have identical dimensions.

It is thus possible to combine luminaires with different light emissions. In the day-time, these luminaires with their linear form fade into the background and the building's charm is preserved. In the dark, they cover the architecture with impressive light graphics.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Wall luminaires

Lighting technology: Luminaires optionally with light emission on **one** or **two sides**, with LED or for halogen lamps
 Luminaires with LED · integral power supply unit
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

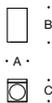
The luminaires

33 579 · 33 580 · 33 582 · 33 583 · 24 594 · 24 595 are allowed to be installed only in the illustrated burning position.

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass · Reflectors made of pure anodised aluminium

Colour: Graphite, white or silver
 Graphite – Article number
 White – Article number + **W**
 Silver – Article number + **A**



Narrow beam downwards

	LED		PSU	EEC	A	B	C
	33 579	3.2 W 155 lm	On/off	A++	75	130	95
	33 580	6.0 W 315 lm	DALI	A++	110	190	125
		Lamp		Base			
	33 582	1 QT 14 48 W	G 9	C-E	75	130	95
	33 583	1 QT 14 60 W	G 9	C-E	110	190	125

Very narrow beam upwards · Narrow beam downwards

	LED		PSU	EEC	A	B	C
	24 594	5.5 W 275 lm	On/off	A++	75	130	95
	24 595	10.5 W 435 lm	DALI	A++	110	190	125

Narrow beam in both directions

	LED		PSU	EEC	A	B	C
	33 590	5.5 W 295 lm	On/off	A++	75	130	95
	33 591	10.5 W 600 lm	DALI	A++	110	190	125
		Lamp		Base			
	33 593	1 QT 14 48 W	G 9	C-E	75	130	95
	33 596	1 QT 14 60 W	G 9	C-E	110	190	125





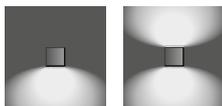
LED wall luminaires with light emission on one or two sides

These compact luminaires with integrated LED can illuminate and accentuate many situations around the house. Their brilliant crystal glass creates a pleasantly soft light. The glass is white on the inside, highlighting the complete thickness of the material. Special light graphics and lustrous effects result from the transparent glass edges. Our glass makers call them "ice edges". These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Luminaires with light emission on one side



LED wall luminaires

Lighting technology: Luminaires with light emission on **one** or **two** sides
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

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

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



Light emission on one side

	LED	PSU	EEC	A	B	C
33 405	7.0 W	205 lm	On/off	A ⁺⁺	90	110
33 449	10.0 W	420 lm	On/off	A ⁺⁺	120	140



Light emission on two sides

	LED	PSU	EEC	A	B	C
33 505	7.8 W	235 lm	On/off	A ⁺⁺	90	120
33 549	19.8 W	700 lm	On/off	A ⁺⁺	120	155





LED wall luminaires with light emission on two sides

White safety glass is set flush in half-rounded luminaire housings made of cast aluminium. As the result, soft light is emitted uniformly upwards and downwards. You can select between two luminaire lengths to suit the architectonic conditions. These luminaires are suitable in particular for house entrances and façades. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED wall luminaires

Lighting technology: Luminaires with light emission on two sides
 Colour temperature 3000K,
 corresponds to warm white
 Article number + **K3**

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass, white

Colour: Graphite, white or silver
 Graphite – Article number
 White – Article number + **W**
 Silver – Article number + **A**



	LED	PSU	EEC	A	B	C
33 325	5.4 W 280 lm	On/off	A++	200	55	120
33 326	7.6 W 490 lm	On/off	A++	300	55	140



LED wall luminaires with light emission on one or two sides

Wall luminaires of linear design with light emission on one or two sides.

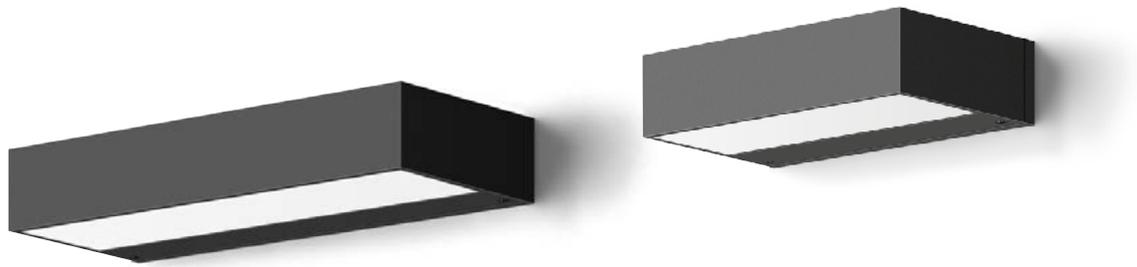
The precisely cast aluminium housings hold white safety glass which ends flush with the housing. This glass produces a soft and uniform light.

Thanks to their clear-cut and linear design, these luminaires are suited in particular for multiple configuration in a row.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED wall luminaires

Lighting technology: Luminaires with light emission on **one** or **two** sides
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

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

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
 Safety glass, white

Colour: Graphite, white or silver
 Graphite – Article number
 White – Article number + **W**
 Silver – Article number + **A**



Light emission on one side

	LED	PSU	EEC	A	B	C
33 319	5.4 W	185 lm	On/off	A++	200	55 120
33 329	7.6 W	365 lm	On/off	A++	300	55 120



Light emission on two sides

	LED	PSU	EEC	A	B	C
33 340	5.4 W	245 lm	On/off	A++	200	55 120
33 341	7.6 W	515 lm	On/off	A++	300	55 120





Impact-resistant ceiling, wall and pillar luminaires with LED or for fluorescent lamps and for lamps with screw base E 27

A sturdy encompassing cast aluminium frame forms a unique design feature for this luminaire series.

The frame protects the corners and edges of the thick-walled crystal glass. Nevertheless, the light from the luminaires is unshielded.

These quite robust luminaires can be used as ceiling, wall and pillar luminaires.

You will find suitable BEGA LED lamps with screw base E 27 on Page 231.

The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

Garden and pathway luminaires to match the wall luminaires on this page can be found on Page 72.





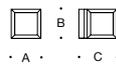
Ceiling, wall and pillar luminaires

Lighting technology: Luminaires with unshielded light
with LED or for fluorescent lamps
and for lamps with screw base E 27
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
Crystal glass, inside white

Colour: Graphite or silver
Graphite – Article number
Silver – Article number + **A**



	LED		PSU	EEC	A	B	C
22 423	4.5 W	240 lm	On/off	A++	120	120	160
22 453	5.3 W	370 lm	On/off	A++	160	160	205
	Lamp		Base		A	B	C
22 643	1 TC-TELI	18 W	GX24 q-2	A - B	160	160	205
22 633	1 lamp	75 W	E 27	A++-E	160	160	205





Impact-resistant ceiling, wall and pillar luminaires with LED or for fluorescent lamps and for lamps with screw base E 27

The robust luminaire glass makes this group of luminaires particularly striking. Transparent edges result from the thickness of the glass material. Our glass makers call them "ice edges".

They lend the luminaire glass a special lustrous effect and underline the high value of the luminaires. The glass is held by housings made of cast aluminium. The light is optionally unshielded or shielded on one side.

You will find suitable BEGA LED lamps with screw base E 27 on Page 231.

The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Ceiling, wall and pillar luminaires

Lighting technology: Luminaires with unshielded light or with light shielded on one side with LED or for fluorescent lamps and for lamps with screw base E 27
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



Unshielded

	LED	PSU	EEC	A	B	C
22 432	4.5 W	285 lm	On/off	A++	120	120 135
22 439	5.3 W	480 lm	On/off	A++	160	160 175
	Lamp	Base				
22 446	1 TC-TELI	18 W	GX24 q-2	A-B	160	160 175
22 444	1 lamp	60 W	E 27	A++-E	160	160 175



Shielded on one side

	LED	PSU	EEC	A	B	C
33 327	4.5 W	225 lm	On/off	A++	120	120 145
33 328	5.3 W	390 lm	On/off	A++	160	160 180
	Lamp	Base				
33 338	1 TC-TELI	18 W	GX24 q-2	A-B	160	160 180





Impact-resistant luminaires with LED or for lamps with screw base E 27

This luminaire series is made of die-cast aluminium and characterised by a clear-cut, brick-like design. Three versions are available: shielded on two sides, unshielded or shielded on one side.

These luminaires form a design entity and can be combined with each other. This enables the selection of matching luminaires from one series, depending on the architectonic conditions. The robust luminaire glass makes this group of luminaires particularly striking. Its transparent edges – called “ice edges” by our glass makers – demonstrate the thickness of the material.

The bundled reflected light creates special lustrous effects which underline the high value of the luminaires. You will find suitable BEGA LED lamps with screw base E 27 on Page 231.

The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Wall luminaires

Lighting technology: Luminaires with unshielded or shielded light with LED or for lamps with screw base E 27
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



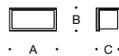
Shielded on two sides · Fig. on Page 50

	LED	PSU	EEC	A	B	C
33 442	3.3 W	195 lm	On/off	A++	110	90
33 443	11.0 W	480 lm	On/off	A++	125	125
33 444	19.5 W	940 lm	On/off	A+	140	135
	Lamp	Base				
33 476	1 lamp	60 W	E 27	A++-E	125	125



Unshielded

	LED	PSU	EEC	A	B	C
33 470	3.3 W	220 lm	On/off	A++	220	80
33 371	11.0 W	595 lm	On/off	A++	260	115
33 373	19.5 W	1185 lm	On/off	A+	300	125
	Lamp	Base				
33 471	1 lamp	60 W	E 27	A++-E	260	115



Shielded on one side

	LED	PSU	EEC	A	B	C
33 482	3.3 W	180 lm	On/off	A++	220	90
33 384	11.0 W	470 lm	On/off	A++	260	125
33 385	19.5 W	820 lm	On/off	A+	300	135
	Lamp	Base				
33 483	1 lamp	60 W	E 27	A++-E	260	125





Impact-resistant LED ceiling and wall luminaires

These robust, versatile luminaires are shielded on one side. A striking design feature of the luminaires is the thick-walled crystal glass. This glass is white on the inside. As the result, the impressive thickness of the material becomes visible at the edges of the glass.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling and wall luminaires

Lighting technology: Luminaires with light shielded on one side
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED		PSU	EEC	A	B
24 036	1.6 W	85 lm	On/off	A++	105	80
33 507	4.3 W	240 lm	On/off	A++	160	100
33 508	6.5 W	505 lm	On/off	A++	215	115
33 509	12.6 W	920 lm	DALI	A++	265	120



Impact-resistant LED ceiling and wall luminaires

We have been producing impact-resistant ceiling and wall luminaires for more than 30 years. As distinctive and recognised designs, they have received many international awards.

The concept and the design have proved successful throughout three decades and more. They were characteristic of a whole series of luminaires in our range of products, and became models for outdoor luminaires in general. This new series continues and at the same time completes existing lines.

New proportions and technical perfection round off the clear-cut shapes to form modern lighting tools. They have a high protection class and extremely shallow projection, and are available in various sizes.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling and wall luminaires

Lighting technology: Luminaires with unshielded light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED	PSU	EEC	A	B
24 037	1.6 W 100 lm	On/off	A++	105	55
33 534	4.3 W 320 lm	On/off	A++	160	65
33 535	6.5 W 575 lm	On/off	A++	215	70
33 523	12.6 W 1040 lm	DALI	A++	265	80



	LED	PSU	EEC	A	B
33 502	4.3 W 245 lm	On/off	A++	160	75
33 503	6.5 W 415 lm	On/off	A++	215	80
33 504	12.6 W 825 lm	DALI	A++	265	90





LED wall luminaires

Highly compact, powerful and efficient LED wall luminaires.

The high protection class and excellent workmanship make these luminaires durable and reliable lighting tools for indoors and out.

Thick-walled crystal glass with impressive “ice edges” is combined with a die-cast aluminium housing to create a formal unity. The results are luminaires which feature a modern streamlined design and ideal proportions, by day and by night. But only our reliable and cost-effective LED technology makes luminaires with these compact dimensions possible. Cost-effective and aesthetic structural details for good light.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



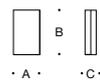
LED wall luminaires

Lighting technology: Luminaires with unshielded light
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

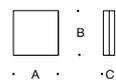
Protection class: IP 65

Material: Cast aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED		PSU	EEC	A	B	C
33 604	5.5 W	300 lm	On/off	A++	120	240	75



	LED		PSU	EEC	A	B	C
33 601	7.5 W	610 lm	On/off	A++	170	170	70
33 602	13.5 W	1170 lm	DALI	A++	240	240	75





LED wall luminaires

Two luminaires made of cast aluminium, which we have adapted perfectly to our LED technology. Luminaires with a small overhang and clear-cut lines.

Contemporary in design and cost-effective in operation, they represent durable and aesthetic structural details for good light.

They are shielded on one or two sides and are suitable for numerous lighting applications around the house. Luminaire 24 071 can be shielded on the left and right or on the top or bottom, depending on the direction of installation.

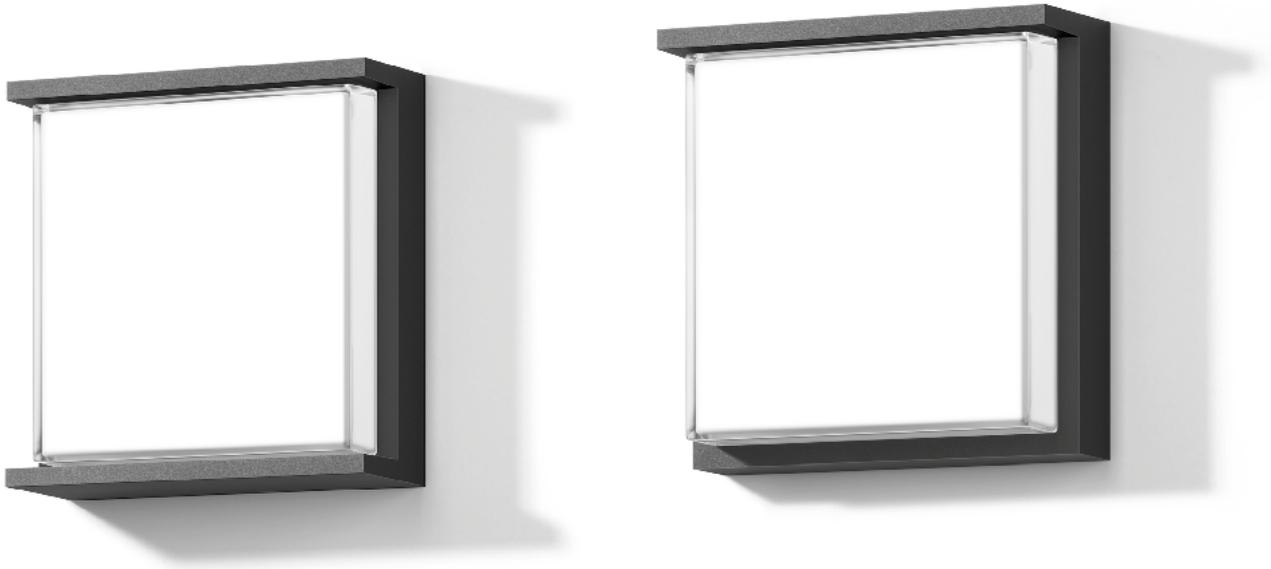
On request, the luminaires of this series are also available with weatherproof figures.

This allows house numbers to be read easily, even from great distances – by day and by night.

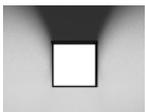
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

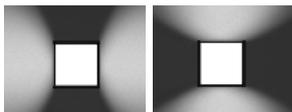
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



24 070



24 071



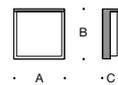
LED wall luminaires

Lighting technology: Luminaires with shielded light
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

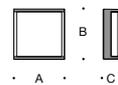
Material: Cast aluminium and stainless steel
 Crystal glass, inside white

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



Wall luminaire · shielded **on one side** · Fig. right

	LED	PSU	EEC	A	B	C
24 070	13.7 W	1010 lm	On/off	A++	240	240 85



Wall luminaire · shielded **on two sides** · Fig. left

	LED	PSU	EEC	A	B	C
24 071	13.7 W	1090 lm	On/off	A++	240	240 85

Graphite

Silver





Ceiling and wall luminaires · Light Brick – Lichtbaustein® with LED or for lamps with screw base E 27

BEGA light bricks have been brilliant structural details for decades. The luminaires of this series continue this timeless design.

Thanks to their precision housings made of cast aluminium, the luminaires are effectively accentuated by the hand-blown opal glass. The contrasting effect of the two materials determines the design, by day and by night. The different dimensions and light outputs of these luminaires, combined with their use as ceiling or wall luminaires, can facilitate a host of lighting applications, both indoors and out. You will find suitable BEGA LED lamps with screw base E 27 on Page 231.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



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

Lighting technology: Luminaires with unshielded light
with LED or for lamps with screw base E 27
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Protection class: IP 44

Material: Cast aluminium and stainless steel
Satin matt opal glass

Colour: Graphite or silver
Graphite – Article number
Silver – Article number + **A**



	LED	PSU	EEC	A	B
33 032	6.0 W 305 lm	On/off	A++	170x170	70
33 036	5.4 W 490 lm	On/off	A++	200x200	90
	Lamp	Base			
33 034	1 lamp 75 W	E 27	A++-E	200x200	90
33 035	2 lamps 60 W	E 27	A++-E	275x275	100



LED ceiling and wall luminaires

House number luminaires are used for marking and orientation purposes around the house. They illuminate the entrance area and simultaneously provide the convenience and certainty of quickly finding a particular address.

The digits of the number can be clearly seen from a distance.

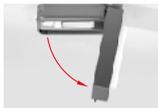
This is assured by the crystal glass with white interior. In the day-time, it provides a high-contrast background for the labelling; in the night-time, it produces glare-free and uniform back-lighting for the house numbers.

In the table, you can find luminaires with motion detectors and house number luminaires with twilight switches.

They perform their duties reliably decade after decade.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling and wall luminaires
**with integral motion detector or
 as a house number luminaire with twilight switch**

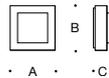
Lighting technology: Luminaires with unshielded light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

33 787 with 1 to 2-digit figures · Height 75 mm
 33 788 with 1 to 2-digit figures · Height 120 mm
 or 3-digit figures · Height 75 mm

Colour: 33 865 graphite
 33 787 · 33 788 graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



LED ceiling and wall luminaire with **motion sensor**

	LED	PSU	EEC	A	B	C
33 865	11.2 W	545 lm	On/off	A++	260	260 90

LED house number luminaires with **twilight switch**

	LED	PSU	EEC	A	B	C
33 787	7.0 W	70 lm	On/off	A++	210	210 80
33 788	11.0 W	220 lm	On/off	A++	260	260 90





LED recessed wall luminaires 24 V DC Unshielded, shielded or directed light

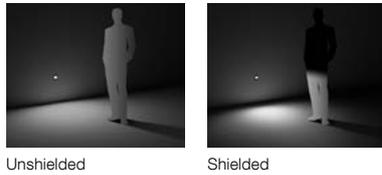
Small recessed wall luminaires optionally in round or square design.

As guiding lights, the unshielded luminaires are ideal for orientation purposes. Shielded luminaires are suitable for similar applications, but with reduced ambient brightness. Luminaires with directed light mainly illuminate the traffic areas in front of the installation surface, thus providing for safety along pathways, even in the dark.

Recessed luminaires for corridors, pathways and staircases, and wherever dangerous areas have to be marked.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED recessed wall luminaires 24 V DC

Lighting technology: Luminaires with unshielded, shielded or directed light
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**

A separate power supply unit · 24 V DC is required to operate the luminaires.
 For technical data, see Page 233.
 When making the recessed opening, it might be practical to use an installation housing. If luminaires are to be installed in brickwork or in concrete walls that will later be plastered, additional plaster frames should be used. For technical data, see Page 234.



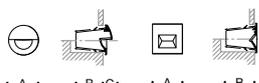
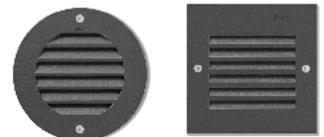
· A · · A · · B ·

Install. housing	Plaster frames	Recessed luminaires · unshielded light					
			LED	Power supply unit	EEC	A	B
10 415	10 015	22 109	Round	2.6 W 30 lm	w/o* · 24 V DC	A++	80 80
10 406	10 006	22 202	Square	2.6 W 35 lm	w/o* · 24 V DC	A++	80 80



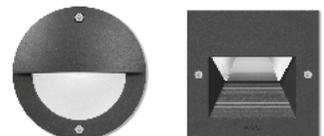
· A · · A · · B ·

Install. housing	Plaster frames	Recessed luminaires · shielded light					
			LED	Power supply unit	EEC	A	B
10 415	10 015	22 101	Round	2.6 W 10 lm	w/o* · 24 V DC	A++	80 80
10 406	10 006	22 203	Square	2.6 W 10 lm	w/o* · 24 V DC	A++	80 80



· A · · B · C · · A · · B ·

Install. housing	Plaster frames	Recessed luminaires · directed light						
			LED	Power supply unit	EEC	A	B	C
10 415	10 015	22 369	Round	2.7 W 85 lm	w/o* · 24 V DC	A++	80 80	20
10 406	10 006	22 230	Square	2.7 W 95 lm	w/o* · 24 V DC	A++	80 80	–



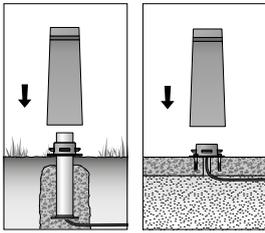
*You can find suitable power supply units on Page 233.



Shielded light

LED garden and pathway luminaires with shielded, directed light

LED garden and pathway luminaires for light from a low mounting height. Ideal luminaires for many situations on footpaths and terraces in private gardens and house entrances. It illuminates ground surfaces glare-free and uniformly from a low height. Be it as a single luminaire or in a row, e.g. along paths, they stand out by their clear-cut style and their visual comfort. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a mounting plate for installation on foundations or a paved surface. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Anchorage unit Mounting plate

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with shielded light, directed downwards
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**
 77 276 - 77 277 recommended light point interval 4 m
 84 108 - 84 176 recommended light point interval 6 m

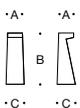
Installation: 1 line connector 3x2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel · Safety glass
 Anchorage unit made of hot-dip galvanised steel
 or mounting plate for mounting on foundations

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED	EEC	A	B	C	
77 276	With anchorage unit	8.4 W	210 lm	A++	70	250	90
77 277	With mounting plate	8.4 W	210 lm	A++	70	250	90
84 108	With anchorage unit	13.6 W	650 lm	A++	125x85	350	150x110
84 176	With mounting plate	13.6 W	650 lm	A++	125x85	350	150x110





LED garden and pathway luminaires with light emission on two sides

Luminaires for the garden, the house entrance and for many situations along paths and terraces.

The luminaires produce impressive light graphics on the ground surface. The warm white light has an inviting effect.

It structures and accentuates the garden.

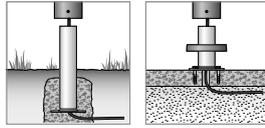
You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Directed light



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with directed light
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 4 m

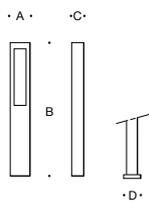
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel · Safety glass
 Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED	EEC	A	B	C	D
77 265	With anchorage unit	5.8 W	155 lm	A ⁺⁺	90	700	50 –
77 266	With screw-on base	5.8 W	155 lm	A ⁺⁺	90	700	50 80



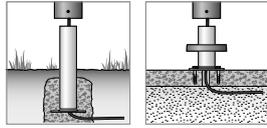


LED garden and pathway luminaires with light emission on one side

These luminaires cover many lighting situations in the garden, at the house entrance, and along pathways and terraces. Soft and uniform light with high visual comfort is assured by the large light aperture made of safety glass, which is set flush in the rectangular luminaire body. Modern LED technology emits a warm white light colour in 3000K. You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Light emission on one side



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



Graphite

Silver

LED garden and pathway luminaires

Lighting technology: Luminaires with light emission on one side
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 4.5 m

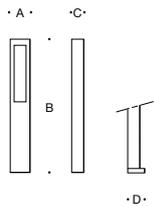
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium, stainless steel · Safety glass
 Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED		EEC	A	B	C	D
77 246	With anchorage unit	3.3 W	135 lm	A ⁺⁺	90	700	55	—
77 247	With screw-on base	3.3 W	135 lm	A ⁺⁺	90	700	55	65





LED garden and pathway luminaires with unshielded light

Bollards with unshielded light in two heights for a variety of different lighting situations.

The luminaires have a square layout.

A striking frame made of cast aluminium encompasses the thick-walled luminaire glass without impairing the light emission.

These robust luminaires enable you to define and structure zones.

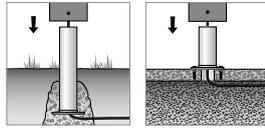
You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Unshielded light



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



Graphite

Silver

LED garden and pathway luminaires

Lighting technology: Luminaires with unshielded light

Colour temperature 3000 K, corresponds to warm white

Article number + **K3**

84 604 · 84 606 recommended light point interval 4 m,

84 605 · 84 607 recommended light point interval 5 m

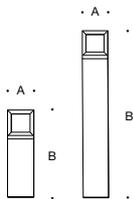
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
Crystal glass, inside white
Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
For technical data, see Page 232.

Colour: Graphite or silver
Graphite – Article number
Silver – Article number + **A**



Garden and pathway luminaires · Height 400 mm

		LED	EEC	A	B
84 604	With anchorage unit	4.4 W 265 lm	A ⁺⁺	120 x 120	400
84 606	With screw-on base	4.4 W 265 lm	A ⁺⁺	120 x 120	400

Garden and pathway luminaires · Height 800 mm

		LED	EEC	A	B
84 605	With anchorage unit	4.4 W 265 lm	A ⁺⁺	120 x 120	800
84 607	With screw-on base	4.4 W 265 lm	A ⁺⁺	120 x 120	800





LED garden and pathway luminaires with shielded, directed light

LED garden and pathway luminaires for light from a low mounting height.

Luminaires that offer glare-free and uniform illumination of the surfaces to be illuminated. Ideal luminaires for many situations on footpaths and terraces in private gardens and house entrances. Cost-effective and efficient LED technology makes them low-maintenance and modern luminaires for your garden architecture. The light colour of the LED corresponds to 3000K warm white.

You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface.

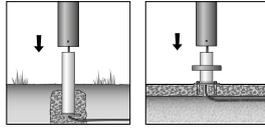
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

Wall luminaires to match these garden and pathway luminaires can be found on Page 30.



Shielded directed light



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with shielded light, directed downwards
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 4.5 m

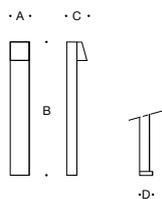
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 64

Material: Cast aluminium, aluminium, stainless steel · Safety glass
 Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED	EEC	A	B	C	D
77 237	With anchorage unit	3.4 W	135 lm	A ⁺⁺	90	700	105 —
77 238	With screw-on base	3.4 W	135 lm	A ⁺⁺	90	700	105 65

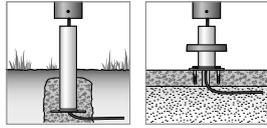
LED garden and pathway luminaires with shielded, directed light

These LED luminaires are used alongside paths, house entrances and terraces. Their warm white light is directed at the ground surface. A high level of visual comfort and safety is provided along the pathways and surfaces around the house and garden. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux. You can find wall luminaires with the same design features on Page 34.





Shielded directed light



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with shielded light, directed downwards
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 3.5 m

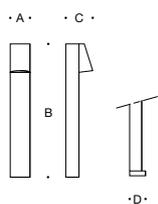
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel · Safety glass
 Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED		EEC	A	B	C	D
77 239	With anchorage unit	3.3 W	145 lm	A ⁺⁺	75	700	125	—
77 249	With screw-on base	3.3 W	145 lm	A ⁺⁺	75	700	125	65

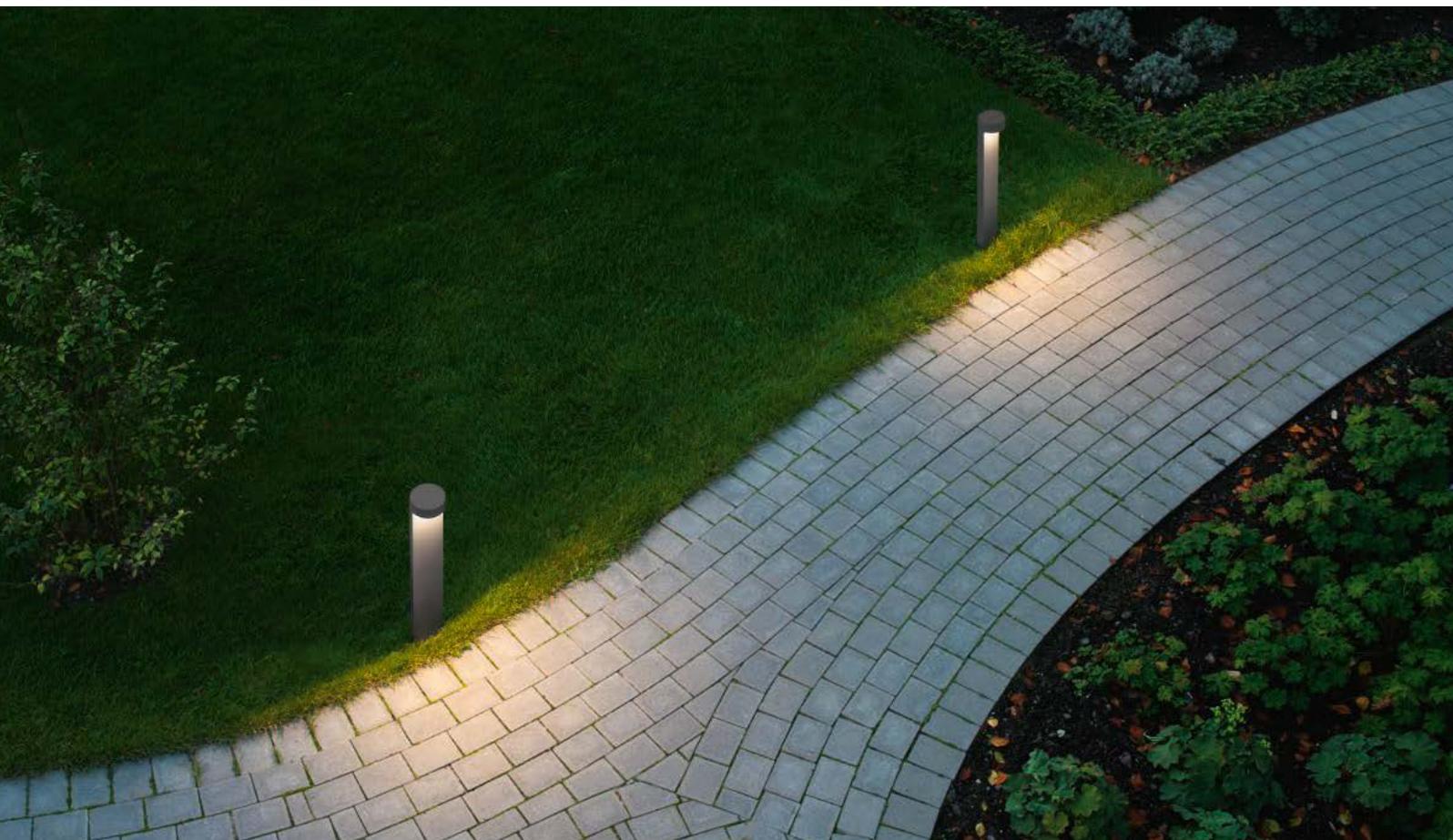


LED garden and pathway luminaires with shielded, directed light

Thanks to their shape, these LED luminaires blend harmoniously in the architecture. Their light is directed downwards onto the walking zone, providing a high level of visual comfort and safety along the pathways and surfaces around the house and garden. Their warm white light illuminates the ground surfaces without producing any glare. You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface.

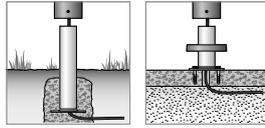
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Shielded directed light



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with shielded light, directed downwards
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 5 m

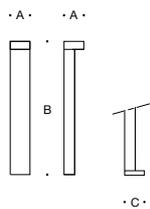
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium, stainless steel
 Safety glass
 Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED		EEC	A	B	C
77 263	With anchorage unit	3.5 W	145 lm	A ⁺⁺	110	700	—
77 264	With screw-on base	3.5 W	145 lm	A ⁺⁺	110	700	110





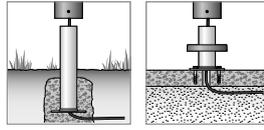
LED garden and pathway luminaires with unshielded light

LED garden and pathway luminaires with unshielded light for a variety of different lighting situations around the house and garden. Luminaires that can mark the access routes to the house and illuminate the paths in the garden.

A safety guard made of cast aluminium protects the thick-walled luminaire glass without impairing the light emission. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. LED colour temperature: 3000 K

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with unshielded light
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 5 m

Installation: 1 line connector 3x2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Crystal glass, inside white

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Anchorage unit or screw-on base made of hot-dip galvanised steel

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED		EEC	A	B
84 608	With anchorage unit	4.4 W	205 lm	A ⁺⁺	110	700
84 609	With screw-on base	4.4 W	205 lm	A ⁺⁺	110	700



LED garden and pathway luminaires
with shielded, directed light



The light distribution of the LED luminaires is rotationally symmetrical with very wide beam. These luminaires are ideal in particular for accentuating areas of the garden. Their warm white light is absolutely glare-free. You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

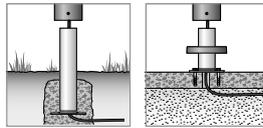




Shielded directed light



Shielded rotationally symmetrical light



Anchorage unit Screw-on base
A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with shielded light, directed downwards
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 77 218 · 77 219 recommended light point interval 5.0 m
 77 233 · 77 234 recommended light point interval 4.5 m

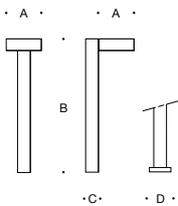
Installation: 1 line connector 3x2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium, stainless steel
 Synthetic cover with optical texture
 Anchorage unit or screw-on base
 made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

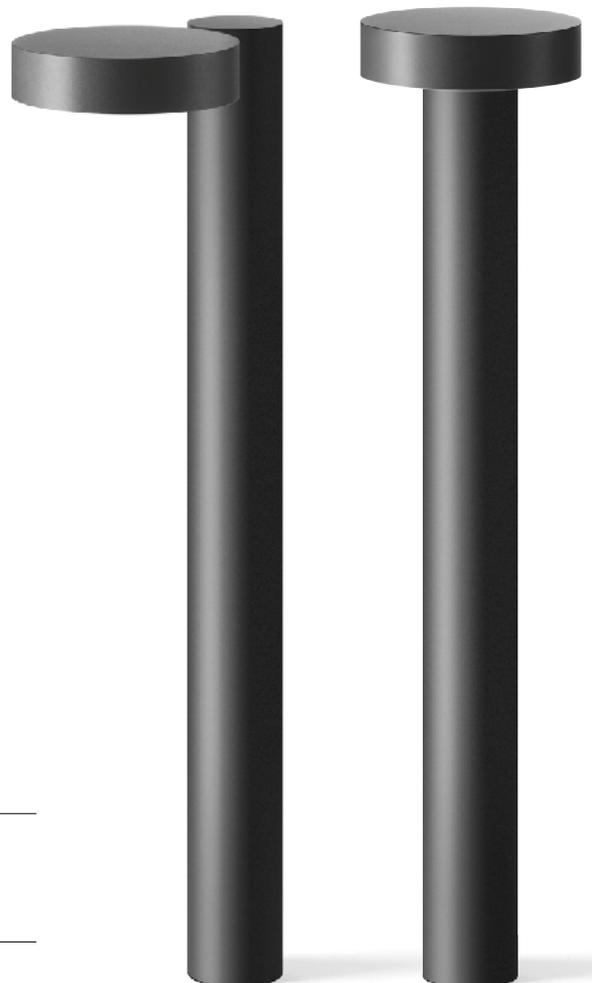
Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



		LED	EEC	A	B	C	D
77 218	With anchorage unit	8.5 W	375 lm	A ⁺⁺	160	700	70
77 219	With screw-on base	8.5 W	375 lm	A ⁺⁺	160	700	110



		LED	EEC	A	B	C	D
77 233	With anchorage unit	5.6 W	130 lm	A ⁺⁺	160	700	70
77 234	With screw-on base	5.6 W	130 lm	A ⁺⁺	160	700	110



Unshielded garden and pathway luminaires
with LED or for lamps with screw base E 14 and E 27



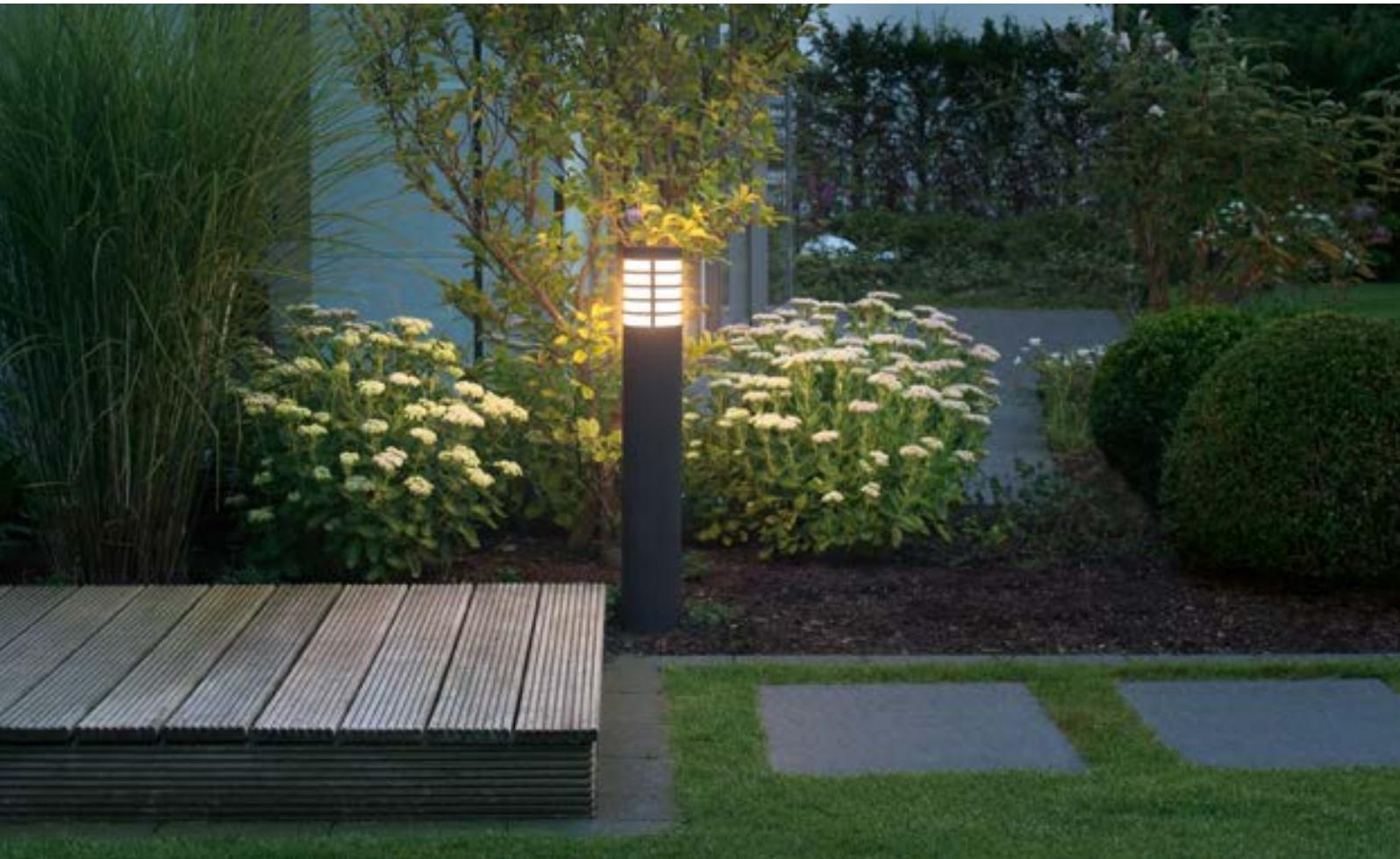
The light of these garden and pathway luminaires with safety guard is unshielded. Optionally with light emission of 180° or 360°.

The hand-blown three-ply opal glass makes the light pleasantly soft and produces a high level of visual comfort. A safety guard protects the glass from mechanical damage.

These luminaires are available in two sizes. They can be selected to suit the size of the garden. In addition to the efficient LED version of these luminaires, they are also available with screw bases E 14 and E 27. You will find suitable BEGA LED lamps on Page 231.

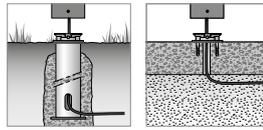
The luminaires can be bolted with the supplied mounting plate to a foundation provided by the customer or to an anchorage unit made of hot-dip galvanised steel. The anchorage unit must be ordered separately as an accessory for the luminaire.

The LED luminaires of this series will impress you through a minimum LED service life of 50000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Unshielded light



Anchorage unit Mounting plate



Graphite

Silver

Garden and pathway luminaires

Lighting technology: Luminaires with unshielded light · Light emission 180° or 360° with LED or for lamps with screw base E 14 and E 27
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**
 84 024 · 84 028 recommended light point interval 4.5 m
 84 025 · 84 029 recommended light point interval 6.0 m

Installation: Connection box with terminals 3 x 4[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Opal glass with thread
 The luminaires on this double page are bolted with a supplied mounting plate to a foundation provided by the customer or to an anchorage unit made of hot-dip galvanised steel.
 The anchorage unit must be ordered separately as an accessory.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



Light emission 180° · with safety guard							
	LED		EEC	A	B		Anch. unit
84 024	5.6 W	95 lm	A++	110	730		70 894
84 025	9.8 W	180 lm	A++	140	900		70 895
	Lamp	Base					
84 026	1 lamp	40 W	E 14	A++-E	110	730	70 894
84 027	1 lamp	60 W	E 27	A++-E	140	900	70 895
Light emission 360° · with safety guard							
	LED		EEC	A	B		Anch. unit
84 028	5.6 W	180 lm	A++	110	730		70 894
84 029	9.8 W	350 lm	A++	140	900		70 895
	Lamp	Base					
84 030	1 lamp	40 W	E 14	A++-E	110	730	70 894
84 031	1 lamp	60 W	E 27	A++-E	140	900	70 895



Unshielded garden and pathway luminaires with LED or for lamps with screw base E 27

The light of these garden and pathway luminaires is unshielded. Three-ply hand-blown opal glass makes the light pleasantly soft and produces a high level of visual comfort.

These luminaires are available in two sizes. They can be selected to suit the size of the garden. In addition to the efficient LED version of these luminaires, they are also available with screw bases E 27. You will find suitable BEGA LED lamps on Page 231.

The luminaires can be bolted with the supplied mounting plate to a foundation provided by the customer or to an anchorage unit made of hot-dip galvanised steel. The anchorage unit must be ordered separately as an accessory for the luminaire.

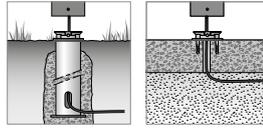
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

Portable luminaires to match these garden and pathway luminaires can be found on Page 102.



Unshielded light



Anchorage unit Mounting plate



Graphite Silver

Garden and pathway luminaires

Lighting technology: Luminaires with unshielded light · Light emission 360°
 with LED or for lamps with screw base E 27
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**
 77 742 recommended light point interval 7 m
 77 743 recommended light point interval 9 m

Installation: Connection box with terminals 3 x 4[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Opal glass with thread

The luminaires on this double page are bolted with a supplied mounting plate to a foundation provided by the customer or to an anchorage unit made of hot-dip galvanised steel.
 The anchorage unit must be ordered separately as an accessory.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



	LED	PSU	EEC	A	B	Anch. unit
77 742	5.6 W	440 lm	On/off	A++	110 730	70 894
77 743	9.8 W	730 lm	On/off	A++	140 900	70 895
	Lamp	Base		A	B	
77 746	1 lamp	60 W	E 27	A++-E	110 730	70 894
77 747	1 lamp	100 W	E 27	A++-E	140 900	70 895



LED garden and pathway luminaires with unshielded light

These unshielded luminaires create a pleasant light effect without glare along paths, on terraces and in flowerbeds.

The glass unit made of high-quality three-ply opal glass is optionally available as a cylinder or as a sphere. The luminaires develop a soft, warm white light in their surroundings. They create structure and accentuate the garden architecture.

You can order the luminaires optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on foundations or a paved surface.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

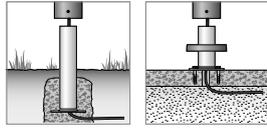
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

Portable luminaires to match these garden and pathway luminaires can be found on Page 102.





Unshielded light



Anchorage unit Screw-on base

A technical description of these installation types can be found on Page 232.



LED garden and pathway luminaires

Lighting technology: Luminaires with unshielded light
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**
 Recommended light point interval 6 m

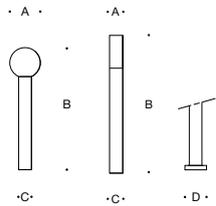
Installation: 1 line connector 3 x 2.5[□]

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Hand-blown opal glass with thread
 Anchorage unit or screw-on base made of hot-dip galvanised steel

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.

Colour: Graphite or silver
 Graphite – Article number
 Silver – Article number + **A**



Garden luminaires - **Sphere**

		LED	EEC	A	B	C	D
77 223	With anchorage unit	6.0 W	435 lm	A ⁺⁺	150	800	70 —
77 224	With screw-on base	6.0 W	435 lm	A ⁺⁺	150	800	70 110

Garden luminaires - **Cylinder**

		LED	EEC	A	B	C	D
77 235	With anchorage unit	5.6 W	450 lm	A ⁺⁺	70	900	70 —
77 236	With screw-on base	5.6 W	450 lm	A ⁺⁺	70	900	70 110





LED in-ground luminaires resistant to foot traffic with symmetrical or asymmetrical light distribution

In-ground luminaires resistant to foot traffic, optionally available with symmetrical or asymmetrical light distribution.

The luminaire housing made of glass fibre reinforced synthetic material with cover frame made of stainless steel can be installed easily in the earth without any foundation.

These luminaires highlight and accentuate façades, wall surfaces and objects in gardens with 3000 K warm white light.

These luminaires allow you to experience the beauty of the garden and its architectural details, even when it is dark.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED in-ground luminaires resistant to foot traffic

Lighting technology: Luminaires with symmetrical or asymmetrical light, directed upwards
Colour temperature 3000 K, corresponds to warm white
Article number + **K3**

Protection class: IP 67

Material: Cover frame made of stainless steel and safety glass
lie flat in a single plane
Housing made of glass fibre reinforced synthetic material
Reflector made of pure anodised aluminium

Installation: 1.8m connecting cable 3 x 1.5[□] with water stop

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
For technical data, see Page 232.



B



C



In-ground luminaires · **symmetrical**

	LED		EEC	A	B	C
84 111	5.7 W	340 lm	A ⁺⁺	80	160	60
84 112	8.0 W	580 lm	A ⁺⁺	115	240	75



In-ground luminaires · **asymmetrical**

	LED		EEC	A	B	C
77 111	5.7 W	325 lm	A ⁺⁺	80	160	60
77 112	8.0 W	420 lm	A ⁺⁺	115	240	75





LED in-ground luminaires resistant to foot traffic with symmetrical or asymmetrical light distribution

In-ground luminaires resistant to foot traffic, optionally available with symmetrical or asymmetrical light distribution. The luminaire housing made of glass fibre reinforced synthetic material with trim ring made of stainless steel can be installed easily in the earth without any foundation.

These luminaires highlight and accentuate small trees, shrubs and objects in gardens with 3000K warm white light. The luminaires allow you to experience the beauty of the garden, even when it is dark.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED in-ground luminaires resistant to foot traffic

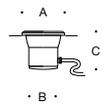
Lighting technology: Luminaires with symmetrical or asymmetrical light, directed upwards
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 67

Material: Trim ring made of stainless steel and safety glass
 lie flat in a single plane
 Housing made of glass fibre reinforced synthetic material
 Reflector made of pure anodised aluminium

Installation: 1.8 m connecting cable 3 x 1.5² with water stop

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
 For technical data, see Page 232.



In-ground luminaires · **symmetrical**

	LED	EEC	A	B	C
77 010	4.4 W 320 lm	A ⁺⁺	110	70	120
77 011	6.6 W 615 lm	A ⁺⁺	155	95	170



In-ground luminaires · **asymmetrical**

	LED	EEC	A	B	C
77 008	4.4 W 320 lm	A ⁺⁺	110	70	120
77 009	6.6 W 680 lm	A ⁺⁺	155	95	170





Symmetrical



Asymmetrical

Portable LED on-ground floodlights with symmetrical or asymmetrical light distribution

The garden thrives on seasonal change, varying growth and different types of use. Portable BEGA on-ground floodlights provide an effective lighting atmosphere and can easily be moved to a different location if necessary – this allows a multitude of different light effects to be achieved.

The luminaires on this page can be placed on lawn areas, on soil and also on paths and terraces.

They are ready for connecting with a 5m cable and mains plug. The cable length that is not required is rolled up simply and safely in the base of the luminaire.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



A practical cable winder makes it possible to wind up the unused connecting cable in the base of the luminaire housing.



Portable LED on-ground floodlights

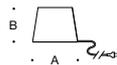
Lighting technology: Luminaires with symmetrical or asymmetrical light, directed upwards
 Ready for connection with 5 m cable and mains plug
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 67

Material: Cast aluminium, aluminium, stainless steel
 Safety glass flush-mounted
 Reflector made of pure anodised aluminium

Accessories: Connecting pillars with 2 or 3 safety sockets
 For technical data, see Page 115.

Colour: Graphite



On-ground floodlights · symmetrical

	LED		EEC	A	B
77 625	9.4 W	855 lm	A++	175	140
77 632	19.0 W	2030 lm	A++	205	150



On-ground floodlight · asymmetrical

	LED		EEC	A	B
84 136	19.4 W	1975 lm	A++	205	200





Portable LED floodlights consisting of 3 luminaires with earth spike

Three LED garden floodlights as a single unit ready for connection.

The floodlights are interconnected and need just one power connection. Each comes with an earth spike for easy positioning in the soil where they can jointly illuminate plants, small trees and objects in private gardens. Floodlight housing made of glass fibre reinforced synthetic material, adjustable without tools.

A stunning and cost-effective trio that can be quickly used to perform numerous lighting applications with perfect results. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Symmetrical light distribution

Portable LED garden floodlights

Lighting technology: 3 LED garden floodlights with symmetrical light distribution
 With 5 m cable between the mains plug and the distribution box
 Cable length between distribution box and each floodlight 3 m
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

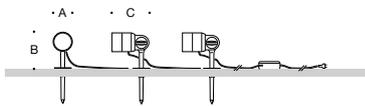
Protection class: IP 65

Material: Housing and earth spike made of glass fibre reinforced synthetic material
 Safety glass · Reflector surface made of pure aluminium

Installation: Floodlights with earth spike ready for connection with 5 m cable and mains plug

Accessories: Connecting pillars with 2 or 3 safety sockets
 For technical data, see Page 115.

Colour: Graphite



	LED		PSU	EEC	A	B	C
84 393	3 floodlights with earth spike	3 x 4.0 W	955 lm	On/off	A++	55	110 100





A practical cable winder makes it possible to wind up the connecting cable in the ring base.

LED floodlights permanent or portable

Compact floodlights with symmetrically wide beam light distribution. Adjustment without tools allows objects, plants or façades of different heights to be illuminated. The luminaire housing made of glass fibre reinforced synthetic material is fitted with a cover made of safety glass. You can choose from three versions to suit the lighting application and location. With a mounting box for permanent installation on the wall or ceiling, but also on foundations provided by the customer.

With an earth spike or ring base for alternating purposes, depending on the circumstances. The luminaires can be used in varying locations and come with a connecting cable and mains plug.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Wide beam light distribution



Mounting box



Earth spike



Ring base

LED floodlights

optionally with mounting box, earth spike or ring base

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

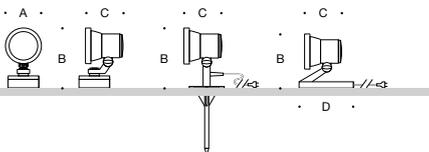
Protection class: IP 65

Material: Housing made of glass fibre reinforced synthetic material
 Safety glass · Reflector surface made of pure aluminium

Installation: Floodlights with mounting box, earth spike or ring base
 with 5 m cable and mains plug

Accessories: Connecting pillars with 2 or 3 safety sockets
 For technical data, see Page 115.

Colour: Graphite



		LED	EEC	A	B	C	D
84 366	With mounting box	6.5 W 440 lm	A++	105	190	110	—
84 367	With earth spike	6.5 W 440 lm	A++	105	180	110	—
84 368	With ring base	6.5 W 440 lm	A++	105	175	110	175



LED surface floodlights · permanent or portable

LED surface floodlights with large-area, wide beam light distribution for the illumination of objects, walls and plants, and wherever large-area, wide beam light is needed.

The luminaire housing made of glass fibre reinforced synthetic material is fitted with a cover made of safety glass.

You can choose from two versions to suit the lighting application and location. With a mounting box for permanent installation on the wall or ceiling, but also on foundations provided by the customer.

The floodlight with earth spike is a good choice when applications change. The luminaires can be used in varying locations and come with a connecting cable and mains plug.

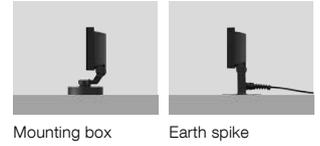
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Wide beam light distribution



Mounting box

Earth spike

LED surface floodlights

optionally with mounting box or earth spike

Lighting technology: Luminaires with large-area, wide beam light distribution
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

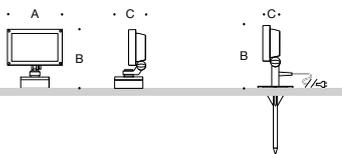
Protection class: IP 65

Material: Housing made of glass fibre reinforced synthetic material
 Safety glass · Reflector made of pure anodised aluminium

Installation: Floodlights with mounting box or earth spike
 with 5 m cable and mains plug

Accessories: Connecting pillars with 2 or 3 safety sockets
 For technical data, see Page 115.

Colour: Graphite



		LED	PSU	EEC	A	B	C
84 360	With mounting box	12 W	905 lm	AC module	A ⁺⁺	165	190
84 361	With earth spike	12 W	905 lm	AC module	A ⁺⁺	165	185





Portable LED luminaires with unshielded light

A group of portable LED luminaires for the private garden. On paths, terraces and flowerbeds, these unshielded luminaires create a pleasant light effect. The glass unit made of high-quality three-ply opal glass is optionally available in three luminaire versions: The sphere or the cylinders available in two variants act as unshielded light distributors. Flexible and portable design elements for domestic gardens. A 5 m connecting cable with mains plug is included in the scope of delivery. You can find permanent luminaires with the same form language on Page 88.

Efficient and cost-effective LED provide high luminous efficiency, an extremely long service life and good uniformity of illuminance.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Portable luminaires are secured with an earth spike in the ground.



Portable LED garden luminaires with earth spike

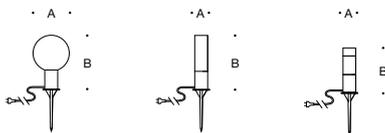
Lighting technology: Luminaires with unshielded light ready for connection with 5 m cable and mains plug
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Protection class: IP 65

Material: Housing and earth spike made of glass fibre reinforced synthetic material
Opal glass with thread

Accessories: Connecting pillars with 2 or 3 safety sockets
For technical data, see Page 115.

Colour: Graphite



Garden luminaire · Sphere				
	LED	EEC	A	B
55 030	3.3 W	245 lm	A ⁺⁺	150 260



Garden luminaire · Cylinder				
	LED	EEC	A	B
55 010	3.3 W	235 lm	A ⁺⁺	70 340



Garden luminaire · Cylinder				
	LED	EEC	A	B
55 005	3.3 W	135 lm	A ⁺⁺	65 270





BEGA Plug & Play

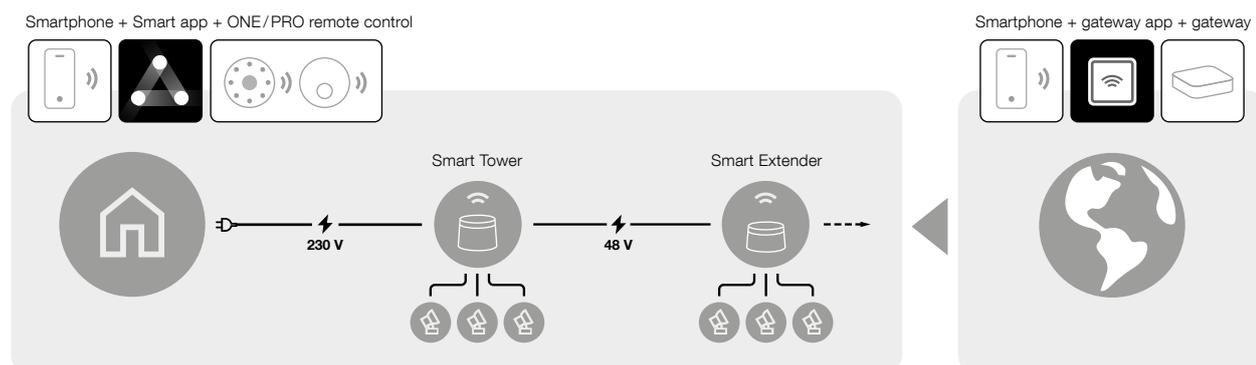
The smart LED light system for illuminating your garden

BEGA Plug & Play is the smart LED light system for illuminating your garden. Simply position the portable luminaires in your garden, configure them with the comfortable BEGA Smart app and then switch and dim them individually by remote control. The Smart Tower is the basis of BEGA Plug & Play. It is the intelligent control centre of the system and at the same time provides the necessary operating voltage of 48 V. Up to four luminaires can be connected to the Smart Tower using safe plug connectors. Smart Extenders enhance the system with connection options for more luminaires. The flexible cables can simply be laid above ground between the plants – there is no need for any elaborate and expensive installation of underground cables. Changes and extensions are thus possible very quickly and at any time.

The system can be operated using comfortable BEGA remote controls, which are available in two versions. These can be used to switch and dim the connected luminaires and to call up customised lighting scenarios.

BEGA Zigbee LED lamps can also be integrated in a Plug & Play system. In this way, conventional luminaires with E 14 or E 27 bases can also be controlled individually – indoors as well as outdoors. For more information about BEGA LED lamps, see Page 231.

The BEGA 70 588 gateway and the relevant app can be used to access the system configuration and control via the Internet.





Configuration by app

The free BEGA Smart app is available to help you configure your system. The app allows you to create luminaire groups and lighting scenarios intuitively and with little effort. The system can also be configured to switch automatically, depending on the time of day.

The app can also be used to control the Plug & Play system in the immediate vicinity of the garden. For comfortable control, including control from greater distances, we recommend the ONE or PRO remote controls.



Operation by remote control

The ONE and PRO remote controls are available for the user-friendly operation of your BEGA Plug & Play system. Both can be programmed using the BEGA Smart app.

ONE has ten user-programmable pushbuttons. These can be assigned individual luminaires, groups of luminaires, scenarios or light colours. PRO offers menu control by display and touch ring. Two user-programmable favourites buttons also allow fast access to your preferred scenarios. The impressive appearance of the PRO will convince you with its housing made of anodised matt black cast aluminium and a front panel made of unbreakable, scratch-proof Gorilla® glass.



PRO

ONE



Planning a BEGA Plug & Play system

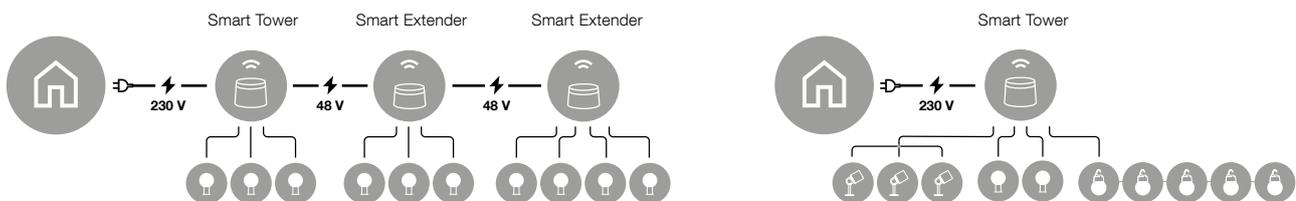
The Smart Tower is the basis of BEGA Plug & Play. It is the intelligent control centre of the system and at the same time provides the necessary operating voltage of 48 V. Optionally we can supply the Smart Tower with 5 m connecting cable and a mains plug for operating on a 230V socket or without a mains plug with free cable ends.

In this case, we recommend the use of a BEGA distribution box for the electrical connection.

Luminaires as well as one or more Smart Extenders can be connected to the four plug contacts of the Smart Tower.

Smart Extenders also have four plug contacts, thus extending the system with additional connection options.

The maximum connected wattage of all luminaires connected to a Smart Tower is 50 watts. If additional luminaires are to be connected, the system can be extended any time with an additional Smart Tower.



BEGA Plug & Play Smart Tower and Smart Extender

Protection class IP 65 · Housing made of glass fibre reinforced synthetic material
Zigbee 3.0 and Bluetooth

Smart Tower: 230 V AC / 48 V DC · Connected wattage max. 50 watts

Smart Tower and Smart Extender: 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 the BEGA distribution boxes 70 730 or 71 053 for installation in soil.
For technical data, see Page 232.

Colour graphite



		A	B
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





BEGA remote controls ONE and PRO

Zigbee 3.0 · Radio range in the field 30m
 Including magnetic wall mounting bracket
 Configuration using BEGA Smart app

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

PRO remote control

Electronic paper display and touch ring for navigating in the menu, as well as two user-programmable Favourites buttons. Anodised matt black housing made of cast aluminium. Front panel made of unbreakable, scratch-proof Gorilla® glass.



		Ø
10 526	ONE remote control	75
13 569	PRO remote control	80

Accessories

BEGA Gateway

The BEGA Gateway integrates your Plug & Play system into the local network. Using the free BEGA Gateway app, you can control and configure the connected luminaires and other Zigbee components. The gateway allows you to access the BEGA Plug & Play system over the Internet from anywhere in the world.



Extension cables

Extension cables with 48V socket and plug, optionally 5 m or 10 m
 Protection class IP 67 · Colour graphite



70 588	Gateway
---------------	---------

10 596	Extension cable 5 m
10 597	Extension cable 10 m



BEGA Plug & Play
Portable LED garden luminaires 48 V DC
 for unshielded light

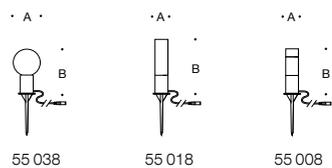
Lighting technology: Luminaires with unshielded light
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Housing and earth spike made of glass fibre reinforced synthetic material
 Opal glass with thread
 With 5 m cable and 48 V plug

Accessories: BEGA Plug & Play Smart Tower and Smart Extender
 For technical data, see Page 106.

Colour: Graphite



	LED	EEC	A	B
55 038	2.4 W 240 lm	A++	150	260
55 018	2.4 W 235 lm	A++	70	340
55 008	2.4 W 185 lm	A++	65	270





24 364



24 367 · 24 368



24 378



BEGA Plug & Play

Portable LED garden floodlights 48V DC

For directed light

Lighting technology: Floodlights with directed light

Colour temperature 3000K, corresponds to warm white

Article number + **K3**

Protection class: IP 65

Material: Housing, earth spike and ring base made of glass fibre reinforced synthetic material
Safety glass · Reflector made of pure anodised aluminium
With 5 m cable and 48 V plug

Accessories: BEGA Plug & Play Smart Tower and Smart Extender
For technical data, see Page 106.

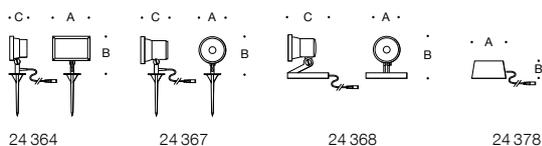
Colour: Graphite



Floodlights with ring base



Cable winder in the ring base



	LED		EEC	A	B	C
24 364	10.0 W	845 lm	A++	165	185	50
24 367	4.0 W	340 lm	A++	105	175	110
24 368	4.0 W	340 lm	A++	105	175	175
24 378	7.8 W	690 lm	A++	185	75	—





BEGA Plug & Play

Portable LED spherical luminaires 48V DC

Consisting of 3 or 5 luminaires, optionally with earth spike or hook

Lighting technology: 3 or 5 LED spherical luminaires with unshielded light
 With 5 m cable between the 48V plug and the first luminaire
 Cable length between the luminaires 2 m
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

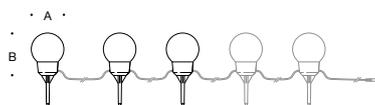
Material: Housing, earth spike and hook made of glass fibre reinforced synthetic material · White synthetic sphere

Accessories: BEGA Plug & Play Smart Tower and Smart Extender
 For technical data, see Page 106.

Colour: Graphite



LED spherical luminaires with hook



		LED		EEC	A	B
24 376	3 lum. with earth spike	3x 4.0 W	1170 lm	A++	120	160
24 379	5 lum. with earth spike	5x 4.0 W	1950 lm	A++	120	160
24 377	3 lum. with hook	3x 4.0 W	1170 lm	A++	120	200
24 380	5 lum. with hook	5x 4.0 W	1950 lm	A++	120	200





BEGA Plug & Play

Portable LED garden floodlights 48 V DC

consisting of 3 luminaires with earth spike

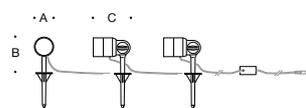
Lighting technology: 3 LED garden floodlights with symmetrical light distribution
 With 5 m cable between the 48 V plug and the distribution box
 Cable length between distribution box and each floodlight 3 m
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Housing and earth spike made of glass fibre reinforced synthetic material
 Safety glass · Reflector surface made of pure aluminium

Accessories: BEGA Plug & Play Smart Tower and Smart Extender
 For technical data, see Page 106.

Colour: Graphite



	LED		EEC	A	B	C
24 366	3 floodlights with earth spike	3 x 4.0 W	840 lm	A++	55	110 100



Portable LED luminaire for adjustable directed light

This versatile luminaire is characterised especially by the option of adjusting the luminaire head.

It can be turned by $\pm 30^\circ$, and the height is also infinitely adjustable. A luminaire for many small lighting applications in the garden and terrace area. Shielded light with wide beam light distribution on the illuminated surface. A mobile 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. A 5m connecting cable with mains plug is included in the scope of delivery.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Portable luminaires are secured with an earth spike in the ground.



LED garden luminaire with earth spike · portable

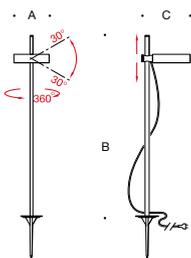
Lighting technology: Luminaire with shielded, directed light · adjustable
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

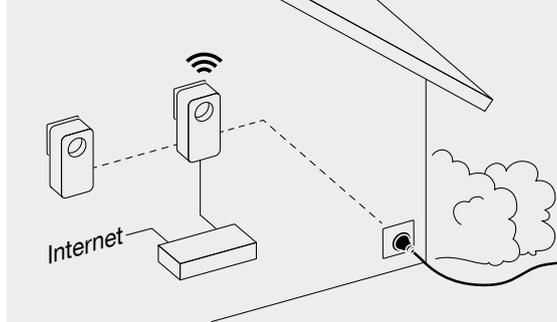
Material: Cast aluminium, glass fibre reinforced synthetic material and stainless steel
 Vertical tube made of anodised aluminium
 Light deflection through synthetic cover with optical texture

Accessories: Connecting pillars with 2 or 3 safety sockets
 For technical data, see Page 115.

Colour: Graphite



	LED	EEC	A	B	C
55 045	9.0 W 455 lm	A ⁺⁺	160	1000	225



BEGA Outdoor WiFi Powerline Adapter IP 65

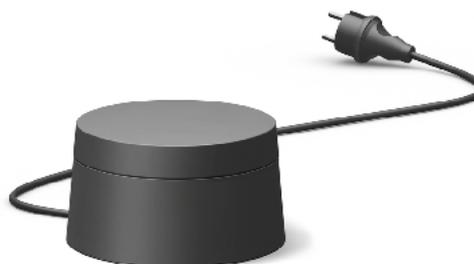
The BEGA Outdoor WiFi Powerline Adapter will take your devolo dLAN® network out into the garden. devolo dLAN® uses your domestic power supply to transfer data, and allows every plug socket to be used to access the network.

With the BEGA Outdoor WiFi Powerline Adapter you can extend your dLAN® installation to add a secure WLAN connection in your garden, running at a speed of up to 300 Mbit/s.

Compatible with all devolo dLAN® Powerline adapters from the 200/500/550/650/1200 Mbit/s product series and third-party adapters of the same standard.

Other technical data can be found in the product data sheet on our website.

Installation:	Ready for connection with 5 m cable and mains plug
Protection class:	IP 65
Material:	Housing made of glass fibre reinforced synthetic material
Colour:	Graphite



		Ø	H
13550	BEGA Outdoor WiFi Powerline Adapter	120	85



Connecting pillar with safety sockets

BEGA connecting pillars with 2 or 3 safety sockets for private gardens. We can supply the connecting pillars optionally with an anchorage unit to set it in concrete in the soil, or with a screw-on base for installation on a foundation or a paved surface, or with an earth spike for portable use. For the installation and operation of this connecting pillar, national safety regulations must be complied with. Earth fault circuit breakers and fuses must be connected on line side in the sub-main distribution circuit. Other technical data can be found on our website in the product data sheet issued for the connecting pillars.

Connecting pillars
with 2 or 3 safety sockets,

optionally **permanent**

- With **anchorage unit** made of hot-dip galvanised steel
- With **screw-on base** made of hot-dip galvanised steel for mounting on foundations

or **portable**

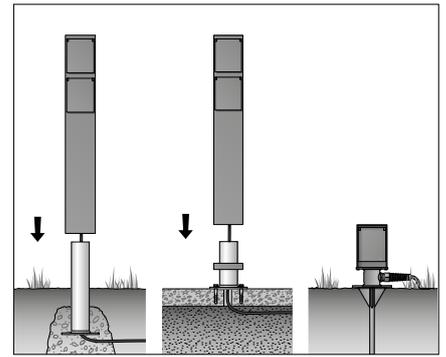
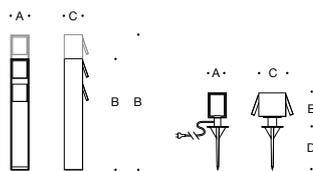
- With **earth spike**

Protection class: IP 44

Material: Cast aluminium, aluminium, stainless steel
Device holder and cover made of glass fibre reinforced synthetic material
10 713 · 13 543 housing and earth spike made of synthetic material ready for connection with 5 m cable and mains plug

Accessories: Distribution boxes 70 730 or 71 053 for installation in soil
For technical data, see Page 232.

Colour: Graphite



Anchorage unit Screw-on base Earth spike

A technical description of these installation types can be found on Page 232.

Connecting pillar with 2 safety sockets (D)		A	B	C	D
70 704	With anchorage unit	75	500	75	—
70 706	With screw-on base	75	500	75	—
10 713	With earth spike	75	160	125	190

Connecting pillar with 3 safety sockets (D)		A	B	C
70 705	With anchorage unit	75	600	75
70 709	With screw-on base	75	600	75

Connecting pillar with 2 safety sockets (B) (F)		A	B	C	D
71 067	With anchorage unit	75	500	75	—
71 068	With screw-on base	75	500	75	—
13 543	With earth spike	75	160	125	190

Connecting pillar with 3 safety sockets (B) (F)		A	B	C
71 069	With anchorage unit	75	600	75
71 070	With screw-on base	75	600	75





Wall luminaires with LED or for lamps with screw base E 27

Lanterns have been used for hundreds of years to protect light sources from wind and rain. The modern lanterns in this series are reminiscent of the tradition of handcrafted luminaires. There are various sizes and versions with a metal housing and single panes of crystal glass. These luminaires are optionally available with LED or for lamps with screw base E 27. You will find suitable BEGA LED lamps on Page 231. The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.





31 012
31 015



31 013
31 037

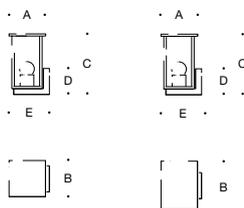
Wall luminaires

Lighting technology: Luminaires with light shielded upwards with LED or for lamps with screw base E 27
Luminaires with LED · Integral power supply unit
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Protection class: IP 44

Material: Cast aluminium, aluminium and stainless steel
Crystal glass panes

Colour: Graphite



The LED luminaires on this double page are available with an inside globe made of opal glass. The light from the LED is pleasantly and uniformly distributed by the opal glass.

Wall luminaires for near-wall installation · square

	LED		EEC	A	B	C	D	E	
31 012	6.0 W	245 lm	A ⁺⁺	160	160	290	110	175	
	Lamp		Base	EEC	A	B	C	D	E
31 015	1 lamp	75 W	E 27	A ⁺⁺ -E	160	160	290	110	175

Wall luminaires for near-wall installation · rectangular

	LED		EEC	A	B	C	D	E	
31 013	6.0 W	235 lm	A ⁺⁺	160	210	285	110	175	
	Lamp		Base	EEC	A	B	C	D	E
31 037	1 lamp	75 W	E 27	A ⁺⁺ -E	160	210	285	110	175



Wall luminaires for lamps with screw base E 27

Lanterns provide atmospheric and romantic lighting modelled on old masters. Reminiscent of handcrafted lighting elements. Luminaires with light openings covered with single panes of antique glass and a safety guard. The wall luminaires are available in three versions: with low overhang for near-wall installation, with wall arm, or hanging with outrigger arm. You will find suitable BEGA LED lamps with screw base E 27 on Page 231. Other technical data can be found on our website in the product data sheet issued for the luminaire.



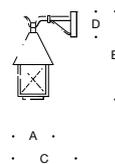
Wall luminaires

Lighting technology: Luminaires with light shielded upwards

Protection class: IP 44 · 31371 Protection class IP 23

Material: Cast aluminium, aluminium and stainless steel
Antique glass panes

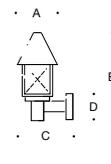
Colour: Graphite



31371



31370



31372

	Lamp		Base	EEC	A	B	C	D
31371	1 lamp	75 W	E 27	A++-E	175	375	285	110
31370	1 lamp	75 W	E 27	A++-E	175	300	185	110
31372	1 lamp	75 W	E 27	A++-E	175	385	240	110



Wall luminaires for lamps with screw base E 14 · E 27

Luminaires for shielded and directed light.

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 at the back highlights the contours of the luminaire. The wall luminaires can be installed with the light emission either to the top or bottom.

Arranged as single luminaires around buildings or as groups: They are stylish elements for illuminating houses, gardens and wherever else atmospheric lighting is required.

You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 231.

Other technical data can be found on our website in the product data sheet issued for the luminaire.



Wall luminaires

Lighting technology: Luminaires with shielded, directed light

Protection class: IP 64

Material: Cast aluminium, aluminium and stainless steel
Hand-blown crystal bubble glass with thread

Colour: Graphite



	Lamp		Base	EEC	A	B	C
31 196	1 lamp	40 W	E 14	A++-E	135	185	120
31 197	1 lamp	60 W	E 27	A++-E	155	220	145



Wall luminaires with LED or for lamps with screw base E 14 · E 27

The shape of the lantern is unmatched in its diversity. Originally intended to illuminate houses and courtyards, the shape was clearly determined by function. These luminaires continue the tradition. They have a predefined light direction, and are particularly suitable for illuminating areas in front of the mounting surface. Luminaires designed for houses and courtyards, alongside and over doors, and for a host of other lighting applications.

These luminaires are optionally available with LED or for lamps with screw base E 14 and E 27.

You will find suitable BEGA LED lamps on Page 231.

The LED luminaires on this page will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.

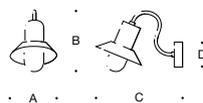


Wall luminaires

Lighting technology: Luminaires with light shielded upwards
with LED or for lamps with screw base E 14 · E 27
Luminaires with LED · Integral power supply unit
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Protection class: IP 44

Material: 31 014 · 31 016 · 31 110 · 31 118
Cast aluminium, aluminium and stainless steel
Colour: Graphite
31 004 · 31 007 Copper · Stainless steel mounting plate
Hand-blown opal glass with thread



Wall luminaires · Aluminium · Colour graphite

	LED		EEC	A	B	C	D
31 014	6.0 W	300 lm	A++	180	215	260	80
31 016	8.0 W	430 lm	A++	260	260	340	110
	Lamp	Base	EEC	A	B	C	D
31 110	1 lamp	40 W E 14	A++-E	180	215	260	80
31 118	1 lamp	60 W E 27	A++-E	260	260	340	110

Wall luminaires · Copper

	LED		EEC	A	B	C	D
31 004	6.0 W	295 lm	A++	180	245	320	90
	Lamp	Base	EEC	A	B	C	D
31 007	1 lamp	40 W E 14	A++-E	180	245	320	90



Wall luminaires with LED or for lamps with screw base E 14 · E 27

The shape of the lantern is unmatched in its diversity. Originally intended to illuminate houses and courtyards, the shape was clearly determined by function. These wall luminaires direct their light primarily downwards.

They are ideal for illuminating areas directly below the mounting surface.

Copper with its vivid surface accentuates the special character of these luminaires.

Luminaires designed for houses and courtyards, alongside and over doors, and for a host of other lighting applications.

These luminaires are optionally available with LED or for lamps with screw base E 14 and E 27.

You will find suitable BEGA LED lamps with screw base E 27 on Page 231.

The LED luminaires on this page will impress you through a minimum LED service life of 50000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life.



Wall luminaires

Lighting technology: Luminaires with light shielded upwards for lamps with screw base E 27

Protection class: IP 44

Material: Copper, brass and die cast brass
Hand-blown opal glass with thread

The luminaires are fixed to the mounting surface by a stainless steel mounting plate.



	Lamp	Base	EEC	A	B	C	D
31 472	1 lamp	60 W	E 27	A++-E	210	185	245 110
31 473	1 lamp	75 W	E 27	A++-E	250	225	285 110

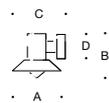
Wall luminaires

Lighting technology: Luminaires with light shielded upwards with LED or for lamps with screw base E 14
Luminaires with LED · Integral power supply unit
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Protection class: IP 44

Material: Copper and brass
Hand-blown opal glass with thread

The luminaires are fixed to the mounting surface by a stainless steel mounting plate.



	LED	EEC	A	B	C	D	
31 058	6.0 W 275 lm	A++	180	165	200	90	
	Lamp	Base	EEC	A	B	C	D
31 262	1 lamp	40 W	E 14	A++-E	180	165	200 90



Wall luminaires
for lamps with screw base E 27
Shielded on one side

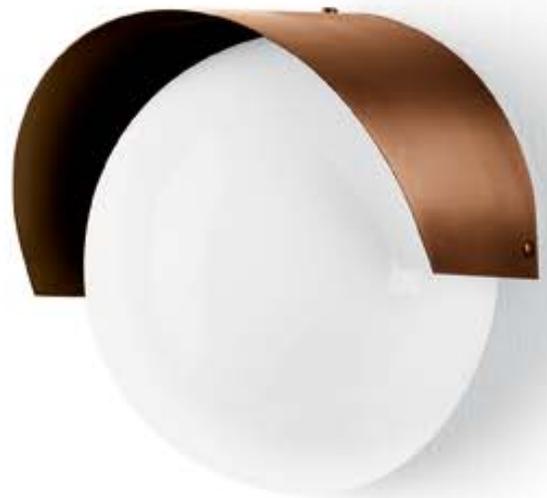
Luminaires shielded upwards, made of copper with hand-blown, three-ply opal glass.

These robust and reliable lighting tools retain their aesthetic quality over a long period of time. With a classic shape of discreet elegance. They are suitable for a host of lighting applications. Both indoors and outdoors.

You will find suitable BEGA LED lamps with screw base E 27 on Page 231.

Other technical data can be found on our website in the product data sheet issued for the luminaire.



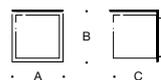


Wall luminaires

Lighting technology: Luminaires with light shielded on one side for lamps with screw base E 27

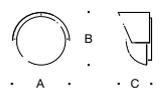
Protection class: IP 44

Material: 31 311 · 31 312 Fitting made of cast aluminium, colour graphite 31 470 Fitting made of copper
Shield made of copper
Hand-blown opal glass



Wall luminaires · Fig. on Page 126

	Lamp	Base	EEC	A	B	C
31 311	1 lamp	75 W	E 27	A++-E	200	200 210
31 312	1 lamp	100 W	E 27	A++-E	250	250 265



Wall luminaire · Fig. on Page 127

	Lamp	Base	EEC	A	B	C
31 470	1 lamp	75 W	E 27	A++-E	245	235 140



Wall luminaires Light emission on two sides

Wall luminaires in three sizes designed for halogen lamps. Shielded to the front, made of copper and hand-blown, three-ply opal glass. The light from the lamps exits in two directions. The wall acts as a reflection surface for the soft diffuse light radiating upwards and downwards. These luminaires are impressive for their extremely pleasant atmospheric lighting and high level of visual comfort. As single luminaires or arranged in groups, they can solve many design and lighting applications. Both indoors and outdoors. Other technical data can be found on our website in the product data sheet issued for the luminaire.

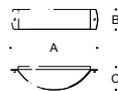


Wall luminaires

Lighting technology: Luminaires with light emission on two sides

Protection class: IP 54

Material: Copper and brass
Hand-blown opal glass
Wall mounting made of stainless steel



	Lamp		Base	EEC	A	B	C
31 451	1 QT 32	70 W	E 27	A++-E	260	90	115
31 453	1 QT 32	70 W	E 27	A++-E	300	100	130
31 455	2 QT 32	60 W	E 27	A++-E	400	100	115



Wall luminaires
for lamps with screw base E 14 · E 27
Light emission on two sides

Three sizes, shielded to the front, made of copper and brilliant, 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.

You will find suitable BEGA LED lamps with screw base E 14 and E 27 on Page 231.

Other technical data can be found on our website in the product data sheet issued for the luminaire.



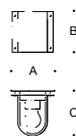


Wall luminaires

Lighting technology: Luminaires with light emission on two sides
for lamps with screw base E 14 · E 27

Protection class: IP 64

Material: Copper and brass
Hand-blown crystal bubble glass with thread
Wall mounting made of stainless steel



	Lamp	Base		EEC	A	B	C
31 206	1 lamp	40 W	E 14	A++-E	120	120	170
31 207	1 lamp	60 W	E 27	A++-E	160	160	200



BEGA indoor luminaires

For more than 70 years now, BEGA has been developing and producing high-quality outdoor luminaires for almost all areas of architecture. For 40 years we have been developing and producing indoor luminaires. Throughout this time our development and design work has been driven by our fascination for glass with its countless facets. Being able to fall back on our own glass production when new ideas

for luminaires are being implemented has always been a major advantage for us.

For example, we can design our luminaire glass according to our own quality standards and lighting requirements in our glassworks in Limburg.

We work daily on the further development of our collection in order to continue creating luminaires of the highest



quality for all areas of interior design. In times of declining product quality and growing mass production, high-grade workmanship and distinctive design have become an expression of good taste. As structural details, our luminaires are closely bound to interior design. They are designed to do more than simply perform lighting applications.

This requirement is also met by the following selection of our indoor luminaires in "Light for the house and the garden." It provides a diversity of design options for coordinating indoor lighting with outdoor illumination and for experiencing light in previously unknown facets.



ACCENTA
LED recessed wall luminaires
Recessed opening 68 mm

A series of small and compact recessed wall luminaires with high-grade LED technology. These luminaires are quick and easy to install in standard switch or cavity wall boxes of 68 mm diameter. They are luminaires with unshielded light for directing and guiding illumination or luminaires with shielded light for the illumination of ground surfaces, e.g. for marking stairs and danger points. Each luminaire comes with a matching cavity wall box. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Unshielded light



Shielded light



ACCENTA recessed wall luminaires for installation in switch or cavity wall boxes of 68 mm diameter.

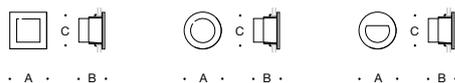
LED recessed wall luminaires · **ACCENTA**

Recessed opening 68 mm

Lighting technology: Luminaires with unshielded or shielded light
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of metal
 Safety glass, inside white
 50 156 · Reflector surface made of pure aluminium
 Crystal glass, frosted on the inside

Finish: White enamel or stainless steel



White enamel finish
 Code number .1



S/steel · Code number .2

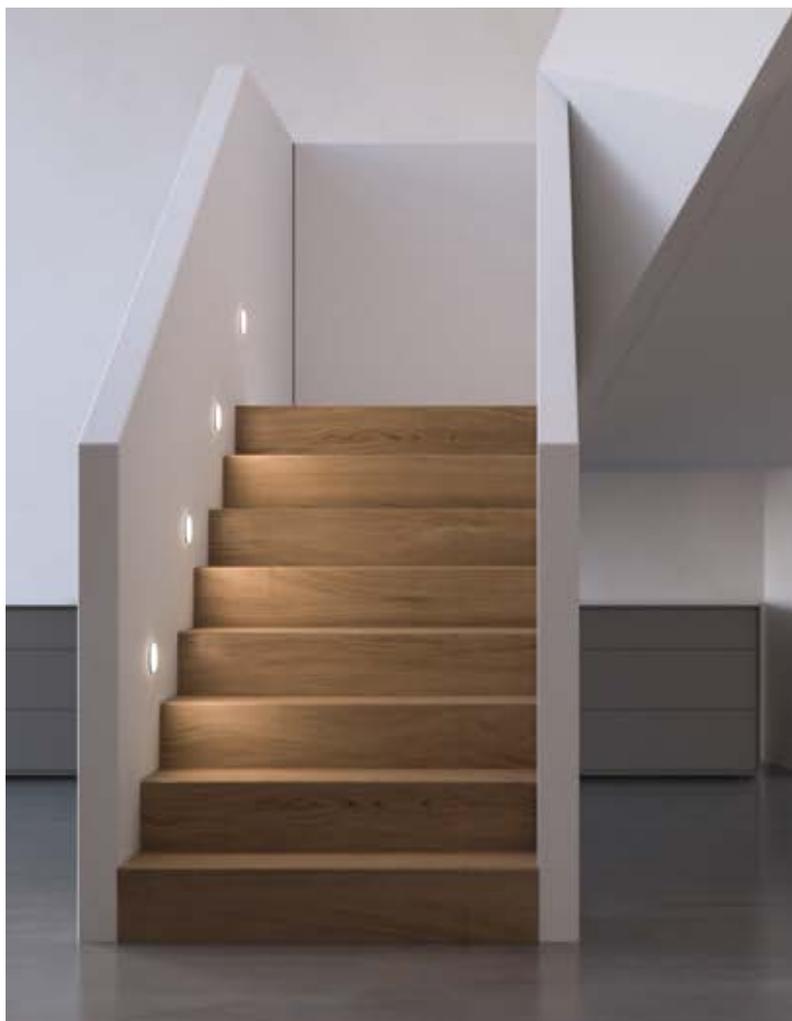


LED recessed wall luminaires · **White enamel finish**

		LED	PSU	EEC	A	B	C
50 119.1	Square · unshielded	2.1 W 45 lm	On/off	A++	75	65	68
50 117.1	Round · unshielded	2.1 W 40 lm	On/off	A++	75	65	68
50 156.1	Round · shielded	2.1 W 110 lm	On/off	A++	75	65	68

LED recessed wall luminaires · **stainless steel**

		LED	PSU	EEC	A	B	C
50 119.2	Square · unshielded	2.1 W 45 lm	On/off	A++	75	65	68
50 117.2	Round · unshielded	2.1 W 40 lm	On/off	A++	75	65	68
50 156.2	Round · shielded	2.1 W 110 lm	On/off	A++	75	65	68



ACCENTA
LED recessed wall luminaires
Recessed opening 68 mm

A series of small and compact recessed wall luminaires with high-grade LED technology. These luminaires are quick and easy to install in standard switch or cavity wall boxes of 68 mm diameter. They are luminaires with unshielded light for directing, guiding or orientating illumination. Each luminaire comes with a matching cavity wall box. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Unshielded light



ACCENTA recessed wall luminaires for installation in switch or cavity wall boxes of 68 mm diameter.

LED recessed wall luminaires · **ACCENTA**

Recessed opening 68 mm

Lighting technology: Luminaires with unshielded light

Colour temperature 3000K, corresponds to warm white

Article number + **K3**

Material: Luminaire housing made of metal
Safety glass, inside white

Finish: White enamel or stainless steel



White enamel finish
Code number .1



S/steel · Code number .2



LED recessed wall luminaires · **White enamel finish**

		LED	PSU	EEC	A	B	C
50 158.1	Round	2.1 W 50 lm	On/off	A ⁺⁺	75	65	68
50 141.1	Square	2.1 W 50 lm	On/off	A ⁺⁺	75	65	68

LED recessed wall luminaires · **Stainless steel**

		LED	PSU	EEC	A	B	C
50 158.2	Round	2.1 W 50 lm	On/off	A ⁺⁺	75	65	68
50 141.2	Square	2.1 W 50 lm	On/off	A ⁺⁺	75	65	68





LED recessed ceiling downlights for external power supply units

These LED recessed ceiling downlights are suitable for all areas in which the illumination of ground surfaces from the ceiling is desired. The trim frames are available in various finishes (white enamel, stainless steel or polished aluminium) to match your interior decoration.

These luminaires are available with various LED outputs, half beam angles and dimensions. Optionally with symmetrical wide beam or asymmetrical wide beam light distribution.

The external power supply unit required for your system can be connected to the luminaire by means of simple plug connectors. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data and explanations, see Page 233.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

Symmetrical



Asymmetrical





LED recessed ceiling downlights for external power supply units

Lighting technology: Luminaires with symmetrical wide beam or asymmetrical wide beam light distribution
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of aluminium
 Safety glass
 Reflector surface made of pure aluminium

Finish: White enamel, stainless steel or polished aluminium

The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector.
 In the table, you can find two versions of switchable or controllable power supply units.
 For technical data and explanations, see Page 233.



Ceiling trim frame in white enamel						External power supply unit		
		LED		EEC	A	B	On/off	DALI
12 201.1	Symmetrical	4.3 W	345 lm	A++	100	75	13 144	13 169
12 202.1	Symmetrical	10.6 W	745 lm	A++	100	75	13 144	13 169
12 204.1	Symmetrical	17.0 W	1165 lm	A++	140	75	13 196	13 197
12 206.1	Asymmetrical	4.3 W	320 lm	A++	100	90	13 144	13 169
12 233.1	Asymmetrical	10.6 W	645 lm	A++	100	90	13 144	13 169
12 234.1	Asymmetrical	17.0 W	1110 lm	A++	140	90	13 196	13 197

Ceiling trim frame in stainless steel						External power supply unit		
		LED		EEC	A	B	On/off	DALI
12 201.2	Symmetrical	4.3 W	345 lm	A++	100	75	13 144	13 169
12 202.2	Symmetrical	10.6 W	745 lm	A++	100	75	13 144	13 169
12 204.2	Symmetrical	17.0 W	1165 lm	A++	140	75	13 196	13 197
12 206.2	Asymmetrical	4.3 W	320 lm	A++	100	90	13 144	13 169
12 233.2	Asymmetrical	10.6 W	645 lm	A++	100	90	13 144	13 169
12 234.2	Asymmetrical	17.0 W	1110 lm	A++	140	90	13 196	13 197

Ceiling trim frame in polished aluminium						External power supply unit		
		LED		EEC	A	B	On/off	DALI
12 201.3	Symmetrical	4.3 W	345 lm	A++	100	75	13 144	13 169
12 202.3	Symmetrical	10.6 W	745 lm	A++	100	75	13 144	13 169
12 204.3	Symmetrical	17.0 W	1165 lm	A++	140	75	13 196	13 197
12 206.3	Asymmetrical	4.3 W	320 lm	A++	100	90	13 144	13 169
12 233.3	Asymmetrical	10.6 W	645 lm	A++	100	90	13 144	13 169
12 234.3	Asymmetrical	17.0 W	1110 lm	A++	140	90	13 196	13 197

White enamel finish
 Code number .1



S/steel · Code number .2



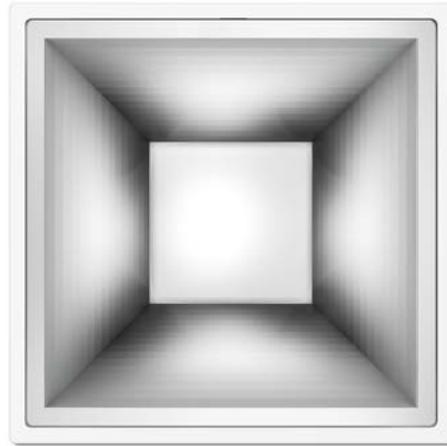
Polished aluminium
 Code number .3





PRIMA
LED recessed ceiling downlights
including external on/off power supply units

The PRIMA series of luminaires has been developed for all applications that require reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile — of course with durable BEGA LED technology. Luminaires with various LED outputs and dimensions for installation in suspended ceilings. With symmetrical wide beam and asymmetrical wide beam light distribution. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

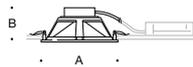


PRIMA
LED recessed ceiling downlights
including external on/off power supply units

Lighting technology: Luminaires with symmetrical wide beam or
asymmetrical wide beam light distribution
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector surface made of pure aluminium

Finish: White enamel finish



LED downlights · Symmetrical wide beam						
	LED		PSU	EEC	A	B
50 541.1	8.5 W	715 lm	On/off	A++	155	80
50 542.1	16.6 W	1460 lm	On/off	A++	180	90



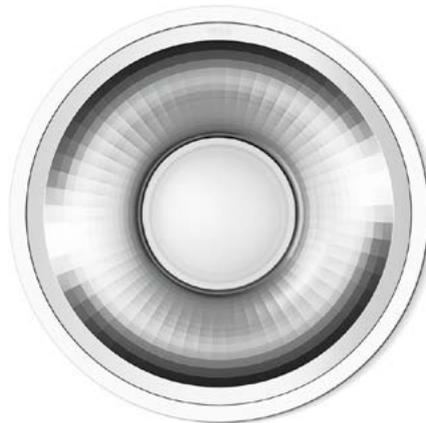
LED downlights · Asymmetrical wide beam						
	LED		PSU	EEC	A	B
50 544.1	8.5 W	710 lm	On/off	A++	155	80
50 545.1	16.6 W	1455 lm	On/off	A++	180	90



PRIMA

LED recessed ceiling downlights
including external on/off power supply units

Luminaires in the PRIMA series are designed for all applications requiring reliable technology and high cost efficiency. Luminaires for universal use. Compact, economical and versatile – of course with durable BEGA LED technology. Luminaires with various LED outputs and dimensions for installation in suspended ceilings. With symmetrical wide beam and asymmetrical wide beam light distribution. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



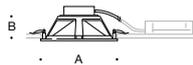
PRIMA

LED recessed ceiling downlights
including external on/off power supply units

Lighting technology: Luminaires with symmetrical wide beam or
asymmetrical wide beam light distribution
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector surface made of pure aluminium

Finish: White enamel finish



LED downlights · Symmetrical wide beam						
	LED		PSU	EEC	A	B
50 336.1	10.8 W	965 lm	On/off	A++	180	90
50 337.1	21.0 W	1980 lm	On/off	A++	235	110



LED downlights · Asymmetrical wide beam						
	LED		PSU	EEC	A	B
50 338.1	10.8 W	965 lm	On/off	A++	180	90
50 339.1	21.0 W	1970 lm	On/off	A++	235	110



Recessed ceiling luminaires
for 68 mm recessed openings

ACCENTA PURE and ACCENTA
LED recessed ceiling luminaires complete
with external on/off or DALI power supply units
Recessed opening 68 mm

These luminaires belong to our ACCENTA range of recessed ceiling luminaires. This is a series of small and compact luminaires with high-grade LED technology for 68 mm ceiling cutouts. High-quality crystal glass and reflectors for creating efficient and brilliant light.

ACCENTA recessed ceiling luminaires are suitable for lighting applications in private homes and wherever representative, brilliant luminaires with efficient LED technology are requested.

The combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of indoor structural details.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

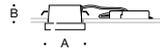
On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



ACCENTA PURE
LED recessed ceiling luminaires
Recessed opening 68 mm

Lighting technology: Luminaires with wide beam light
Colour temperature 3000K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector made of pure anodised aluminium
Partially frosted crystal glass



ACCENTA PURE						
	LED		PSU	EEC	A	B
50 591	10.2 W	640 lm	On/off	A++	80	48
50 593	10.2 W	640 lm	DALI	A++	80	48

Overview of finishes for the ACCENTA ceiling trim ring

If you wish to have a different finish, please change the code number in the article number.

White enamel finish
Code number .1



S/steel · Code number .2



Polished stainless steel
Code number .3



Brass · Code number .4

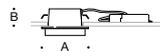


ACCENTA
LED recessed ceiling luminaires
Recessed opening 68 mm

Lighting technology: Luminaires with wide beam light
Colour temperature 3000K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector made of pure anodised aluminium
Partially frosted crystal glass

Finish: Ceiling trim ring with white enamel,
stainless steel, polished stainless steel
or brass finish



ACCENTA · Ceiling trim ring, white · Code number .1						
	LED		PSU	EEC	A	B
50 710.1	10.2 W	640 lm	On/off	A++	80	48
50 711.1	10.2 W	640 lm	DALI	A++	80	48



ACCENTA PLUS
Recessed ceiling luminaires
for 68 mm recessed openings

ACCENTA PLUS
LED recessed ceiling downlights
for external on/off or DALI power supply units
Recessed opening 68 mm

ACCENTA PLUS – small, compact and very efficient. These downlights are available with two exceptionally high light outputs and two light distributions. ACCENTA recessed ceiling luminaires are suitable for lighting applications in private homes and wherever representative, brilliant luminaires with efficient LED technology are requested. The combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of indoor structural details. The external power supply unit required for your system can be connected to the luminaire by means of a simple plug connector. In the table, you can find two versions of switchable or controllable power supply units. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data and explanations, see Page 233.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Overview of finishes for ceiling trim ring

If you wish to have a different finish, please change the code number in the article number.

White enamel finish
Code number .1



S/steel · Code number .2



Polished stainless steel
Code number .3



Brass · Code number .4



ACCENTA PLUS

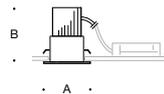
LED recessed ceiling luminaires for external power supply units
Recessed opening 68 mm

Lighting technology: Efficient luminaires with narrow beam or wide beam light distribution
Colour temperature 3000 K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector made of pure anodised aluminium · Safety glass

Finish: Ceiling trim ring
White enamel finish, stainless steel, polished stainless steel or brass

The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector.
In the table, you can find two versions of switchable or controllable power supply units.
For technical data and explanations, see Page 233.



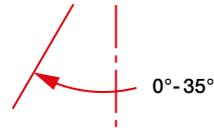
Ceiling trim ring in white enamel · Code number .1		External power supply unit				
	LED	EEC	A B	On/off	DALI	
12 144.1	Narrow beam	8.0 W 485 lm	A++ 80 48	13 198	13 199	
34 984.1	Narrow beam	14.5 W 785 lm	A++ 80 100	13 144	13 169	
		LED	EEC	A B	On/off	DALI
12 145.1	Wide beam	8.0 W 515 lm	A++ 80 48	13 198	13 199	
34 985.1	Wide beam	14.5 W 795 lm	A++ 80 100	13 144	13 169	



ACCENTA VARIO
Recessed ceiling luminaires
for 95 mm recessed openings

ACCENTA VARIO
LED recessed ceiling luminaires complete
with external on/off or DALI power supply units
Adjustable light distribution
Recessed opening 95 mm

These luminaires belong to our ACCENTA range of recessed ceiling luminaires. They are small and compact luminaires with high-grade LED technology. High-quality crystal glass and reflectors for creating efficient and brilliant light. ACCENTA VARIO has light outputs to match the luminaires on Page 144, but requires a recessed opening of 95 mm. Combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of structural details. ACCENTA recessed ceiling luminaires are suitable for lighting applications in private homes and wherever representative, brilliant luminaires with efficient LED technology are requested. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Overview of finishes for ceiling trim ring

If you wish to have a different finish, please change the code number in the article number.

White enamel finish
Code number .1



S/steel · Code number .2



Polished stainless steel
Code number .3



Brass · Code number .4

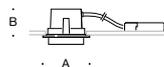


ACCENTA VARIO
LED recessed ceiling luminaires
Recessed opening 95 mm

Lighting technology: Luminaires with adjustable light
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector made of pure anodised aluminium
Partially frosted crystal glass

Finish: Ceiling trim ring in white enamel,
stainless steel, polished stainless steel or brass



Ceiling trim ring, white · Code number .1

	LED		PSU	EEC	A	B
50 713.1	10.2 W	640 lm	On/off	A++	105	55
50 714.1	10.2 W	640 lm	DALI	A++	105	55



ACCENTA
Recessed ceiling luminaires
for 68 mm recessed openings

ACCENTA
LED recessed ceiling luminaires complete
with external on/off or DALI power supply units
Unshielded luminaires
Recessed opening 68 mm

These luminaires belong to our ACCENTA range of recessed ceiling luminaires. They are small and compact luminaires with high-grade LED technology for 68 mm ceiling cutouts.

Combination with ceiling trim rings in four different materials enables perfect coordination with all kinds of structural details.

ACCENTA recessed ceiling luminaires are suitable for lighting applications in private homes and wherever representative, brilliant luminaires with efficient LED technology are requested.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



**Overview of finishes
for ceiling trim ring**

If you wish to have a different finish, please change the code number in the article number.

White enamel finish
Code number .1



S/steel · Code number .2



Polished stainless steel
Code number .3



Brass · Code number .4



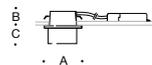
ACCENTA

LED recessed ceiling luminaires
Recessed opening 68mm

Lighting technology: Luminaires with unshielded light
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Satin matt hand-blown opal glass

Finish: Ceiling trim ring in white enamel,
stainless steel, polished stainless steel or brass



Ceiling trim ring, white · Code number .1							
	LED		PSU	EEC	A	B	C
50 716.1	7.2 W	590 lm	On/off	A++	80	48	40
50 717.1	7.2 W	590 lm	DALI	A++	80	48	40



STUDIO LINE

LED recessed ceiling luminaires
including external on/off power supply units

These recessed ceiling luminaires belong to our STUDIO LINE luminaire series. Compact luminaires for installation in suspended ceilings. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in eight colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between white, aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE

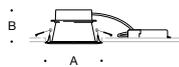
LED recessed ceiling luminaires
including external on/off power supply units

Lighting technology: Efficient luminaires with directed light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Ceiling trim ring in velvet black or velvet white

Interior colour available with a choice of 4 finishes:
White · Matt aluminium · Matt brass · Matt copper



Interior colour in white
Code number .1



Interior colour in matt alum.
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED recessed ceiling luminaires · Interior colour in white

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 576.1	50 578.1	10.8 W 830 lm	On/off	A ⁺⁺	130	80
50 577.1	50 579.1	21.0 W 1720 lm	On/off	A ⁺⁺	150	90

LED recessed ceiling luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 576.2	50 578.2	10.8 W 735 lm	On/off	A ⁺⁺	130	80
50 577.2	50 579.2	21.0 W 1485 lm	On/off	A ⁺⁺	150	90

LED recessed ceiling luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 576.4	50 578.4	10.8 W 620 lm	On/off	A ⁺⁺	130	80
50 577.4	50 579.4	21.0 W 1250 lm	On/off	A ⁺⁺	150	90

LED recessed ceiling luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 576.6	50 578.6	10.8 W 580 lm	On/off	A ⁺⁺	130	80
50 577.6	50 579.6	21.0 W 1170 lm	On/off	A ⁺⁺	150	90



STUDIO LINE
Recessed ceiling downlights
for 68 mm recessed openings

STUDIO LINE

LED recessed ceiling downlights for external power supply units
Recessed opening 68 mm

These LED recessed ceiling downlights belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The external power supply unit required for your system can be connected to the luminaire by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data and explanations, see Page 233.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE

LED recessed ceiling downlights for external power supply units
Recessed opening 68 mm

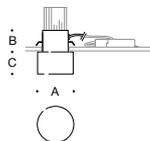
Lighting technology: Efficient luminaires with directed light
LED colour temperature 3000K
Article number + **K3**

Material: Luminaire housing made of metal
Reflector made of pure anodised aluminium

Finish: Enamel optionally in
velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper

The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. For technical data and explanations, see Page 233.



Interior colour in matt alum.
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED recessed ceiling luminaires · Interior colour in matt aluminium							External power supply unit	
Velvet black	Velvet white	LED	EEC	A	B	C	On/off	DALI
50 249.2	50 370.2	8.0 W 415 lm	A++	80	48	50	13 198	13 199
50 252.2	50 371.2	14.5 W 820 lm	A++	80	100	50	13 144	13 169

LED recessed ceiling luminaires · Interior colour in matt brass							External power supply unit	
Velvet black	Velvet white	LED	EEC	A	B	C	On/off	DALI
50 249.4	50 370.4	8.0 W 395 lm	A++	80	48	50	13 198	13 199
50 252.4	50 371.4	14.5 W 745 lm	A++	80	100	50	13 144	13 169

LED recessed ceiling luminaires · Interior colour in matt copper							External power supply unit	
Velvet black	Velvet white	LED	EEC	A	B	C	On/off	DALI
50 249.6	50 370.6	8.0 W 380 lm	A++	80	48	50	13 198	13 199
50 252.6	50 371.6	14.5 W 675 lm	A++	80	100	50	13 144	13 169



STUDIO LINE
Recessed ceiling downlights
for 68 mm recessed openings

STUDIO LINE

LED recessed ceiling downlights for external power supply units
Recessed opening 68 mm

These LED recessed ceiling downlights belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The external power supply unit required for your system can be connected to the luminaire by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. External power supply units for operating these luminaires are accessories and must be ordered separately. For technical data and explanations, see Page 233.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE

LED recessed ceiling downlights for external power supply units
Recessed opening 68 mm

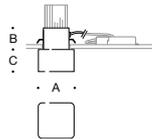
Lighting technology: Efficient luminaires with directed light
LED colour temperature 3000 K
Article number + **K3**

Material: Luminaire housing made of metal
Reflector made of pure anodised aluminium

Finish: Enamel optionally in
velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper

The luminaires and the external power supply units required for your lighting systems can be connected by means of a simple plug connector. In the table, you can find two versions of switchable and controllable power supply units. For technical data and explanations, see Page 233.



Interior colour in matt alum.
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED recessed ceiling luminaires · Interior colour in matt aluminium							External power supply unit	
Velvet black	Velvet white	LED	EEC	A	B	C	On/off	DALI
50 250.2	50 372.2	8.0 W 435 lm	A++	85×85	48	50	13 198	13 199
50 253.2	50 373.2	14.5 W 820 lm	A++	85×85	100	50	13 144	13 169

LED recessed ceiling luminaires · Interior colour in matt brass							External power supply unit	
Velvet black	Velvet white	LED	EEC	A	B	C	On/off	DALI
50 250.4	50 372.4	8.0 W 395 lm	A++	85×85	48	50	13 198	13 199
50 253.4	50 373.4	14.5 W 745 lm	A++	85×85	100	50	13 144	13 169

LED recessed ceiling luminaires · Interior colour in matt copper							External power supply unit	
Velvet black	Velvet white	LED	EEC	A	B	C	On/off	DALI
50 250.6	50 372.6	8.0 W 360 lm	A++	85×85	48	50	13 198	13 199
50 253.6	50 373.6	14.5 W 675 lm	A++	85×85	100	50	13 144	13 169



LED ceiling-mounted downlights

A series of very efficient LED ceiling-mounted downlights with symmetrical wide beam or asymmetrical wide beam light distribution.

This series sets new standards in terms of cost-effectiveness and compact design.

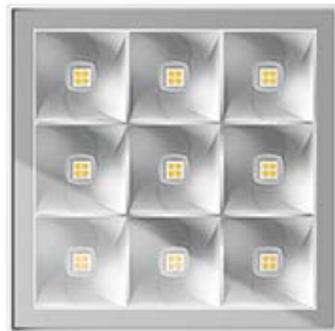
These surface-mounted ceiling luminaires are suitable for lighting applications in private homes and wherever representative, brilliant luminaires with efficient LED technology are requested.

These luminaires can be found on our website in other dimensions and light outputs for solving major lighting applications.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling-mounted downlights

Lighting technology: Luminaires with symmetrical wide beam or asymmetrical wide beam light distribution
 Colour temperature 3000 K, corresponds to warm white
 Article number + **K3**

Protection class: IP 65

Material: Cast aluminium, aluminium and stainless steel
 Safety glass
 Reflector surface made of pure aluminium

Finish: White enamel finish



LED ceiling-mounted downlights - **symmetrical wide beam**

	LED	PSU	EEC	A	B
50 166.1	4.3 W 345 lm	On/off	A++	95x95	90
50 167.1	11.0 W 745 lm	On/off	A++	95x95	90
50 168.1	21.0 W 1515 lm	DALI	A++	130x130	100



LED ceiling-mounted downlights - **asymmetrical wide beam**

	LED	PSU	EEC	A	B
50 413.1	4.3 W 275 lm	On/off	A++	95x95	90
50 414.1	11.0 W 535 lm	On/off	A++	95x95	90
50 415.1	21.0 W 1355 lm	DALI	A++	130x130	100



LED ceiling luminaires with wide beam light distribution

LED ceiling luminaires with wide beam light distribution in various sizes that are characterised by a very low height and compact dimensions.

Hand-blown, three-ply opal glass with a concave bottom side for soft and pleasantly uniform distribution of the light and high visual comfort.

High-quality LED luminaires that unite our hand-crafted glass with the modern lighting technology.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Concave interior surface
of the frosted opal glass



LED ceiling luminaires

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Material: Aluminium and stainless steel
 Satin matt hand-blown opal glass

Finish: White enamel, stainless steel or
 polished aluminium



White enamel finish
 Code number .1



S/steel · Code number .2



Polished aluminium
 Code number .3



LED ceiling luminaires · **White enamel finish**

	LED	PSU	EEC	A	B
23 846.1	4.5 W	260 lm	On/off	A++	100 95
23 966.1	7.6 W	565 lm	On/off	A++	120 95
23 967.1	12.0 W	940 lm	DALI	A++	140 110
34 021.1	17.1 W	1265 lm	DALI	A++	190 130

LED ceiling luminaires · **Stainless steel**

	LED	PSU	EEC	A	B
23 846.2	4.5 W	260 lm	On/off	A++	100 95
23 966.2	7.6 W	565 lm	On/off	A++	120 95
23 967.2	12.0 W	940 lm	DALI	A++	140 110
34 021.2	17.1 W	1265 lm	DALI	A++	190 130

LED ceiling luminaires · **Polished aluminium**

	LED	PSU	EEC	A	B
23 846.3	4.5 W	260 lm	On/off	A++	100 95
23 966.3	7.6 W	565 lm	On/off	A++	120 95
23 967.3	12.0 W	940 lm	DALI	A++	140 110
34 021.3	17.1 W	1265 lm	DALI	A++	190 130



LED ceiling luminaires with wide beam light distribution

LED ceiling luminaires with wide beam light distribution in various sizes that are characterised by a very low height and compact dimensions. These luminaires feature thick, handcrafted partially frosted crystal glass with impressive and multi-faceted light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





LED ceiling luminaires

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Material: Aluminium and stainless steel
 Partially frosted crystal glass
 Reflector made of pure anodised aluminium

Finish: Velvet white enamel or stainless steel



· A ·

LED ceiling luminaires · Velvet white enamel finish

	LED		PSU	EEC	A	B
50 565.1	9.7 W	690 lm	On/off	A++	120	75
50 567.1	13.5 W	1035 lm	On/off	A++	135	80
50 568.1	13.5 W	1035 lm	DALI	A++	135	80
50 570.1	20.0 W	1950 lm	DALI	A++	180	95

LED ceiling luminaires · Stainless steel

	LED		PSU	EEC	A	B
50 565.2	9.7 W	690 lm	On/off	A++	120	75
50 567.2	13.5 W	1035 lm	On/off	A++	135	80
50 568.2	13.5 W	1035 lm	DALI	A++	135	80
50 570.2	20.0 W	1950 lm	DALI	A++	180	95

Velvet white enamel finish
 Code number .1



S/steel · Code number .2





LED ceiling luminaires Direct and indirect light distribution

Downlights in various sizes and finishes with direct and indirect light distribution. An integral reflector produces the direct downward-directed light. At the same time, part of the diffuse light is used to illuminate the luminaire glass and to produce a degree of vertical illuminance.

The dual light distribution lends these luminaires their excellent visual comfort. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. We supply these downlights with an integral DALI power supply unit and in different sizes.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





LED ceiling luminaires

Lighting technology: Luminaires with direct and indirect light distribution
 Colour temperature 3000K,
 corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of cast aluminium
 Satin matt opal glass
 Reflector made of pure anodised aluminium

Finish: Velvet white enamel, stainless steel or
 velvet black enamel



Velvet white enamel finish
 Code number .1



S/steel · Code number .2



Velvet black enamel finish
 Code number .5



LED ceiling luminaires · **Velvet white enamel finish**

	LED		PSU	EEC	A	B
50 517.1	9.7 W	920 lm	DALI	A++	120	170
50 519.1	13.5 W	1150 lm	DALI	A++	135	185
50 521.1	20.0 W	2040 lm	DALI	A++	180	230

LED ceiling luminaires · **Stainless steel**

	LED		PSU	EEC	A	B
50 517.2	9.7 W	920 lm	DALI	A++	120	170
50 519.2	13.5 W	1150 lm	DALI	A++	135	185
50 521.2	20.0 W	2040 lm	DALI	A++	180	230

LED ceiling luminaires · **Velvet black enamel finish**

	LED		PSU	EEC	A	B
50 517.5	9.7 W	920 lm	DALI	A++	120	170
50 519.5	13.5 W	1150 lm	DALI	A++	135	185
50 521.5	20.0 W	2040 lm	DALI	A++	180	230



LED ceiling luminaires · Downlights

Wide beam light distribution

Downlights in various sizes and finishes with wide beam light distribution. These luminaires feature thick, handcrafted partially frosted crystal glass with impressive and multi-faceted light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. We supply these downlights with an integral DALI power supply unit and in different sizes.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





LED ceiling luminaires · Downlights

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000K,
 corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of cast aluminium
 Partially frosted crystal glass
 Reflector made of pure anodised aluminium

Finish: Velvet white enamel or stainless steel



Velvet white enamel finish
 Code number .1



S/steel · Code number .2



LED ceiling luminaires · **Velvet white enamel finish**

	LED		PSU	EEC	A	B
50 511.1	9.7 W	765 lm	DALI	A++	120	135
50 513.1	13.5 W	955 lm	DALI	A++	135	145
50 515.1	20.0 W	1700 lm	DALI	A++	180	175

LED ceiling luminaires · **Stainless steel**

	LED		PSU	EEC	A	B
50 511.2	9.7 W	765 lm	DALI	A++	120	135
50 513.2	13.5 W	955 lm	DALI	A++	135	145
50 515.2	20.0 W	1700 lm	DALI	A++	180	175



STUDIO LINE Shielded LED ceiling luminaires

These LED ceiling luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light from these ceiling luminaires is shielded to the outside. It is directed downwards by hand-blown three-ply opal glass inside the luminaire housing to provide a pleasantly soft lighting atmosphere with high visual comfort.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

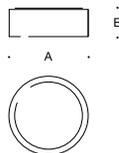


STUDIO LINE
LED ceiling luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000 K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
Satin matt hand-blown opal glass

Finish: Enamel optionally in velvet black or velvet white
Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED ceiling luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 174.2	50 363.2	15.8 W 670 lm	On/off	A++	260	105

LED ceiling luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 174.4	50 363.4	15.8 W 630 lm	On/off	A++	260	105

LED ceiling luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 174.6	50 363.6	15.8 W 600 lm	On/off	A++	260	105



STUDIO LINE Shielded LED ceiling luminaires

These LED ceiling luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light directed downwards from these downward-directed ceiling luminaires is shielded to the outside by a luminaire housing with cylindrical layout. You will find luminaires with this design but a square luminaire housing on Page 172.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE
LED ceiling luminaires

Lighting technology: Luminaires with light distribution directed downwards
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED ceiling luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 182.2	50 359.2	6.6 W 315 lm	On/off	A++	80	115
50 183.2	50 360.2	10.6 W 445 lm	On/off	A++	100	135

LED ceiling luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 182.4	50 359.4	6.6 W 310 lm	On/off	A++	80	115
50 183.4	50 360.4	10.6 W 405 lm	On/off	A++	100	135

LED ceiling luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 182.6	50 359.6	6.6 W 310 lm	On/off	A++	80	115
50 183.6	50 360.6	10.6 W 365 lm	On/off	A++	100	135



STUDIO LINE Shielded LED ceiling luminaires

These LED ceiling luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light directed downwards from these downward-directed ceiling luminaires is shielded to the outside by a luminaire housing with square layout. You will find luminaires with this design but a cylindrical luminaire housing on Page 170.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE
LED ceiling luminaires

Lighting technology: Luminaires with light distribution directed downwards
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED ceiling luminaires · Interior colour in matt aluminium

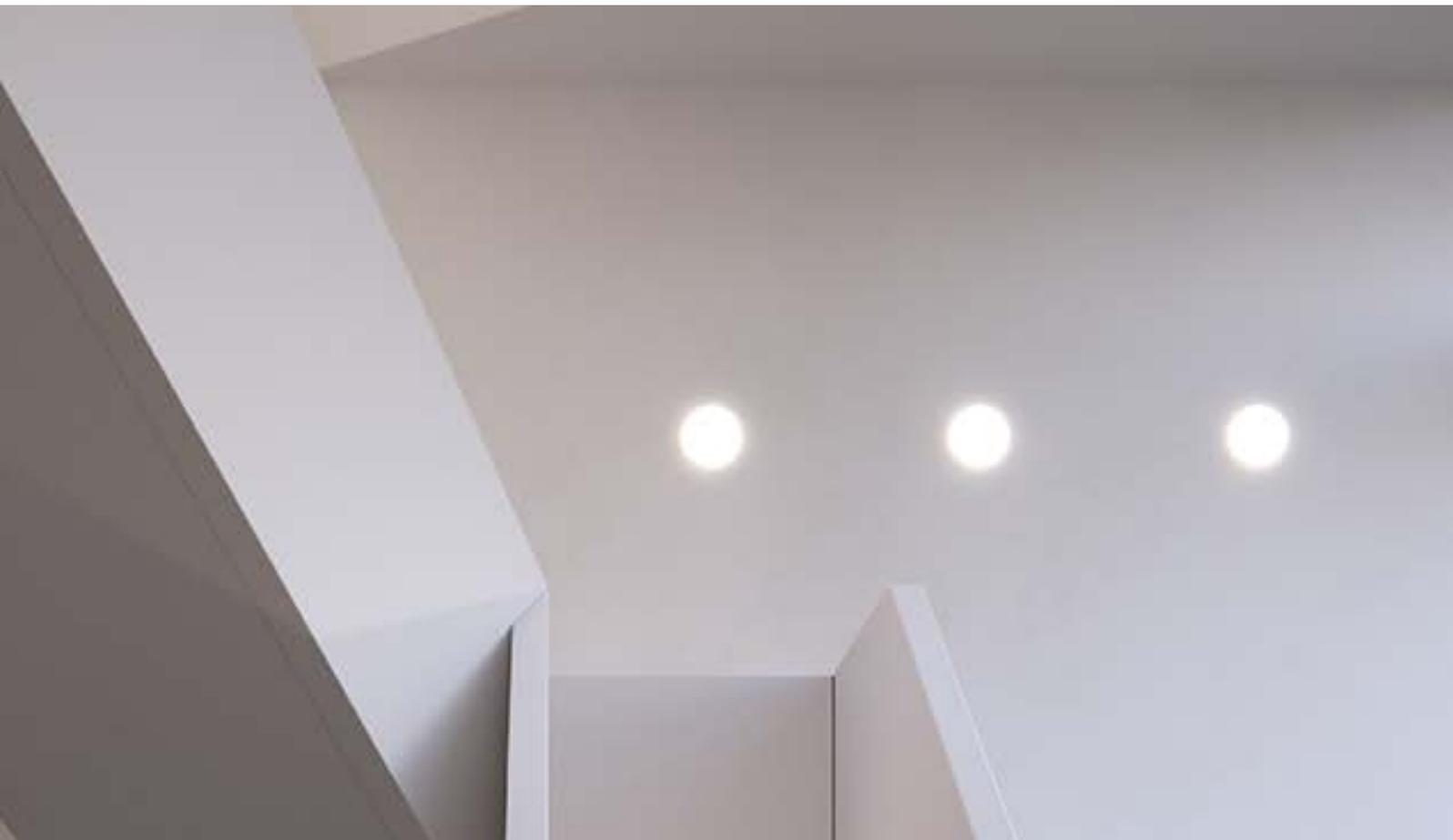
Velvet black	Velvet white	LED	PSU	EEC	A	B
50 184.2	50 361.2	6.6 W 290 lm	On/off	A++	85	115
50 185.2	50 362.2	10.6 W 380 lm	On/off	A++	105	140

LED ceiling luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 184.4	50 361.4	6.6 W 280 lm	On/off	A++	85	115
50 185.4	50 362.4	10.6 W 345 lm	On/off	A++	105	140

LED ceiling luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B
50 184.6	50 361.6	6.6 W 230 lm	On/off	A++	85	115
50 185.6	50 362.6	10.6 W 315 lm	On/off	A++	105	140



LED ceiling and wall luminaires

A series of luminaires for installation on ceilings and walls. Luminaires with beautiful crystal glass in various sizes. The white interior of the glass appears to be embedded in the clear crystal glass.

This blending ensures a pleasantly soft light with a brilliant effect. The luminaires seem to create their light graphics without a luminaire housing. Metal elements carefully integrated in the glass close the lamp area by means of a reliable bayonet closure. Whether as single luminaires or arranged in a formation, this “light made of glass” series enhances the lighting of any interior.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years’ availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling and wall luminaires

Lighting technology: Luminaires with unshielded light distribution
 Colour temperature 3000K,
 corresponds to warm white
 Article number + **K3**

Material: Luminaire fitting made of metal
 Crystal glass, inside white

Finish: Luminaire fitting with white enamel finish



	LED		PSU	EEC	A	B
50 194	8.0 W	550 lm	AC module	A ⁺⁺	200	75
78 634	9.2 W	850 lm	On/off	A ⁺⁺	250	85
78 635	13.6 W	1140 lm	On/off	A ⁺⁺	300	90



LED ceiling and wall luminaires

Expertly hand-crafted glass combined with cost-effective and durable technology: These new ceiling and wall luminaires, available in various sizes and with different light outputs, offer a broad spectrum of planning options.

A new feature in this series is the optional choice between different light outputs with the same diameter. This additional option means that both output and number of luminaires can be used as factors in the lighting planning and room design.

They are solid, reliable lighting tools that will continue to do their job over long operating periods. Perfect proportions and impressive luminaire glass make these luminaires elegant and durable elements of interior design.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling and wall luminaires

Lighting technology: Luminaires with unshielded light distribution
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Material: Luminaire fitting made of metal
 Hand-blown opal glass

Finish: Luminaire fitting with white enamel finish



	LED		PSU	EEC	A	B	C
23 296	10.2 W	810 lm	On/off	A++	350	85	240
23 410	13.6 W	1090 lm	On/off	A++	350	85	240
23 414	20.0 W	1650 lm	On/off	A++	420	95	280
12 163	29.4 W	2130 lm	DALI	A++	420	95	280



LED ceiling and wall luminaires

Compact LED indoor luminaires with unshielded light are suitable for use as ceiling and wall luminaires. Elegant luminaire housings without visible screw connections. A cast aluminium housing with three different finishes, thick-walled crystal glass, the LED technology used and a high protection class of IP 65 make these luminaires long-lasting and cost-effective components of interior design. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Crystal glass, inside white

White enamel finish
Code number .1



S/steel · Code number .2



Chrome · Code number .3



LED ceiling and wall luminaires

Lighting technology: Luminaires with unshielded light distribution
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Protection class: IP 65

Material: Luminaire housing made of metal
Crystal glass, inside white

Finish: White enamel, stainless steel or chrome



LED ceiling and wall luminaires · White enamel

	LED	PSU	EEC	A	B
50 535.1	5.8 W 390 lm	On/off	A++	160	65
50 536.1	9.0 W 700 lm	On/off	A++	210	70

LED ceiling and wall luminaires · Stainless steel

	LED	PSU	EEC	A	B
50 535.2	5.8 W 390 lm	On/off	A++	160	65
50 536.2	9.0 W 700 lm	On/off	A++	210	70

LED ceiling and wall luminaires · Chrome

	LED	PSU	EEC	A	B
50 535.3	5.8 W 390 lm	On/off	A++	160	65
50 536.3	9.0 W 700 lm	On/off	A++	210	70



LED ceiling and wall luminaires

Classic, timeless indoor luminaires with a new interpretation: With its contemporary timeless design and modern lighting technology, this series of luminaires continues a long tradition. In captivating quality, this series presents high-precision metal housings, exquisite finishes and hand-blown satin matt opal glass. Designed optionally for use on ceilings or on walls.

These luminaires are suitable in particular for arranging in groups. They can be used for many indoor lighting applications. These luminaires with protection class IP 44 plus conformance according to VDE 0100 are perfect for use as bathroom lighting. They are solid, reliable lighting tools that will continue to do their job over long operating periods.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED ceiling and wall luminaires

Lighting technology: Luminaires with unshielded light distribution
 Colour temperature 3000K,
 corresponds to warm white
 Article number + **K3**

Protection class: IP 44

Material: Luminaire housing made of metal
 Satin matt opal glass

Finish: Stainless steel or chrome



S/steel · Code number .2



Chrome · Code number .3



LED ceiling and wall luminaires · **Stainless steel**

	LED	PSU	EEC	A	B	C
23 392.2	7.7 W	535 lm	On/off	A++	175	175 70
50 662.2	12.0 W	1080 lm	On/off	A++	200	200 90
50 663.2	22.8 W	2090 lm	On/off	A++	275	275 95
50 664.2	12.0 W	1080 lm	DALI	A++	200	200 90
50 665.2	22.8 W	2090 lm	DALI	A++	275	275 95

LED ceiling and wall luminaires · **Chrome**

	LED	PSU	EEC	A	B	C
23 392.3	7.7 W	535 lm	On/off	A++	175	175 70
50 662.3	12.0 W	1080 lm	On/off	A++	200	200 90
50 663.3	22.8 W	2090 lm	On/off	A++	275	275 95
50 664.3	12.0 W	1080 lm	DALI	A++	200	200 90
50 665.3	22.8 W	2090 lm	DALI	A++	275	275 95



LED wall luminaires with directed light

LED wall luminaires in compact dimensions for various installation heights.
Luminaires in different sizes and light outputs.

As single luminaires for marking danger areas e.g. on stairs and steps or in rows
for illuminating corridors and passageways in private areas.

Luminaires with low connected wattage values that impress through their durable
LED technology as well as their elegance.

These are luminaires which will impress you through a minimum LED service life
of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the
table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire
concerning not only the current values but also the LED service life and the
luminous flux.



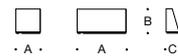


LED wall luminaires

Lighting technology: Luminaires with directed light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of cast aluminium
 Safety glass, inside white

Finish: White enamel or stainless steel



White enamel finish
 Code number .1



S/steel · Code number .2



LED wall luminaires · **White**

	LED		PSU	EEC	A	B	C
78 047.1	3.4 W	190 lm	On/off	A++	90	100	55
78 052.1	6.2 W	340 lm	On/off	A++	175	100	55
50 071.1	8.0 W	645 lm	On/off	A++	175	100	55

LED wall luminaires · **Stainless steel**

	LED		PSU	EEC	A	B	C
78 047.2	3.4 W	190 lm	On/off	A++	90	100	55
78 052.2	6.2 W	340 lm	On/off	A++	175	100	55
50 071.2	8.0 W	645 lm	On/off	A++	175	100	55



LED wall luminaires for light in two directions

LED technology opens up new possibilities for the development of new luminaire designs. These are small, compact and cost-effective luminaires that distribute their light upwards and downwards on the wall.

Two crystal glass elements enhance the high-precision housings made of cast aluminium and lend them their distinctive character.

Various sizes and three different finishes let you coordinate the luminaires with the respective room and lighting situation.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



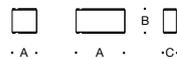


LED wall luminaires

Lighting technology: Luminaires for light in two directions
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of cast aluminium
 Crystal glass, inside white

Finish: White enamel, stainless steel or chrome



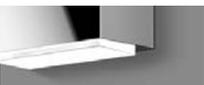
White enamel finish
 Code number .1



S/steel · Code number .2



Chrome · Code number .3



LED wall luminaires · **White enamel**

	LED	PSU	EEC	A	B	C
23 013.1	6.0 W	220 lm	On/off	A++	90	105 55
23 015.1	10.5 W	470 lm	On/off	A++	175	105 55
50 072.1	15.6 W	710 lm	On/off	A++	175	105 55

LED wall luminaires · **Stainless steel**

	LED	PSU	EEC	A	B	C
23 013.2	6.0 W	220 lm	On/off	A++	90	105 55
23 015.2	10.5 W	470 lm	On/off	A++	175	105 55
50 072.2	15.6 W	710 lm	On/off	A++	175	105 55

LED wall luminaires · **Chrome**

	LED	PSU	EEC	A	B	C
23 013.3	6.0 W	220 lm	On/off	A++	90	105 55
23 015.3	10.5 W	470 lm	On/off	A++	175	105 55
50 072.3	15.6 W	710 lm	On/off	A++	175	105 55



LED wall luminaires for light in two directions

Compact LED wall luminaires with light emission in two directions.

Thick-walled brilliant crystal glass characterises the design of these luminaires.

Whether as single luminaires or lined up in rows: They illuminate and accentuate many situations in the room.

Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





White enamel finish
Code number .1



Palladium enamel finish
Code number .4



Velvet black enamel finish
Code number .5

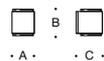


LED wall luminaires

Lighting technology: Luminaires for light in two directions
Colour temperature 3000K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Crystal glass, inside white

Finish: White, palladium or velvet black enamel



LED wall luminaires · White enamel

	LED		PSU	EEC	A	B	C
50 063.1	9.5 W	515 lm	On/off	A++	90	120	100
50 064.1	19.5 W	955 lm	DALI	A++	120	150	130

LED wall luminaires · Palladium enamel

	LED		PSU	EEC	A	B	C
50 063.4	9.5 W	515 lm	On/off	A++	90	120	100
50 064.4	19.5 W	955 lm	DALI	A++	120	150	130

LED wall luminaires · Velvet black enamel

	LED		PSU	EEC	A	B	C
50 063.5	9.5 W	515 lm	On/off	A++	90	120	100
50 064.5	19.5 W	955 lm	DALI	A++	120	150	130



LED wall luminaires

These are small, compact and cost-effective LED wall luminaires that distribute their light upwards or downwards on the wall depending on their direction of installation. Expertly hand-crafted crystal glass enhances the high-precision housings made of cast aluminium and provides pleasant illumination with brilliant accents.

Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

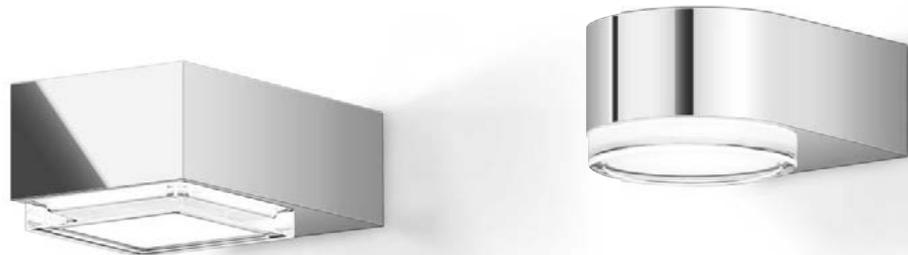
These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

The luminaires can be installed in any burning position.



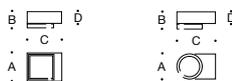


LED wall luminaires

Lighting technology: Luminaires with light directed downwards or upwards
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of cast aluminium
 Crystal glass, inside white

Finish: White enamel, stainless steel or chrome



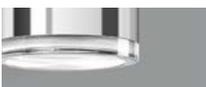
White enamel finish
 Code number .1



S/steel - Code number .2



Chrome - Code number .3



LED wall luminaires - **White enamel**

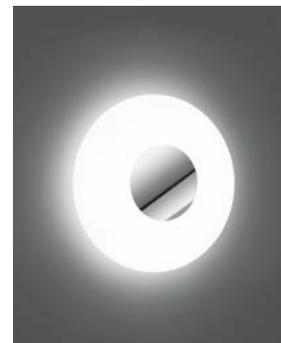
		LED	PSU	EEC	A	B	C	D
23 374.1	Rectangular	5.7 W 120 lm	On/off	A++	95	65	130	50
23 263.1	Round	3.0 W 60 lm	On/off	A++	80	55	125	45
23 264.1	Round	5.7 W 160 lm	On/off	A++	100	65	145	50

LED wall luminaires - **Stainless steel**

		LED	PSU	EEC	A	B	C	D
23 374.2	Rectangular	5.7 W 120 lm	On/off	A++	95	65	130	50
23 263.2	Round	3.0 W 60 lm	On/off	A++	80	55	125	45
23 264.2	Round	5.7 W 160 lm	On/off	A++	100	65	145	50

LED wall luminaires - **Chrome**

		LED	PSU	EEC	A	B	C	D
23 374.3	Rectangular	5.7 W 120 lm	On/off	A++	95	65	130	50
23 263.3	Round	3.0 W 60 lm	On/off	A++	80	55	125	45
23 264.3	Round	5.7 W 160 lm	On/off	A++	100	65	145	50



Unshielded LED wall luminaires

Unshielded LED wall luminaires for numerous applications indoors. Hand-blown three-ply opal glass, in which a wafer thin opalescent layer is molten between two layers of crystal glass, produces a soft distribution of light with high visual comfort. Metal shields with various finishes are gently embedded in the luminaire glass for its accentuation. Individually or in groups, these luminaires with their impressive contrasting effect provide atmospheric light for designing indoor areas. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED wall luminaires

Lighting technology: Luminaires with unshielded light
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Material: Luminaire fitting made of metal
 Hand-blown opal glass

Finish: Metal shield in white enamel, chrome or velvet black enamel



LED wall luminaires · **rounded**

	Metal shield	LED	PSU	EEC	A	B
12 209.1	White	10.5 W 550 lm	On/off	A++	200	50
12 210.1	White	20.0 W 1170 lm	DALI	A++	320	60
12 209.3	Chrome	10.5 W 550 lm	On/off	A++	200	50
12 210.3	Chrome	20.0 W 1170 lm	DALI	A++	320	60
12 209.5	Velvet black	10.5 W 550 lm	On/off	A++	200	50
12 210.5	Velvet black	20.0 W 1170 lm	DALI	A++	320	60



LED wall luminaires · **cylindrical**

	Metal shield	LED	PSU	EEC	A	B
50 093.1	White	10.5 W 525 lm	On/off	A++	200	50
50 094.1	White	20.0 W 1185 lm	DALI	A++	320	60
50 093.3	Chrome	10.5 W 525 lm	On/off	A++	200	50
50 094.3	Chrome	20.0 W 1185 lm	DALI	A++	320	60
50 093.5	Velvet black	10.5 W 525 lm	On/off	A++	200	50
50 094.5	Velvet black	20.0 W 1185 lm	DALI	A++	320	60

White enamel finish
 Code number .1



Chrome · Code number .3



Velvet black enamel finish
 Code number .5





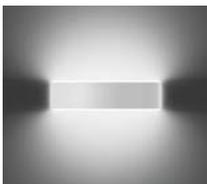
LED wall luminaires

LED luminaires, optionally unshielded or with metal shields in various finishes, with glare suppression to the front and direction of the light upwards and downwards. Wall luminaires with hand-blown opal glass, which convince through their pleasant light. Singly or in groups, these luminaires with their beautiful contrasting effect provide atmospheric light for designing indoor areas. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Unshielded
Satin matt opal glass



Shielded
Opal glass with metal shield

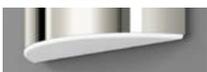
White enamel finish
Code number .1



S/steel · Code number .2



Polished stainless steel
Code number .3



PRIMA
LED wall luminaires

Lighting technology: Luminaires with unshielded or shielded light
Colour temperature 3000 K, corresponds to warm white
Article number + **K3**

Material: Luminaire fitting made of metal
Satin matt opal glass

Finish: Metal shield in white enamel, stainless steel or polished stainless steel



Unshielded							
	LED		PSU	EEC	A	B	C
50 262	12 W	905 lm	AC module	A++	250	100	110
50 263	24 W	1745 lm	AC module	A++	350	100	125



Shielded · Metal shield in white enamel							
	LED		PSU	EEC	A	B	C
50 264.1	12 W	510 lm	AC module	A++	255	100	110
50 265.1	24 W	1280 lm	AC module	A++	355	100	125

Shielded · Metal shield in stainless steel							
	LED		PSU	EEC	A	B	C
50 264.2	12 W	510 lm	AC module	A++	255	100	110
50 265.2	24 W	1280 lm	AC module	A++	355	100	125

Shielded · Metal shield in polished stainless steel							
	LED		PSU	EEC	A	B	C
50 264.3	12 W	510 lm	AC module	A++	255	100	110
50 265.3	24 W	1280 lm	AC module	A++	355	100	125



LED wall luminaires for light in two directions

Cost-effective LED wall luminaires that distribute their light upwards and downwards on the wall. Crystal glass with a white interior enhances the high-precision housings made of cast aluminium and lends them their distinctive character.

Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



White enamel finish
Code number .1



S/steel - Code number .2



Chrome - Code number .3



LED wall luminaires

Lighting technology: Luminaires for light in two directions
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Crystal glass, inside white

Finish: White enamel, stainless steel or chrome



LED wall luminaires - White enamel

	LED	PSU	EEC	A	B	C
12 282.1	10.7 W	390 lm	On/off	A++	200	60 110
12 283.1	15.7 W	690 lm	On/off	A++	300	60 130

LED wall luminaires - Stainless steel

	LED	PSU	EEC	A	B	C
12 282.2	10.7 W	390 lm	On/off	A++	200	60 110
12 283.2	15.7 W	690 lm	On/off	A++	300	60 130

LED wall luminaires - Chrome

	LED	PSU	EEC	A	B	C
12 282.3	10.7 W	390 lm	On/off	A++	200	60 110
12 283.3	15.7 W	690 lm	On/off	A++	300	60 130



LED wall luminaires for light in two directions

Cost-effective LED wall luminaires that distribute their light upwards and downwards on the wall. Two crystal glass elements enhance the high-precision housings made of cast aluminium and lend them their distinctive character.

Various finishes, light outputs and dimensions let you coordinate the luminaires with the respective room and lighting situation.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



White enamel finish
Code number .1



Palladium enamel finish
Code number .4



LED wall luminaires

Lighting technology: Luminaires for light in two directions
Colour temperature 3000K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Crystal glass, inside white

Finish: White or palladium enamel



LED wall luminaires - White enamel

	LED	PSU	EEC	A	B	C
12277.1	10.7 W	590 lm	On/off	A++	200	60 110
12278.1	15.7 W	895 lm	On/off	A++	300	60 110

LED wall luminaires - Palladium enamel

	LED	PSU	EEC	A	B	C
12277.4	10.7 W	590 lm	On/off	A++	200	60 110
12278.4	15.7 W	895 lm	On/off	A++	300	60 110



Unshielded LED wall luminaires

Unshielded LED wall luminaires in various sizes. Open wall luminaires with rectangular glass cross-section and fascinating light graphics.

Hand-blown luminaire glass made of three-ply opal glass transforms these luminaires into elegant elements of interior design. And as solid and reliable lighting tools they will provide very cost-effective service over long operating periods.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



LED wall luminaires

Lighting technology: Luminaires with unshielded light
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Material: Luminaire fitting made of metal
 Satin matt hand-blown opal glass

Finish: Matt aluminium



Matt aluminium



	LED	PSU	EEC	A	B	C	D
50 137.2	12.0 W	880 lm	AC module	A++	100	175	90 35
50 138.2	15.0 W	1115 lm	on/off	A++	100	290	115 35
50 139.2	19.0 W	1570 lm	DALI	A++	100	425	115 35
50 140.2	22.8 W	1840 lm	DALI	A++	100	560	115 35



Unshielded LED wall luminaire

A luminaire with pleasant and impressive light graphics. Almost invisible glass supports hold the satin matt hand-blown opal glass. These are high-quality luminaires with a pleasantly soft light distribution for the highest light quality indoors. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

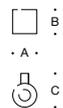


LED wall luminaire

Lighting technology: Luminaire with unshielded light
 Colour temperature 3000 K,
 corresponds to warm white
 Article number + **K3**

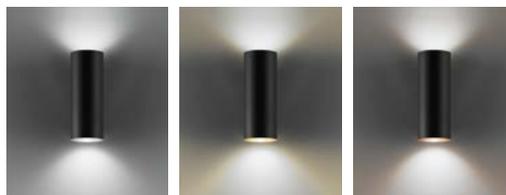
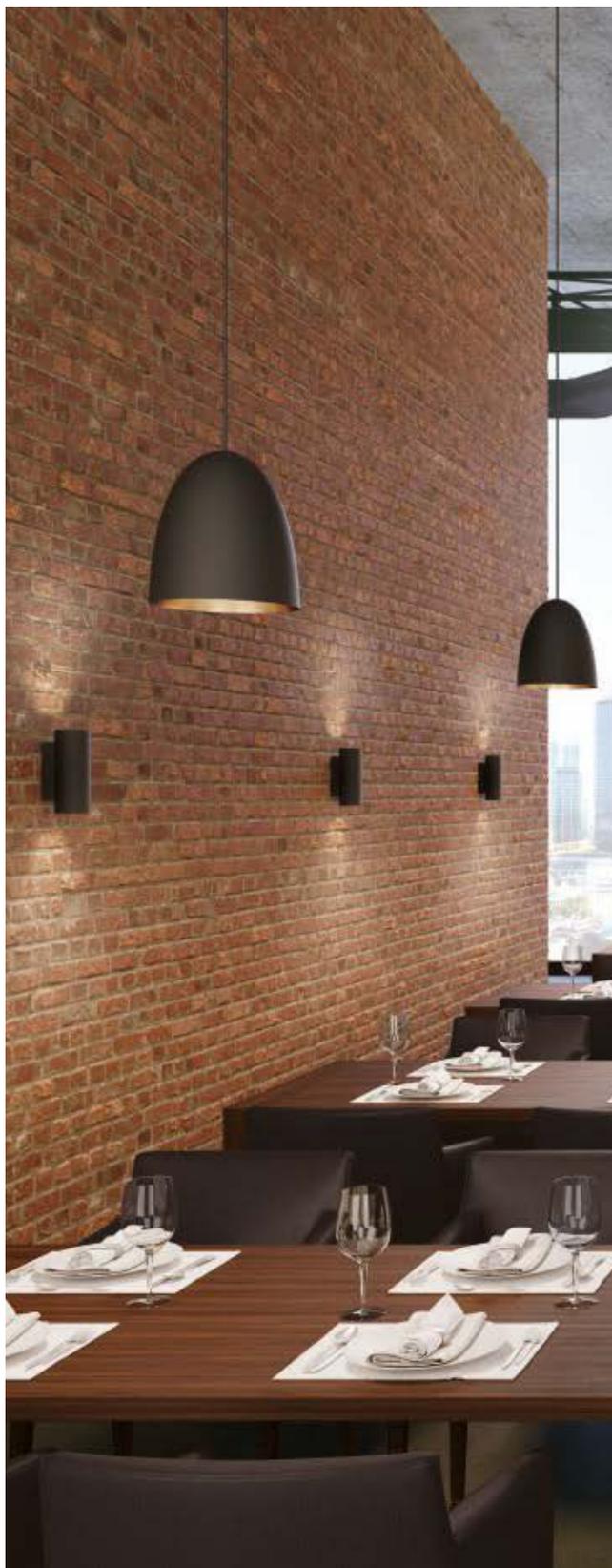
Material: Luminaire fitting made of metal
 Satin matt hand-blown opal glass

Finish: Stainless steel



Satin matt hand-blown opal glass
 Luminaire fitting
 Stainless steel finish

	LED	PSU	EEC	A	B	C
50 066.2	12 W	980 lm	AC module	A++	140	170 170



Depending on the surface colour on the inside of these luminaires, the result is light with a neutral or warm colour temperature.

STUDIO LINE
LED wall luminaires
Bidirectional light

These LED wall luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE
LED wall luminaires

Lighting technology: Luminaires for light in two directions
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
Reflector made of pure anodised aluminium

Finish: Enamel optionally in velvet black or velvet white
Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



Wall luminaires · Interior colour in matt aluminium

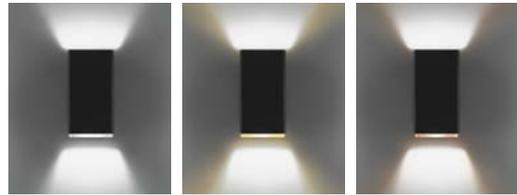
Velvet black	Velvet white	LED	PSU	EEC	A	B	C
50 130.2	50 347.2	12 W 380 lm	AC module	A++	80	210	110
50 212.2	50 348.2	16 W 595 lm	AC module	A++	100	250	130

Wall luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	C
50 130.4	50 347.4	12 W 300 lm	AC module	A++	80	210	110
50 212.4	50 348.4	16 W 425 lm	AC module	A++	100	250	130

Wall luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	C
50 130.6	50 347.6	12 W 270 lm	AC module	A++	80	210	110
50 212.6	50 348.6	16 W 380 lm	AC module	A++	100	250	130



Depending on the surface colour on the inside of these luminaires, the result is light with a neutral or warm colour temperature.

STUDIO LINE
LED wall luminaires
Bidirectional light

These LED wall luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



STUDIO LINE
LED wall luminaires

Lighting technology: Luminaires for light in two directions
Colour temperature 3000 K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
Reflector made of pure anodised aluminium

Finish: Enamel optionally in velvet black or velvet white
Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



Wall luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B	C
50 213.2	50 349.2	12 W 370 lm	AC module	A++	100	180	90
50 214.2	50 350.2	16 W 485 lm	AC module	A++	120	220	90

Wall luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	C
50 213.4	50 349.4	12 W 295 lm	AC module	A++	100	180	90
50 214.4	50 350.4	16 W 480 lm	AC module	A++	120	220	90

Wall luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	C
50 213.6	50 349.6	12 W 265 lm	AC module	A++	100	180	90
50 214.6	50 350.6	16 W 430 lm	AC module	A++	120	220	90



LED pendant luminaires · Downlights Wide beam light distribution

LED pendant luminaires · Downlights in various sizes and finishes with wide beam light distribution. These luminaires feature thick-walled, handcrafted, partially frosted crystal glass with impressive and multi-faceted light graphics. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. We can supply these downlights in different sizes and light outputs. These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy



Partially frosted crystal glass



LED pendant luminaires · Downlights

Lighting technology: Luminaires with wide beam light distribution
 Colour temperature 3000K, corresponds to warm white
 Article number + **K3**

Material: Luminaire housing made of cast aluminium
 Partially frosted crystal glass
 Reflector made of pure anodised aluminium

Finish: Velvet white enamel or stainless steel

Velvet white enamel finish
 Code number .1
 White cable pendant



S/steel · Code number .2
 Black cable pendant



Velvet white enamel finish · White cable pendant

	LED	PSU	EEC	A	B	L
50612.1	9.7 W	765 lm	On/off	A++	120 130	2000
50613.1	13.5 W	955 lm	DALI	A++	135 145	3000
50614.1	20.0 W	1700 lm	DALI	A++	180 175	3000

Stainless steel · Black cable pendant

	LED	PSU	EEC	A	B	L
50612.2	9.7 W	765 lm	On/off	A++	120 130	2000
50613.2	13.5 W	955 lm	DALI	A++	135 145	3000
50614.2	20.0 W	1700 lm	DALI	A++	180 175	3000



LED pendant luminaires · Downlights Wide beam light distribution

LED pendant luminaires · Downlights with hand-blown three-ply opal glass and wide beam light distribution. Luminaires in various sizes and finishes. They combine our glass-making skills with efficient lighting technology in luminaires of noble charm. Comfortable light for illumination in rows or in groups.

Several luminaires can be combined in a group at one installation point for the illumination of staircases or high spaces. In this case, we supply the individual luminaires with the required length of cable and a ceiling distributor designed to carry 2 to 6 luminaires.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy in luminaire colour

Velvet white enamel finish
Code number .1
White cable pendant



S/steel · Code number .2
Black cable pendant



Velvet black enamel finish
Code number .5
Black cable pendant



LED pendant luminaires · Downlights

Lighting technology: Luminaires with wide beam light distribution
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of aluminium
Satin matt opal glass
Reflector made of pure anodised aluminium

Finish: Velvet white enamel, stainless steel or
velvet black enamel

Velvet white enamel finish · White cable pendant

	LED	PSU	EEC	A	B	L
50 638.1	9.7 W	920 lm	On/off	A++	120	165 2000
50 639.1	13.5 W	1150 lm	DALI	A++	135	185 3000
50 640.1	20.0 W	2040 lm	DALI	A++	180	230 3000

Stainless steel · Black cable pendant

	LED	PSU	EEC	A	B	L
50 638.2	9.7 W	920 lm	On/off	A++	120	165 2000
50 639.2	13.5 W	1150 lm	DALI	A++	135	185 3000
50 640.2	20.0 W	2040 lm	DALI	A++	180	230 3000

Velvet black enamel finish · Black cable pendant

	LED	PSU	EEC	A	B	L
50 638.5	9.7 W	920 lm	On/off	A++	120	165 2000
50 639.5	13.5 W	1150 lm	DALI	A++	135	185 3000
50 640.5	20.0 W	2040 lm	DALI	A++	180	230 3000



LED pendant luminaires · Downlights

LED luminaires with thick-walled crystal glass and cast luminaire housings. Pendant luminaires with anodised reflectors made of pure aluminium for downward-directed and efficient illumination. The partial matt finish on the inside of the valuable crystal glass results in optimum glare suppression with high visual comfort in spite of the high degree of illuminance.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.





Canopy in luminaire colour

Luminaire housing finish and canopy options:

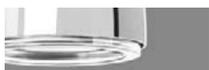
White enamel finish
Code number .1



S/steel · Code number .2



Chrome · Code number .3



LED pendant luminaires · Downlights

Lighting technology: Luminaires with directed light distribution
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of cast aluminium
Reflector made of pure anodised aluminium · Partially frosted crystal glass · Transparent connecting cable

Finish: White enamel, stainless steel or chrome



LED pendant luminaires · **White enamel finish**

	LED		PSU	EEC	A	B	L
56 538.1	4.3 W	215 lm	On/off	A++	95	125	1500
50 700.1	13.7 W	1185 lm	DALI	A++	135	180	2000
50 701.1	20.0 W	1670 lm	DALI	A++	155	220	2000

LED pendant luminaires · **Stainless steel**

	LED		PSU	EEC	A	B	L
56 538.2	4.3 W	215 lm	On/off	A++	95	125	1500
50 700.2	13.7 W	1185 lm	DALI	A++	135	180	2000
50 701.2	20.0 W	1670 lm	DALI	A++	155	220	2000

LED pendant luminaires · **Chrome**

	LED		PSU	EEC	A	B	L
56 538.3	4.3 W	215 lm	On/off	A++	95	125	1500
50 700.3	13.7 W	1185 lm	DALI	A++	135	180	2000
50 701.3	20.0 W	1670 lm	DALI	A++	155	220	2000



STUDIO LINE

Shielded LED pendant luminaires

These LED pendant luminaires belong to the luminaire series STUDIO LINE. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

Shielded to the outside, the light of these pendant luminaires is directed downwards by hand-blown three-ply opal glass inside the metal reflector to provide a pleasantly soft lighting atmosphere with high visual comfort.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

Internal hand-blown opal glass





Canopy and cable pendant
in luminaire colour

STUDIO LINE
LED pendant luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
Hand-blown opal glass

Finish: Enamel optionally in velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper

Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED pendant luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
56 614.2	50 354.2	11.4 W 520 lm	On/off	A++	145	170	1500
56 615.2	50 355.2	15.5 W 910 lm	DALI	A++	200	225	2000
56 616.2	50 356.2	21.6 W 1250 lm	DALI	A++	255	290	3000

LED pendant luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
56 614.4	50 354.4	11.4 W 390 lm	On/off	A++	145	170	1500
56 615.4	50 355.4	15.5 W 755 lm	DALI	A++	200	225	2000
56 616.4	50 356.4	21.6 W 1005 lm	DALI	A++	255	290	3000

LED pendant luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
56 614.6	50 354.6	11.4 W 365 lm	On/off	A++	145	170	1500
56 615.6	50 355.6	15.5 W 635 lm	DALI	A++	200	225	2000
56 616.6	50 356.6	21.6 W 770 lm	DALI	A++	255	290	3000



STUDIO LINE

Shielded LED pendant luminaires

These LED pendant luminaires belong to the luminaire series STUDIO LINE.

These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light directed downwards from these pendant luminaires is shielded to the outside by a cylindrical luminaire housing.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.

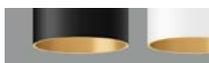


Canopy and connecting cable in luminaire colour

Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



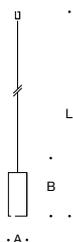
STUDIO LINE LED pendant luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



LED pendant luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 244.2	50 357.2	9.0 W 390 lm	On/off	A++	80	190	1500
50 245.2	50 358.2	15.2 W 600 lm	On/off	A+	100	250	1700

LED pendant luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 244.4	50 357.4	9.0 W 355 lm	On/off	A++	80	190	1500
50 245.4	50 358.4	15.2 W 400 lm	On/off	A+	100	250	1700

LED pendant luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 244.6	50 357.6	9.0 W 320 lm	On/off	A++	80	190	1500
50 245.6	50 358.6	15.2 W 385 lm	On/off	A+	100	250	1700



STUDIO LINE

Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay.

We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet white or velvet black exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these pendant luminaires is shielded to the outside by a cylindrical luminaire housing.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy and connecting cable
in luminaire colour

Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



STUDIO LINE LED pendant luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000 K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



LED pendant luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 420.2	50 422.2	9.0 W 420 lm	On/off	A++	50	400	2000
50 421.2	50 423.2	12.4 W 460 lm	On/off	A++	60	500	2000

LED pendant luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 420.4	50 422.4	9.0 W 335 lm	On/off	A++	50	400	2000
50 421.4	50 423.4	12.4 W 405 lm	On/off	A++	60	500	2000

LED pendant luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 420.6	50 422.6	9.0 W 255 lm	On/off	A++	50	400	2000
50 421.6	50 423.6	12.4 W 320 lm	On/off	A++	60	500	2000



STUDIO LINE

Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light from these pendant luminaires is shielded to the outside.

It is directed downwards inside the luminaire housing to provide a pleasantly soft lighting atmosphere with high visual comfort.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy, cable pendant and rod suspension in luminaire colour

STUDIO LINE
LED pendant luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white
White synthetic cover
Canopy, cable pendant and rod suspension in luminaire colour

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper

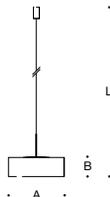
Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED pendant luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 246.2	50 351.2	16.0 W 690 lm	On/off	A++	260	105	1750
50 247.2	50 352.2	31.0 W 1640 lm	DALI	A++	360	120	2000
50 248.2	50 353.2	48.5 W 2525 lm	DALI	A++	430	145	2000

LED pendant luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 246.4	50 351.4	16.0 W 630 lm	On/off	A++	260	105	1750
50 247.4	50 352.4	31.0 W 1510 lm	DALI	A++	360	120	2000
50 248.4	50 353.4	48.5 W 2210 lm	DALI	A++	430	145	2000

LED pendant luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 246.6	50 351.6	16.0 W 570 lm	On/off	A++	260	105	1750
50 247.6	50 352.6	31.0 W 1310 lm	DALI	A++	360	120	2000
50 248.6	50 353.6	48.5 W 2005 lm	DALI	A++	430	145	2000



STUDIO LINE

Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour.

Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty.

The light from these pendant luminaires is shielded to the outside. It is directed downwards inside the luminaire housing to provide a pleasantly soft lighting atmosphere with high visual comfort.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy and cable pendant
in luminaire colour

STUDIO LINE
LED pendant luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white
White synthetic cover
Canopy and cable pendant in luminaire colour

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper

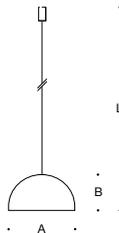
Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



LED pendant luminaires · Interior colour in matt aluminium

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 501.2	50 547.2	16.0 W 710 lm	On/off	A++	350	175	2000
50 502.2	50 548.2	31.0 W 1650 lm	DALI	A++	450	225	2000
50 503.2	50 549.2	48.0 W 2620 lm	DALI	A++	600	300	2000

LED pendant luminaires · Interior colour in matt brass

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 501.4	50 547.4	16.0 W 650 lm	On/off	A++	350	175	2000
50 502.4	50 548.4	31.0 W 1425 lm	DALI	A++	450	225	2000
50 503.4	50 549.4	48.0 W 2410 lm	DALI	A++	600	300	2000

LED pendant luminaires · Interior colour in matt copper

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 501.6	50 547.6	16.0 W 560 lm	On/off	A++	350	175	2000
50 502.6	50 548.6	31.0 W 1235 lm	DALI	A++	450	225	2000
50 503.6	50 549.6	48.0 W 2080 lm	DALI	A++	600	300	2000



STUDIO LINE Shielded LED pendant luminaires

These LED pendant luminaires come in various sizes and belong to the STUDIO LINE series. These luminaires combine our economical and reliable LED technology with various metallic enamels for a fascinating interplay. We offer these luminaires in six colour combinations to match your interior – you can choose between a velvet black or velvet white exterior finish and between aluminium, copper or brass as the interior colour. Particularly when illuminated, the metallic interior colours contrast with the exterior finish to reveal all their beauty. The light directed downwards from these pendant luminaires is shielded to the outside by a cylindrical luminaire housing. Part of the light is emitted upwards and softly highlights the exterior finish of the upper luminaire cylinder.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules. The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Part of the light is emitted upwards and softly highlights the exterior finish of the upper luminaire cylinder.



Canopy and cable pendant
in luminaire colour

Interior colour in matt aluminium
Code number .2



Interior colour in matt brass
Code number .4



Interior colour in matt copper
Code number .6



STUDIO LINE LED pendant luminaires

Lighting technology: Luminaires with shielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal

Finish: Enamel optionally in velvet black or velvet white

Interior colour available in the 3 finishes:
matt aluminium · matt brass · matt copper



Pendant luminaires · Interior colour in **matt aluminium**

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 586.2	50 584.2	17.9 W 880 lm	On/off	A++	100	330	2000
50 587.2	50 585.2	27.8 W 1845 lm	DALI	A++	140	450	2000

Pendant luminaires · Interior colour in **matt brass**

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 586.4	50 584.4	17.9 W 740 lm	On/off	A++	100	330	2000
50 587.4	50 585.4	27.8 W 1550 lm	DALI	A++	140	450	2000

Pendant luminaires · Interior colour in **matt copper**

Velvet black	Velvet white	LED	PSU	EEC	A	B	L
50 586.6	50 584.6	17.9 W 670 lm	On/off	A++	100	330	2000
50 587.6	50 585.6	27.8 W 1400 lm	DALI	A++	140	450	2000



DUOLOGIC
Part of the light exits from the top of the metal shield, illuminating the area above the luminaire and increasing visual comfort.

LED pendant luminaires

Being able to fall back on our own LED and glass production when new ideas are being implemented has always been a major advantage for us. This allowed us to develop a special LED module just for this line and then to uniquely combine it with our own glass to produce a glass with two different light intensities. We call this glass Duologic.

The maximum luminous intensity of the LED is guided downward through the glass directly onto the surface to be illuminated, achieving the maximum possible brightness. The second brightness zone is directed upwards and emphasises the lower edge of the glass. A metal shield also ensures perfect lateral glare suppression. Luminaires for many lighting applications above tables or counters.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy in luminaire colour

Luminaire housing finish and canopy options:

White enamel finish
Code number .1



S/steel · Code number .2



Chrome · Code number .3



Velvet black enamel
Code number .5



LED pendant luminaires

Lighting technology: Luminaires with unshielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
DUOLOGIC opal glass
Black cable pendant

Finish: Metal housing, rod suspension and canopy available with a choice of 4 finishes: white enamel, stainless steel, chrome or velvet black enamel



LED pendant luminaires · White enamel finish

	LED	PSU	EEC	A	B	L
50 702.1	7.4 W	450 lm	On/off	A++	160	55 1500
50 703.1	16.3 W	1245 lm	DALI	A++	210	55 2000
50 704.1	20.8 W	1640 lm	DALI	A++	260	60 2000

LED pendant luminaires · Stainless steel

	LED	PSU	EEC	A	B	L
50 702.2	7.4 W	450 lm	On/off	A++	160	55 1500
50 703.2	16.3 W	1245 lm	DALI	A++	210	55 2000
50 704.2	20.8 W	1640 lm	DALI	A++	260	60 2000

LED pendant luminaires · Chrome

	LED	PSU	EEC	A	B	L
50 702.3	7.4 W	450 lm	On/off	A++	160	55 1500
50 703.3	16.3 W	1245 lm	DALI	A++	210	55 2000
50 704.3	20.8 W	1640 lm	DALI	A++	260	60 2000

LED pendant luminaires · Velvet black enamel

	LED	PSU	EEC	A	B	L
50 702.5	7.4 W	450 lm	On/off	A++	160	55 1500
50 703.5	16.3 W	1245 lm	DALI	A++	210	55 2000
50 704.5	20.8 W	1640 lm	DALI	A++	260	60 2000



DUOLOGIC
Part of the light exits from the top of the metal shield, illuminating the area above the luminaire and increasing visual comfort.

LED pendant luminaires

Being able to fall back on our own LED and glass production when new ideas are being implemented has always been a major advantage for us. This allowed us to develop a special LED module just for this line and then to uniquely combine it with our own glass to produce a glass with two different light intensities. We call this glass Duologic.

The maximum luminous intensity of the LED is guided downward through the glass directly onto the surface to be illuminated, achieving the maximum possible brightness.

The second brightness zone is directed upwards onto the outer surface of the glass. The outer glass surface has a pleasant luminance with high visual comfort. Luminaires for many lighting applications above tables or counters.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress.

On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy in luminaire colour

Luminaire housing finish and canopy options:

White enamel finish
Code number .1



S/steel - Code number .2



Chrome - Code number .3



LED pendant luminaires

Lighting technology: Luminaires with unshielded light
Colour temperature 3000 K,
corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
DUOLOGIC opal glass
Black cable pendant

Finish: Metal housing, rod suspension and canopy
available with a choice of 3 finishes:
white enamel, stainless steel or chrome



LED pendant luminaires - White enamel finish

	LED	PSU	EEC	A	B	L
50 707.1	7.4 W	525 lm	On/off	A++	160	140 1500
50 708.1	16.3 W	940 lm	DALI	A++	180	155 2000

LED pendant luminaires - Stainless steel

	LED	PSU	EEC	A	B	L
50 707.2	7.4 W	525 lm	On/off	A++	160	140 1500
50 708.2	16.3 W	940 lm	DALI	A++	180	155 2000

LED pendant luminaires - Chrome

	LED	PSU	EEC	A	B	L
50 707.3	7.4 W	525 lm	On/off	A++	160	140 1500
50 708.3	16.3 W	940 lm	DALI	A++	180	155 2000



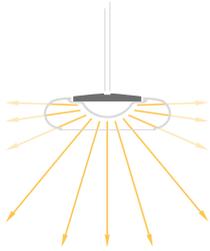
DUOLOGIC
Part of the light exits from the top of the metal shield, illuminating the area above the luminaire and increasing visual comfort.

LED pendant luminaires

Being able to fall back on our own LED and glass production when new ideas are being implemented has always been a major advantage for us. This allowed us to develop a special LED module just for this line and then to uniquely combine it with our own glass to produce a glass with two different light intensities. We call this glass Duologic. The maximum luminous intensity of the LED is guided downward through the glass directly onto the surface to be illuminated, achieving the maximum possible brightness. The second brightness zone is directed upwards onto the outer surface of the glass. The outer glass surface has a pleasant luminance with high visual comfort. Luminaires for many lighting applications above tables and counters.

These are luminaires which will impress you through a minimum LED service life of 50 000 hours and 20 years' availability guarantee for the LED modules.

The luminaire luminous flux and the luminaire connected wattage quoted in the table might change as a result of technical progress. On our website you will find data sheets with information on each luminaire concerning not only the current values but also the LED service life and the luminous flux.



Canopy in luminaire colour

Metal housing finish and canopy options:

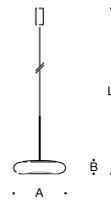
White enamel finish
Code number .1



S/steel · Code number .2



Chrome · Code number .3



LED pendant luminaires

Lighting technology: Luminaires with unshielded light
Colour temperature 3000K, corresponds to warm white
Article number + **K3**

Material: Luminaire housing made of metal
DUOLOGIC opal glass
Black cable pendant

Finish: Metal housing, rod suspension and canopy
available with a choice of 3 finishes:
white enamel, stainless steel or chrome

LED pendant luminaires · White enamel finish

	LED	PSU	EEC	A	B	L
50 705.1	16.3 W	1275 lm	DALI	A++	250	70 2000
50 706.1	20.8 W	1725 lm	DALI	A++	330	80 2000

LED pendant luminaires · Stainless steel

	LED	PSU	EEC	A	B	L
50 705.2	16.3 W	1275 lm	DALI	A++	250	70 2000
50 706.2	20.8 W	1725 lm	DALI	A++	330	80 2000

LED pendant luminaires · Chrome

	LED	PSU	EEC	A	B	L
50 705.3	16.3 W	1275 lm	DALI	A++	250	70 2000
50 706.3	20.8 W	1725 lm	DALI	A++	330	80 2000



LED information about service life, replacement modules, luminous efficiency and operating costs

From our decades of experience, we know the high demands on quality which our outdoor luminaires in particular are expected to meet. We face this challenge through continuous improvement. Accordingly, our luminaires have been setting standards in terms of lighting technology, design, material quality and workmanship for many years now.

The ageing of electronic components, and particularly LED, depends on the operating temperatures. High component temperatures shorten the anticipated service life. During development, therefore, thermo-management represents a great challenge.

By using components of the highest quality and making design-related changes, favourable temperature conditions are possible and the LED service life can be extended significantly. We have taken a decidedly conservative approach to temperature control, which means that values remain far below the maximum temperatures for LED modules.

Since all of the LED components are developed and manufactured in-house, all quality parameters can be monitored. This advantage is also particularly evident when it comes to the procurement of replacement modules. LED modules are often an integrative part of luminaires, which is why it is generally difficult or even impossible to procure replacement modules. As a responsible manufacturer, we have come up with a solution to this problem for our customers and ensure the availability of LED modules up to 20 years after an LED luminaire is purchased. An exact designation of the integral LED module in the luminaire provides the necessary details. In this way, we ensure the long-term, economic operation of the LED luminaires we have manufactured.

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. On our website you will find data sheets for each luminaire with information on the LED service life in relation to the relevant colour temperature and ambient temperature.

The light colour is defined by the colour temperature, which is specified in Kelvin (K). The luminaires in this brochure are available in 3000K, which corresponds to a warm white light colour and produces a pleasant light.

The luminous efficiency of LED is significantly higher compared to other lamps. Comparing the luminous efficiency of a 4.4 watt LED with a 60 watt general service lamp, we need approx. 7 percent of the connected wattage for the same quantity of light.

The operating costs for the minimum service life of 50 000 hours of this 4.4 W LED based on 0.30 €/kWh are less than one fourteenth of those of the general service lamp.

This works out at approx. € 66 for the LED and around € 900 for the 60 W general service lamp – the costs for replacing the conventional light bulb with its service life of approx. just 1000 hours are not even taken into account.

The 50 000 operating hours correspond to a service life of approx. 20 years when operated for seven hours a day.

BEGA AC module

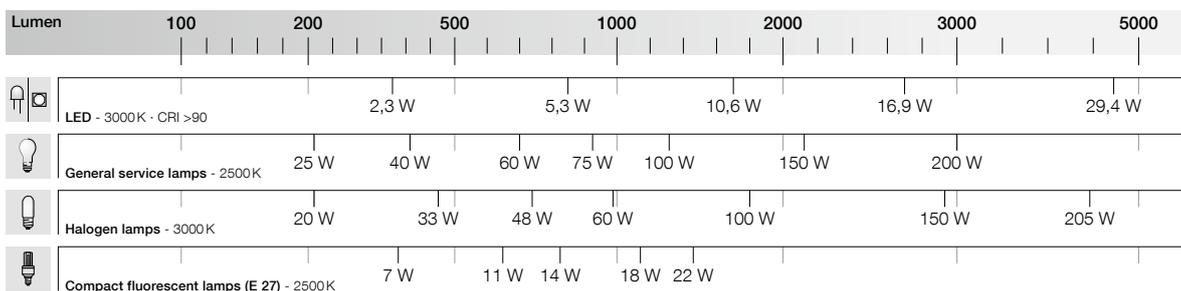
We have developed a space-saving power supply module specifically for BEGA luminaires whose structural installation space does not allow the installation of an LED module and separate power supply unit. The BEGA AC module is connected directly to the 230V mains voltage and has a colour temperature of 3000K and a colour rendering index (CRI) > 80.

BEGA AC modules can be dimmed with most modern phase dimmers from brand manufacturers.



Light output

The following diagram enables the luminous efficiency of LED to be compared with that of conventional lamps (last revised: January 2018).



LED Lamps

Some of our luminaires are equipped with a conventional lamp base in E 14 or E 27 format. For these luminaires, we offer a selection of long-lasting, energy-saving LED lamps in switchable or dimmable versions. LED lamps consume significantly less energy than conventional lamps, have a considerably longer life, and require much lower operating costs. In addition, there is no switch-on delay and they withstand frequent switching on and off. BEGA LED lamps provide an impressive minimum service life of 15 000 hours and are available with a light colour of 2700 Kelvin and a CRI > 80. They are designed for an ambient temperature from +40 to -20°C.

Furthermore, our LED lamps are also available in a radio-controlled version. Thanks to the Zigbee standard used, these LED lamps can be effortlessly integrated into a smart home system or Zigbee-controlled building management system and are optionally available in tunable white or RGBW versions.

The data quoted in the table might change as a result of technical progress. Information concerning the current values is always provided in the data sheets on our website.



LED lamps for E 14 base											
	LED			Dimmable		Colour temperature	Service life	On/off	EEC	A	B
13 549	4.0 W	470 lm	Clear	No		2700K	15 000 h	> 100 000 x	A++	35	98
13 553	5.0 W	470 lm	Clear	Yes		2700K	15 000 h	> 100 000 x	A+	35	120
13 552	4.0 W	470 lm	Matt	No		2700K	15 000 h	> 100 000 x	A++	35	98
13 554	5.0 W	470 lm	Matt	Yes		2700K	15 000 h	> 100 000 x	A+	35	120

LED lamps for E 14 base · Zigbee											
	LED			Controllable		Colour temperature	Service life	On/off	EEC	A	B
13 558	5.3 W	470 lm	Matt	Yes		2700K	25 000 h	> 30 000 x	A+	38	110
13 559	5.8 W	470 lm	Matt	Yes · Tunable white		2700 - 6500K	25 000 h	> 30 000 x	A+	38	110



LED lamps for E 27 base											
	LED			Dimmable		Colour temperature	Service life	On/off	EEC	A	B
13 509	7.0 W	805 lm	Clear	No		2700K	15 000 h	> 100 000 x	A++	60	105
13 511	8.0 W	1055 lm	Clear	No		2700K	15 000 h	> 100 000 x	A++	67	112
13 562	12.0 W	1520 lm	Clear	No		2700K	15 000 h	> 100 000 x	A++	67	118
13 547	7.0 W	805 lm	Clear	Yes		2700K	15 000 h	> 100 000 x	A++	60	105
13 563	12.0 W	1520 lm	Clear	Yes		2700K	15 000 h	> 100 000 x	A++	67	118
13 510	7.0 W	805 lm	Matt	No		2700K	15 000 h	> 100 000 x	A++	60	105
13 512	8.0 W	1055 lm	Matt	No		2700K	15 000 h	> 100 000 x	A++	67	112
13 564	12.0 W	1400 lm	Matt	No		2700K	15 000 h	> 100 000 x	A+	67	118
13 548	7.0 W	805 lm	Matt	Yes		2700K	15 000 h	> 100 000 x	A++	60	105
13 565	12.0 W	1400 lm	Matt	Yes		2700K	15 000 h	> 100 000 x	A+	67	118

LED lamps for E 27 base · Zigbee											
	LED			Controllable		Colour temperature	Service life	On/off	EEC	A	B
13 555	9.0 W	805 lm	Matt	Yes		2700K	25 000 h	> 30 000 x	A+	60	120
13 556	9.0 W	805 lm	Matt	Yes · Tunable white		2700 - 6500K	25 000 h	> 30 000 x	A+	60	120
13 557	9.5 W	805 lm	Matt	Yes · Tunable white · RGBW		2700 - 6500K	25 000 h	> 30 000 x	A+	60	120



Foot with **anchorage unit**



Foot with **screw-on base**

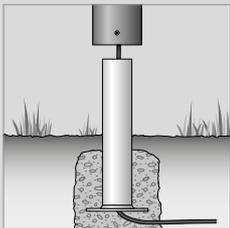
Mounting options for garden and pathway luminaires

The garden and pathway luminaires shown in this brochure are particularly suitable for illuminating private outdoor spaces. Most of these luminaires are supplied for two types of mounting. For these luminaires you can select between:

- Luminaires with an anchorage unit made of hot-dip galvanised steel for mounting the luminaires e.g. in a flowerbed or in an uncompacted surface.
- Luminaires with screw-on base made of hot-dip galvanised steel for mounting the luminaires e.g. on foundations provided by the customer or on another paved surface.

An anchorage unit as well as a screw-on base and line connector are supplied with these luminaires and are included in the price. At the bottom of this page, you will find distribution boxes for connecting the luminaires.

For the luminaires on Pages 66 to 83 and 88 to 89, please order the anchorage unit separately as an accessory if required.



Anchorage unit

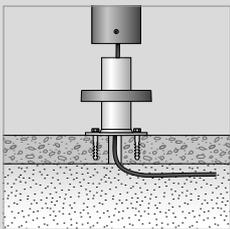
For mounting the luminaires in a flowerbed or an unpaved surface, for example.

The anchorage unit made of hot-dip galvanised steel is included in the scope of delivery of the luminaire.

With this type of installation, an underground cable NYY-J3x2.5[□] is routed 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.

If through-wiring to a further luminaire is required, we recommend using distribution box 70 730 · 71 053 (see below).



Screw-on base

For mounting the luminaires on foundations provided by the customer or on another paved surface, for example. The screw-on base made of hot-dip galvanised steel is included in the scope of delivery of the luminaire. With this type of installation, an underground cable NYY-J3x2.5[□] is passed 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.

If through-wiring to a further luminaire is required, we recommend using distribution box 70 730 · 71 053 (see below).



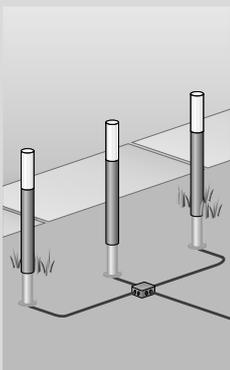
Distribution box for installation in soil

For the installation of two to six BEGA garden and pathway luminaires and for BEGA connecting pillars, we can supply a through-wiring distribution box for waterproof placement in soil. The distribution box enables a junction to be laid from the supply line to the luminaires. When the electrical connection has been made, the distribution box must be filled with the supplied gel and must then be sealed.

Installation: 70 730 · 7 cable entries · Connection terminal 5x4[□]
71 053 · 10 cable entries · Connection terminal 6x16[□]

Protection class: IP 68 · Safety class II

Material: Housing made of synthetic material · Gel cartridge with nozzle



· A · · B ·



		A	B	C
70 730	Distribution box · 7 cable entries	95	95	55
71 053	Distribution box · 10 cable entries	150	115	55

Power supply units for LED luminaires

On this page you will find matching power supply units for operating the recessed ceiling and recessed wall luminaires presented in this brochure.

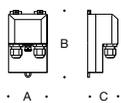
The article numbers of the matching power supply units for the recessed ceiling luminaires can be found on the product pages of the respective luminaires. Choose the units to match your system from among 1-10 V dimmable and DALI controllable power supply units. If you do not want to dim your lighting system, both types of power supply unit are also suitable for on/off operation.

When choosing the power supply units for recessed wall luminaires, make sure that the connected wattage of the power supply unit is not exceeded. Please pay attention to the technical data in the instructions for use issued for the luminaires on our website.

Power supply units for the LED recessed ceiling luminaires on Pages 20 and 25

Protection class IP 65 · Input voltage: 220 - 240 V · 0/50 - 60 Hz

Housing made of glass fibre reinforced synthetic material and stainless steel · Colour graphite

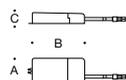


		Current	Output	A	B	C
10510	PSU · dimmable 1-10V	350 mA	7-20 W	76	134	73
10527	PSU · dimmable 1-10V	500 mA	10-28.5 W	76	134	73
10520	Power supply unit · DALI	350 mA	3.5-21 W	76	134	73
10528	Power supply unit · DALI	500 mA	5-30 W	76	134	73

Power supply units for the LED recessed ceiling luminaires on Pages 138 · 146 · 154 · 156

Protection class IP 20 · Input voltage: 220 - 240 V · 0/50 - 60 Hz

The power supply units have a plug connector to the luminaire and a 5-pin connector (13 089). A 5-pin connecting jack (13 088) for connecting the power supply unit to the customer's supply line is included in the scope of delivery.



		Current	Output	A	B	C
13198	PSU · On/off	180 mA	Max. 7.4 W	34	115	19
13144	PSU · On/off	350 mA	Max. 19.0 W	53	119	22
13196	PSU · On/off	400 mA	Max. 20.0 W	53	119	22
13199	PSU · DALI	180 mA	Max. 9.5 W	53	119	22
13169	PSU · DALI	350 mA	Max. 15.0 W	53	119	22
13197	PSU · DALI	400 mA	Max. 19.0 W	53	119	22

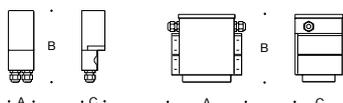
Power supply units for the LED recessed wall luminaires on Page 64

Safety transformers in accordance with EN 61558/VDE 0570 Parts 2 - 6

Protection class IP 65 · Safety class II

Input voltage: 230 V · 50 - 60 Hz · Output voltage: 24 V DC

Version encapsulated in cast resin · Colour graphite



		Output	A	B	C
70564	PSU for LED luminaires 24 V DC	0 - 15 W	55	215	50
70465	PSU for LED luminaires 24 V DC	0 - 25 W	55	215	50
70565	PSU for LED luminaires 24 V DC	0 - 35 W	55	215	50
70566	PSU for LED luminaires 24 V DC	0 - 50 W	155	125	90
70567	PSU for LED luminaires 24 V DC	0 - 75 W	155	125	90
70169	PSU for LED luminaires 24 V DC	0 - 150 W	180	175	110



Installation housings, plaster frames und installation frames

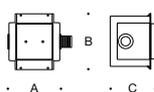
When making the recessed opening, it might be practical to use an installation housing.

This overview shows the form and dimensions of our installation housings.

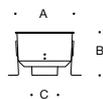
They are specially adapted to BEGA luminaires and allow technically perfect installation in ceilings, walls or floors.

Plaster frames should be used when luminaires are installed in brickwork or concrete walls that will later be plastered. The tables on this page show the matching plaster frames.

You can find instructions for use with all installation dimensions as well as material descriptions for all installation housings and plaster frames on our website at www.bega.com.



		A	B	C
13 500	Installation housing	155	165	135
13 501	Installation housing	195	260	155



		A	B	C
10 407	Installation housing	∅ 170	127	∅ 71
10 440	Installation housing	∅ 200	170	∅ 97
10 441	Installation housing	∅ 240	200	∅ 128

Installation housings for the LED recessed ceiling luminaires on Page 24

Install. housings and plaster frames for the LED recessed wall luminaires on Page 64



10 415



10 015



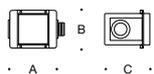
		A	B	
10 415	Installation housing	∅ 80	105	10 015 Plaster frame



10 406



10 006

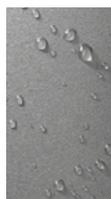


		A	B	C	
10 406	Installation housing	120	90	110	10 006 Plaster frame

Electrical safety and protection class

Our luminaires are designed and manufactured on the basis of the EN 60 598/VDE 0711 regulations and are subject to continuous production monitoring and quality inspection. The protection class according to EN 60 598 classifies the operational safety of luminaires. It is expressed by two digits of the IP code (Ingress Protection). The first digit stands for the resistance to solid bodies and dust. The second digit defines the tightness against water and moisture. All products comply with the regulations concerning outdoor suitability. Special product features are labelled with the corresponding protection class.

The special characteristics listed in this brochure comply with the following classifications:



IP 44	Protected against ingress of solid objects ≥ 1 mm Protected against splashing water
IP 64	Dust-tight · Protected against splashing water
IP 65	Dust-tight · Protected against water jets
IP 67	Dust-tight · Protected against occasional immersion
IP 68	Dust-tight · Protected against complete, continuous immersion

Energy efficiency of the lamps

You can find information (in accordance with EU regulation 874/2012) about the energy efficiency of our luminaires in the tables throughout this catalogue and on our website. All information is based on the scale A++ - E.



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