

INDOOR | OFFICE | RETAIL | GENERAL



PERFORMANCE **iN** LIGHTING



Starting this year all our products are gathered under the sole brand of **PERFORMANCE iN LIGHTING**. The brands that have distinguished our past, PRISMA, SBP and SPITTLER will converge in one single brand of the Group. This choice is dictated by the new challenges we wish to face. Our products always have combined reliability with aesthetics and pleasing design with performance. The reliability of the products of our brands that have distinguished the story of lighting, will continue today in the brand PERFORMANCE iN LIGHTING with the omen that your confidence shall remain intact and wishfully be motivation to project the Group into new challenges that a steady evolving technology demands.

THE GROUP

PERFORMANCE iN LIGHTING is an **international Group** based in Colognola ai Colli, in the province of Verona yet with important manufacturing sites in Germany, Belgium and the USA. Our over 700 employees and the numerous affiliated companies allow us to have a global vision on the lighting world. An international breath with a stylistic approach well anchored in "Made in Italy" and a technological research worthy of the best "Made in Germany".

CAPACITIES AND EFFICIENCY

To our company, light does not have shadows, our professionalism, technical know-how and experience allow us to suggest the most appropriate solutions brought up by designers and specifiers, **offering them a comprehensive range providing lighting solutions.**

Our customers have always relied on the performances of our products. PERFORMANCE iN LIGHTING is certified by a quality system that complies with standard **ISO 9001-2008** for design, manufacturing and marketing activities of indoor and outdoor application since 1995. The corporate laboratories operate with a quality system that follows up the contents of the **ISO 17025** standard, and have been awarded the **CTF STAGE 2** (Customers' Testing Facilities - Stage 2) certification by the **IMQ** (Italian Quality Brand Institute).

We were the first company in 2015 to extend product warranty on all products up to five years.

ATTENTION TO TRAINING

In a world where technological innovations hit the market faster and faster, the theme of **professional training** becomes central and we therefore organize meetings and forums with architects, designers and selected partners. To PERFORMANCE iN LIGHTING the continuous training of the staff is the paradigm to our being enterprise. Ever since we recognize ourselves in the words of Claude Bernard: "It is what we think we know that keeps us away from learning".

THE GROUP AND SOCIAL MATTERS

Our Group not only wishes to "bring the light" to the customers but endeavors with different actions in social matters. Since several years, PERFORMANCE iN LIGHTING has supported **CINI Italia**, a not-for-profit association that was established to ensure children in the most needy areas of the world the right to receive care and education in early childhood, for instance, by helping families to learn the basics of hygiene, health and didactics to promote and strengthen the education and care of children in their own families.

A social commitment witnessed in Italy also be the creation of **Asilo Nido Blu** (a kindergarten) that was established in 2002 at the PERFORMANCE iN LIGHTING head office in Colognola ai Colli. It was launched for children aged from 7 to 36 months, to offer them a dedicated socio-pedagogical program, with annexed didactic farm.

INFORMATION



CLEAR CONDITIONS

In order to always provide customers with clear, complete information, Performance in Lighting has decided to provide the data pertaining to its LED luminaires in the following ways:

- Nominal lumen indicate the luminous flux produced by the LED source according to indications from the manufacturer of the LEDs used in the luminaire. sometimes it may be an average value derived from the range indicated by the producer.
- Real lumen indicate the luminous flux output of the luminaire. The real flux is therefore generally lower than the nominal flux because it depends on the luminaire's thermal regime and the use of reflectors, diffusers, screens or lenses to direct the light.
- Wattage drawn indicated in the table includes not only absorption by the LED light source, but also driver's loss or other necessary electronic components of the luminaire. We then indicate the total amount of energy actually consumed by the luminaire.

With this information, Performance in Lighting wants to help create more clarity in this sector, the LED luminaire compartment, where it is sometimes difficult to interpret information and compare products.



WARRANTY

All products are covered by a 5-year warranty, provided that they are used and maintained according to instructions. Consumable materials, such as bulbs, starters, electronic ignitors and reactors, which are compliant with warranty regulations issued by the European Directive on the subject, are not included in the warranty. Focus on quality, safety and duration in time are the essential objectives of Performance in Lighting. For additional information, go to www.performanceinlighting.com

GENERAL INFORMATION

With the publication of this picture price list by PERFORMANCE IN LIGHTING, all previous versions lose their validity. As part of the validity of this picture price list, we reserve the right to make technical and formal alterations to improve our products or to meet modified statutory requirements. Upon request, we provide current data. All measurements are given in millimeters. The measurements, weights and technical information given is non-binding. We reserve the right to modify designs. .

When installing lighting fixtures, the regulations VDE 0100 and VDE 0108 apply as well as the „Richtlinien für Brandschutz, elektrische Leuchten, Form 2005“ des Verbandes für Sachversicherer e. V. Köln (VdS) "Guidelines for fire protection, electrical lighting" from the Association of Insurers, Cologne].

In addition, the respective enclosed product information/installation instructions must be followed. When installing lamps for fluorescent lamps or compact fluorescent lamps, use only the given lamp type with the given wattage. Our "General Terms and Conditions" apply to all deliveries. Liability is excluded for all printing errors and omissions.

INDOOR



GENERAL INDOOR

- SUSPENDED
- CEILING SURFACE MOUNTED
- CEILING RECESSED
- INLAYED
- DOWNLIGHTS
- WALL MOUNTED
- WALL AND CEILING MOUNTED



OFFICE

- SUSPENDED
- CEILING SURFACE MOUNTED
- CEILING RECESSED
- CONTINUOUS MOUNTED
- FREE STANDING



RETAIL

- RECESSED SPOTLIGHTS
- RECESSED GIMBAL SYSTEM
- TRACK LIGHTS



INDUSTRIAL

- SURFACE MOUNTED
- SURFACE MOUNTED
- WATERPROOF
- FAST TRUNKING SYSTEM
- BATTEN
- HI BAY / LOW BAY

OUTDOOR



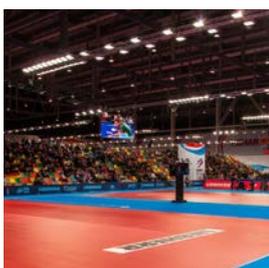
GENERAL OUTDOOR

- CEILING SURFACE MOUNTED
- WALL AND CEILING MOUNTED
- WALL MOUNTED



ARCHITECTURAL

- LINEAR RECESSED
- LINEAR SURFACE
- FLOODLIGHTS
- INGROUNDS
- RECESSED WALL
- BOLLARDS



PROFESSIONAL

- FLOODLIGHTS

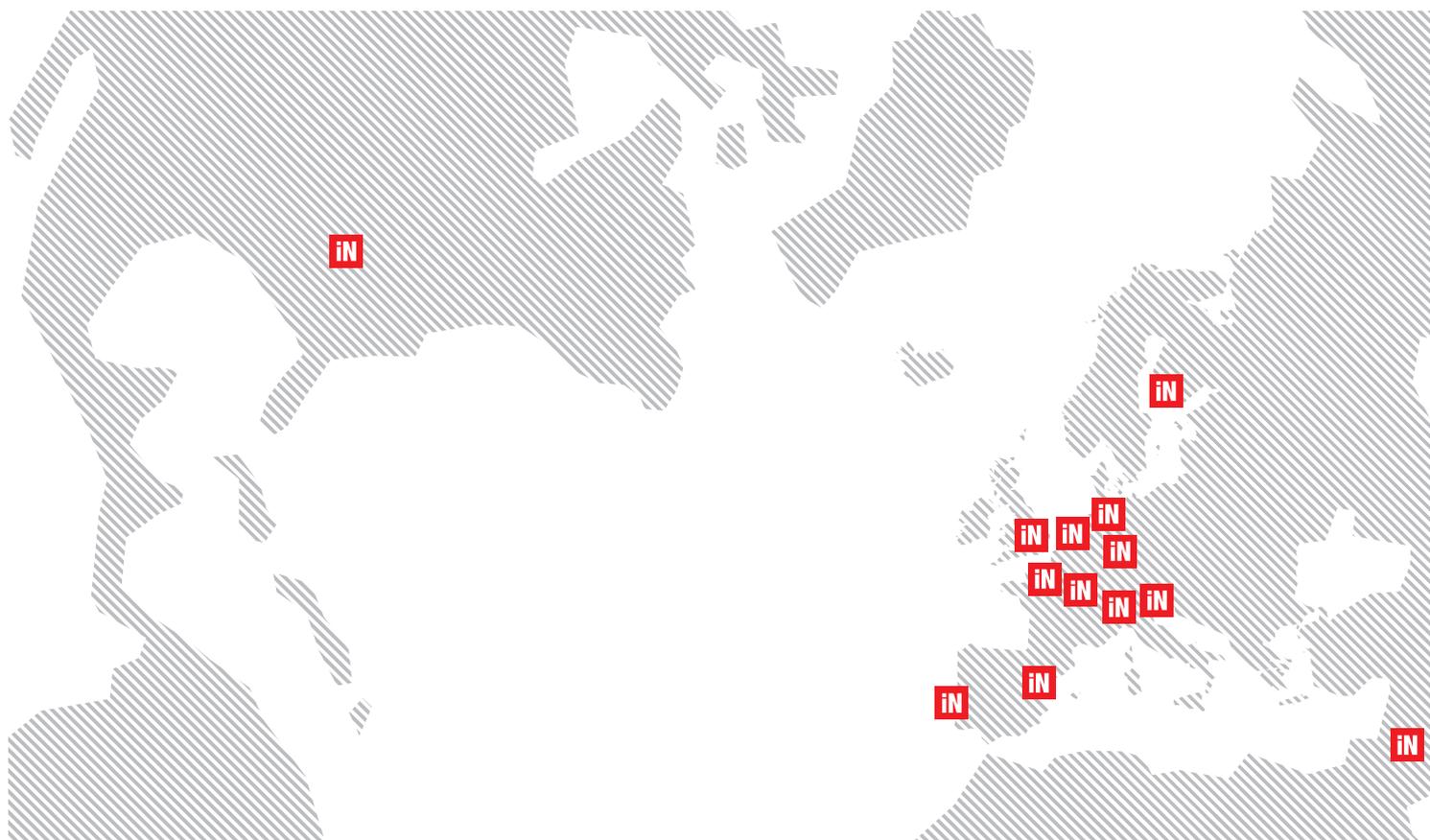


URBAN

- AREA LIGHTING
- INGROUNDS
- SUBMERSION
- CATENARY LIGHTING
- STREET LIGHTING
- HIGH POWER FLOODLIGHTS AND SPORTS AREAS

PERFORMANCE **in** LIGHTING

The holding is composed by five manufacturing companies and many branches all over the world. It is a unique industrial framework, its brands are distributed in more than one hundred countries in the world.



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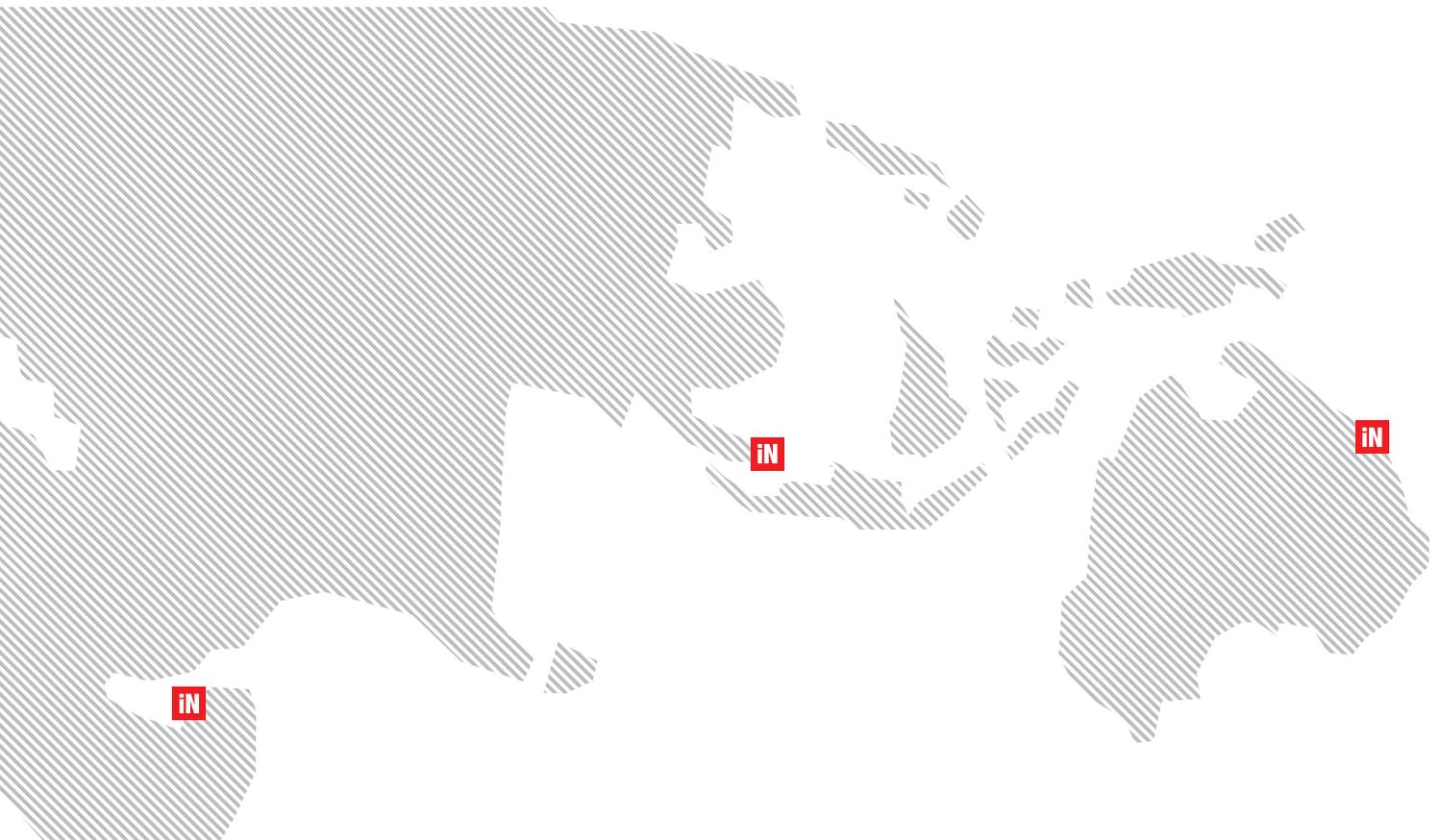
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INDOOR

OFFICE

OFFICE AND ADMINISTRATION LIGHTING

SUSPENDED LUMINAIRES



SL624PLLB LED
32



SL713PL LED
36



SL719PL LED
40



SL720PL LED
42



SL740PL LED
46



SL764PL LED
50



SL787PL LED
56



SL789PL LED
60



NEW YORK LUM
LED
64



NEW YORK LUM
67

SUSPENDED LUMINAIRES FOR CONTINUOUS MOUNTING



SL624PLLB LED
32

SURFACE MOUNTED LUMINAIRES



SL624AB LED
73



SL713AB LED
76



SL720AB LED
78



SL740AB LED
80



SL764AB LED
82



SL787AB LED
88



SL789AB LED
92



NEW YORK AB LED
96

INDOOR

OFFICE

OFFICE AND ADMINISTRATION LIGHTING

RECESSED LUMINAIRES



SL764EB LED
100



SL787EB LED
110



SL789EB LED
114

CONTINUOUS MOUNTING LUMINAIRES / LIGHTING SYSTEMS



SL720 LED
24



SL764 LED
24



SL787 LED
24



SL789 LED
24

FREE-STANDING LUMINAIRES



SL713SL LED
122



SL720SL LED
124



SL740SL LED
128



SL789SL LED
132



SL730SL
134



SL740SL
136

INDOOR

RETAIL

RETAIL LIGHTING

RECESSED LIGHTS



EB431-435 LED
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INDOOR

GENERAL

GENERAL LIGHTING

SUSPENDED LUMINAIRES



FL333PL LED
181



FL555PL LED
182



FL300PL LED
185



FL600PL LED
186



FL625PL LED
188



SL713PLFL LED
190



SL740PLFL LED
194

SURFACE MOUNTED LUMINAIRES



FL333AB LED
199



FL555AB LED
200



FL300AB LED
203



FL600AB LED
204



FL625AB LED
204



SL713ABFL LED
206



SL740ABFL LED
210

RECESSED LUMINAIRES



FL333EB LED
215



FL555EB LED
216



FL300EB LED
219



FL600EB LED
220



FL625EB LED
220

INLAYED LUMINAIRES



FL600EL LED
223



FL625EL LED
223



FL300EL LED
RECTANGULAR
227



FL315EL LED
RECTANGULAR
228



FL600EL LED
RECTANGULAR
229



FL625EL LED
RECTANGULAR
230



FL600EL LED
MEDICUS
233



FL625EL LED
MEDICUS
234



FLSB600EL LED
237



FLSB625EL LED
238

INDOOR

GENERAL

GENERAL LIGHTING

DOWNLIGHTS



DL105 LED
241



DL125 LED
243



DL185 LED
244



DL220 LED
245



DL 220 LED
MATRIX
246



DLSB100 LED
249



DLSB150 LED
250



DLSB185 LED
252



DLSB220 LED
254



DM130 LED
257



DM190 LED
258



DM225 LED
259



DM225 LED
MATRIX
260

WALL LUMINAIRES



NEW YORK
WALL LED
277



NEW YORK
WALL
279



SL740WL LED
274

WALL AND CEILING LUMINAIRES



WL210 LED
263



WL260 LED
264



WL390 LED
265



WL220 LED
266



WL270 LED
267



WL400 LED
268



KL376 LED
271



KL375 LED
272

INDOOR

CUSTOMISED

CUSTOMISED LIGHTING

PROJECTS



ARENA MUSEO OPERA
VERONA
282



BOULEVARD BERLIN
BERLIN
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ITV CITY
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MERCK
DARMSTADT
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MICROSOFT
MÜNCHEN
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PUBLIC UTILITIES COMPANY
LEHRTE
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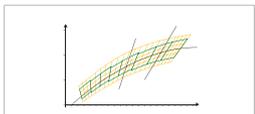


VETURI SHOPPING CENTRE
KOUVOLA
294



WISAG
FRANKFURT
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APPENDIX



TECHNOLOGY
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APPENDIX

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FL300/600/625PL LED	185	SL730SL	134
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FL600/625EL MEDICUS LED	233	SL740SL	136
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FLSB EL600/625 LED	237	SL740WL LED	274
KA40EB LED	160	SL764AB LED	82
KA42EB LED	162	SL764EB LED	100
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NV450 LED	156	WL SQUARE LED	263
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CAPTIONS

PICTOGRAMS

	IP degree of protection		Ceiling luminaire		Tunable White control
	Degree of protection provided		Wall luminaire		Emergency luminaire 1 h
	CE certified		Luminaire for track mounting		Emergency luminaire 2 h
	ENEC certified		Recessed ceiling luminaire		Emergency luminaire 3 h
	VDE-certified		Free-standing luminaire		Installation without tools
	Class I		Double switch		DIN EN conform
	Class II		Adjustable louvre		
	Class III		Dimmable DALI		
	Glow wire resistance		Constant light		
	Mountable on normally flammable surfaces		Human Centric Lighting		
	Suspended luminaire		Bluetooth sensor component for use with dimSMART! light control		

COLOURS

WH-RAL9016	White RAL 9016
WH-RAL9010	White RAL 9010
GR-RAL9006	Grey RAL 9006
GR-11	Extruded anodized aluminium
BK-RAL9005	Black RAL 9005

PERFORMANCE IN LIGHTING GMBH

WE LIGHT UP YOUR IDEAS



Since 1990 PERFORMANCE IN LIGHTING®'s philosophy is to guarantee an optimum service and to deliver high-quality products "Made in Germany" to every customer. Due to our high vertical integration we are able to answer the market requirements very quickly and with extreme flexibility in development and production. We pride ourselves with a reputation to find the right solutions for every client mutually to realise his individual ideas.

Since October 2009 we are a member of the group PERFORMANCE IN LIGHTING SpA. Hence, within the group the whole luminaire package for technical and decorative indoor and outdoor lighting can be offered and developed, produced and sold even more efficiently

MADE IN GERMANY

HIGH VERTICAL INTEGRATION AS LOCATIONAL ADVANTAGE



A motivated team with experienced know-how, modern machinery and the latest production technology directly connected with the PERFORMANCE IN LIGHTING® premises in Goslar do not only secure for our customers the high quality standard "Made in Germany" but also a quick availability of the products.

The permanent consideration of scientific findings, innovative technologies and the early reaction on market trends enable PERFORMANCE IN LIGHTING® to react quickly and flexibly on customers' requests.

OFFICE AND ADMINISTRATION LIGHTING

MOTIVATION AND INDIVIDUALITY



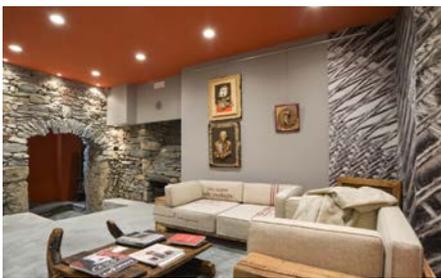
Modern communication systems and flexible interior room designs are consistently changing the working environment in offices. PERFORMANCE IN LIGHTING® analyses up-to-date trends in office and administration and transfers therefrom the requirements for development of your luminaires. This is how the latest scientific findings about the effects of light on human being

enter into our luminaire development and light planning.

PERFORMANCE IN LIGHTING® office luminaires have a system character, are flexible and can be adjusted individually to the respective light requests of the customer

RETAIL LIGHTING

PRESENTATION OF GOODS AND WORLD OF EXPERIENCE

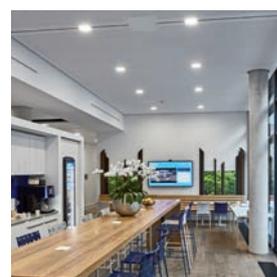
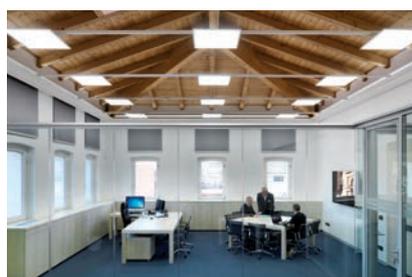


The light in sales rooms has a decisive influence on the ambience and thus on the sales success. Hence, modern sales room illumination is perfected by a harmonic interplay between basic lighting, accent lighting and information lighting. PERFORMANCE IN LIGHTING® luminaires exactly set these accents by their flexible lighting

systems for all kinds of mounted and make shopping a special event for your customers. The goods are „put in perspective“ by PERFORMANCE IN LIGHTING®, an atmosphere of wellness and worlds of experience are created. We accept every challenge and elaborate made-to-measure solutions for you.

GENERAL LIGHTING

ORIENTATION AND SECURITY



General lighting ensures the even and uniform lighting of a room. It provides clear vision and facilitates orientation. With its energy-efficient downlights and linear wall, pendant and surface mounted luminaires, PERFORMANCE IN LIGHTING® creates a particularly

homogeneous light in any office, foyer or corridor area. This way we ensure that the architecture, objects and people in the room are easily recognisable and feel secure.

LIGHTING FOR SPECIAL SOLUTIONS

CREATIVE, INDIVIDUAL LIGHTING CONCEPTS



Architectural variety and individuality require special lighting solutions. Right from the planning stage PERFORMANCE IN LIGHTING® help the customer to adjust his design ideas to the constructional realities. Every step of development is taken after close consultation with the customer, the lighting specialist and

the architect. Low-ceilinged recess depths, ceiling joists or concrete ceilings, eye catching designs or high performance materials – everything is possible. PERFORMANCE IN LIGHTING® redefines every object and creates individual solutions for your ideas.

OFFICE

OFFICE AND ADMINISTRATION LIGHTING



SL624 LED



Suspended luminaires 32
 Suspended luminaires 32
 for continuous mounting
 Surface mounted luminaires 72

SL713 LED



Suspended luminaires 36
 Surface mounted luminaires 76
 Free-standing luminaires 122

SL719 LED



Suspended luminaires 40

SL720 LED



Suspended luminaires 42
 Surface mounted luminaires 78
 Free-standing luminaires 124
 Continuous mounting luminaires / Lighting system 24

SL730



Free-standing luminaires 134

SL740 LED



Suspended luminaires 46
 Surface mounted luminaires 80
 Free-standing luminaires 128

SL740



Free-standing luminaires 136

SL764 LED



Suspended luminaires 50
 Surface mounted luminaires 82
 Recessed lights 100
 Continuous mounting luminaires / Lighting system 24

SL787 LED



Suspended luminaires 56
 Surface mounted luminaires 88
 Recessed lights 110
 Continuous mounting luminaires / Lighting system 24

SL789 LED



Suspended luminaires 60
 Surface mounted luminaires 92
 Recessed lights 114
 Free-standing luminaires 132
 Continuous mounting luminaires / Lighting system 24

NEW YORK LED / NEW YORK



Suspended luminaires 64 | 67
 Surface mounted luminaires 96

CONTINUOUS MOUNTED LIGHTING SYSTEMS

SL720 LED | SL764 LED | SL787 LED | SL789 LED



The requirements for intelligent and energy-efficient lighting systems change with every customer's individual needs. Important influencing factors, besides the quality of lighting systems, include the effect they have on how the room is used and how suited they are to the architecture. For PERFORMANCE IN LIGHTING®, these needs are as clear as day. Thanks to its customisable product families **SL720LED**, **SL764 LED**, **SL787 LED** and **SL789 LED**, PERFORMANCE IN LIGHTING® offers a means of meeting these requirements.

Various profiles, customisable lengths, different connection options and a premium look offer a great deal of design flexibility while at the same time allowing you to implement a consistent lighting concept for the entire building. Our **LIGHT PERFORMER®** enables you to simply configure your very own, personalised lighting system.

LIGHT-PERFORMER

CLEVER. LIGHTING. DESIGN.



DIALux

WORLD FIRST!
You only need two mouse-clicks to begin lighting planning of your DIALux configuration.

DXF

The **LIGHT-PERFORMER** provides your configuration as a DXF-file for the CAD-data exchange.

INSTALLATION

For any lighting system the **LIGHT-PERFORMER** draws up an individual well-matched assembly instruction for each phase of construction.

SERVICE

Do you need an offer?
Is online-support required?
Just request via mouse-click.
Our technicians will train you online.

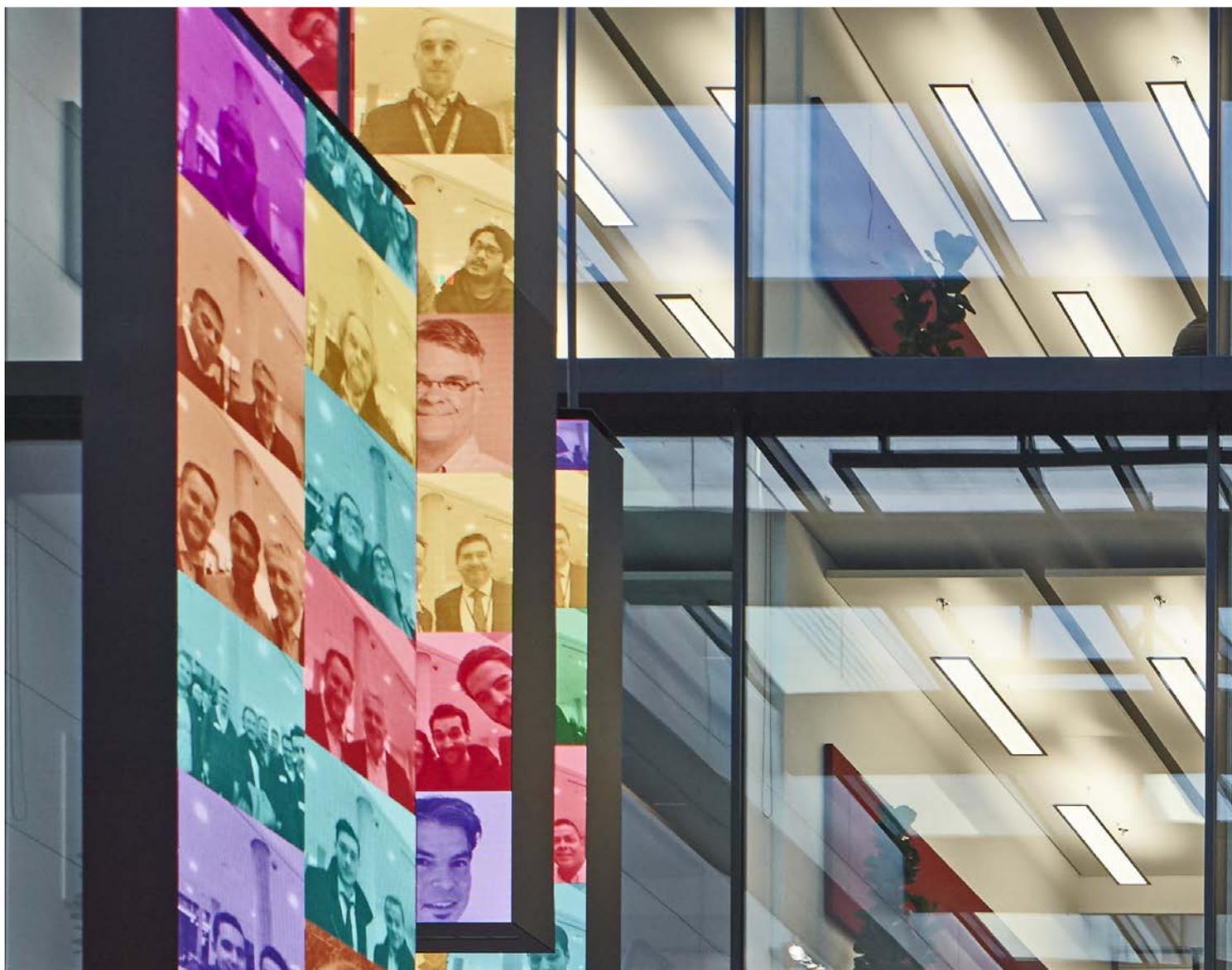
The **LIGHT-PERFORMER** offers a quick and modular configuration in only a few steps. The light configurator is easy and very user friendly, allowing the design of complex light systems in less than 5 minutes. Quick and immediate features give additional information and advice to the user. Once the design is completed the user can choose many ways to export a file, for example to the planning software DIALUX. This provides a world first in obtaining lighting engineering results instantly together with complete technical and tender information. The full configuration can be saved in a project folder for later recall.

www.light-performer.com



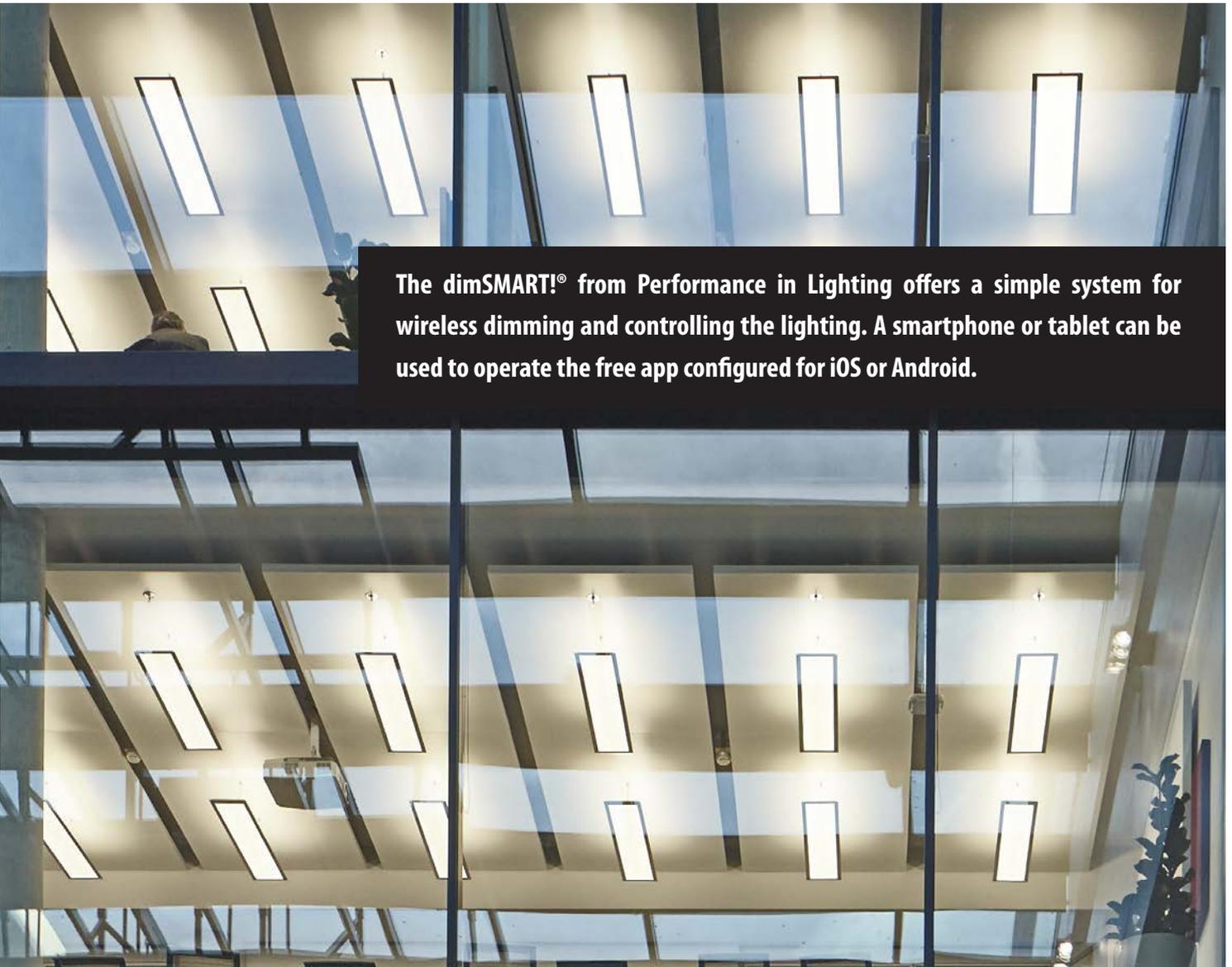
dimSMART!®

WIRELESS DIMMING AND CONTROLLING VIA BLUETOOTH



Motivation and well-being are particularly high on the list in cases where the workplace is designed to meet users' needs exactly. Personalised equipment is the best means of achieving this goal. Of course, light plays a key role. The dimSMART! system from PERFORMANCE IN LIGHTING is an innovative means of controlling lights individually. Each user can set the lighting to

create an optimal atmosphere. The system includes a free app for tablets and smartphones. Images of the rooms are saved in the app to control the lighting by setting various parameters. Colour temperatures and brightness levels can be set and scenes programmed. Programmed and saved lighting scenes are suited particularly to rooms that have different uses, such as office spaces



The dimSMART!® from Performance in Lighting offers a simple system for wireless dimming and controlling the lighting. A smartphone or tablet can be used to operate the free app configured for iOS or Android.

or conference rooms. The user only needs to save the required level of lighting once to be able to access the setting later and to choose between individual scenes. A calendar and an integrated timer function offer the user access to advanced settings. In turn, lighting can be planned for the long-term, while scenes or other saved settings can be set to run automatically without any extra

effort. The entire system is password protected and can also be used anywhere via Bluetooth. New system updates are automated so that you are always kept up to date.

dimSMART!®

WIRELESS DIMMING AND CONTROLLING VIA BLUETOOTH



COMMISSIONING COSTS
with dimSMART!® lighting!



ENERGY COSTS
with dimSMART!® lighting!



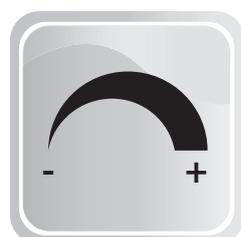
EASY TO OPERATE
using a free, user-friendly app.



LIGHT AND SCENES
saved scenes can be adjusted
to suit how the room is used.
Up to 127 lighting groups can
be programmed.



COLOUR TEMPERATURE
can be set individually to
between 2700 K and 6500 K.

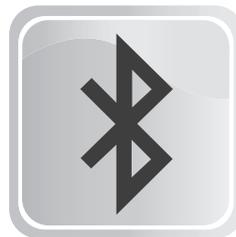


BRIGHTNESS AND INTENSITY
can be adjusted to between 1 and
100%.



CALENDAR INTEGRATION

with a timer that allows for time management over the longer term.



BLUETOOTH

allows for wireless network control everywhere.



PASSWORD PROTECTION

protects your network against hackers. Administrators are able to create additional user passwords.



FREE UPDATES

keep things consistently up to date. Updates to lighting are made directly via Bluetooth.

HCL

HUMAN CENTRIC LIGHTING



Natural daylight changes continually across the course of the day and greatly influences our biorhythm and well-being. Light regulates our hormone balance and is exclusively responsible for our feeling tired or awake and can put us in a good or a bad mood. Human Centric Lighting (HCL) modifies the light levels during the day and can return a little piece of nature to people even through artificial light. The lights are controlled by configurable software which varies the indirect light emitted by the free standing lamps from PERFORMANCE IN LIGHTING or the illuminance and the colour temperature (2,700 K to 6,200 K) depending on the time of day. The free-standing luminaire in the SL720 LED series have this feature. Indirect light, however, can also be adjusted individually and manually using a button (tunable white).

CIRCADIAN RHYTHM

Light affects us. Productivity is at its highest during the morning period, increasing right up until lunchtime before levelling out and decreasing towards evening. Light is the main factor in controlling this process, which is why it is important to support it.



PRODUCTIVITY

HCL (Human Centric Lighting) ensures greater productivity and concentration in the workplace



HEALTH

HCL supports our natural biorhythm and ensures greater well-being



VISUAL COMFORT

natural lighting at the right light intensity makes working easier on the eyes



COLOUR SPECTRUM

artificial light imitates the colour spectrum of daylight and is biologically effective



SYNCHRONISATION

HCL creates an almost natural day-night cycle



DYNAMICS AND ATMOSPHERE

dynamic light provides a suitable atmosphere for every situation, whether working or taking a break.

RECOMMENDATIONS IN ACCORDANCE TO DIN SPEC 67600:

- Activation between 8 and 10 am: vertical light intensity on the eye is 250 lux at a colour temperature of 8,000 kelvin
- Stimulating light between 1 and 2 pm
- Relaxation between 6 and 8 pm: approximately 200 lux on the eyes at a maximum colour temperature of 3,000 kelvin
- Observe DIN EN 12464-1, DIN 5035-7 and ASR 3.4.

ENERGY-EFFICIENT LIGHTING:

- Daylight-dependent control system saves up to 35% in energy
- Time and presence sensors make for even greater savings
- High coefficient of lights and bulbs
- Dimmable light

SL624PLL B LED

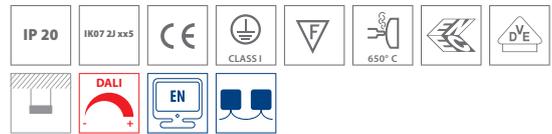
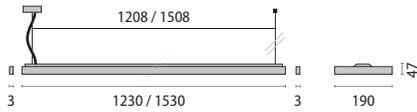
The SL624 LED suspended luminaire is a high-quality and efficient light that offers high functionality in office environments and is designed in particular to provide innovative and comfortable office illumination. Its straightforward and classic design lets this luminaire slip seamlessly into any setting. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere. Moreover, a layout in continuous rows enables individual design and offers substantial freedom in planning.



SL624PLL B LED PRISMATIC COVER

Suspended luminaire systems, consisting of one or more luminaire-modules and individually selectable components.

- ↪ Housing made of steel sheet, powder-coated
- ↪ Prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↪ Direct / indirect light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Also dimmable via TouchDIM*
- ↪ Special colour versions available upon request
- ↪ Please have a look for the components at the list of accessories



SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	48 W	3000 K	○	1230 mm	80-89	I	S/C	✓	5760 lm	3900 lm	L80 B10 50000 h	8624461343318	5.90 kg
LED	48 W	4000 K	○	1230 mm	80-89	I	S/C	✓	5950 lm	4020 lm	L80 B10 50000 h	8624461343418	5.90 kg
LED	48 W	3000 K	●	1230 mm	80-89	I	S/C	✓	5760 lm	3900 lm	L80 B10 50000 h	8624461343338	5.90 kg
LED	48 W	4000 K	●	1230 mm	80-89	I	S/C	✓	5950 lm	4020 lm	L80 B10 50000 h	8624461343438	5.90 kg
LED	60 W	3000 K	○	1530 mm	80-89	I	S/C	✓	7200 lm	5080 lm	L80 B10 50000 h	8624461433318	7.00 kg
LED	60 W	4000 K	○	1530 mm	80-89	I	S/C	✓	7440 lm	5240 lm	L80 B10 50000 h	8624461433418	7.00 kg
LED	60 W	3000 K	●	1530 mm	80-89	I	S/C	✓	7200 lm	5080 lm	L80 B10 50000 h	8624461433338	7.00 kg
LED	60 W	4000 K	●	1530 mm	80-89	I	S/C	✓	7440 lm	5240 lm	L80 B10 50000 h	8624461433438	7.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	48 W	3000 K	○	1230 mm	80-89	I	S/C	✓	5760 lm	3900 lm	L80 B10 50000 h	8624461346318	5.90 kg
LED	48 W	4000 K	○	1230 mm	80-89	I	S/C	✓	5950 lm	4020 lm	L80 B10 50000 h	8624461346418	5.90 kg
LED	48 W	3000 K	●	1230 mm	80-89	I	S/C	✓	5760 lm	3900 lm	L80 B10 50000 h	8624461346338	5.90 kg
LED	48 W	4000 K	●	1230 mm	80-89	I	S/C	✓	5950 lm	4020 lm	L80 B10 50000 h	8624461346438	5.90 kg
LED	60 W	3000 K	○	1530 mm	80-89	I	S/C	✓	7200 lm	5080 lm	L80 B10 50000 h	8624461436318	7.00 kg
LED	60 W	4000 K	○	1530 mm	80-89	I	S/C	✓	7440 lm	5240 lm	L80 B10 50000 h	8624461436418	7.00 kg
LED	60 W	3000 K	●	1530 mm	80-89	I	S/C	✓	7200 lm	5080 lm	L80 B10 50000 h	8624461436338	7.00 kg
LED	60 W	4000 K	●	1530 mm	80-89	I	S/C	✓	7440 lm	5240 lm	L80 B10 50000 h	8624461436438	7.00 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
End caps (pair)	-	8624498010
End caps (pair)	-	8624498030
Ceiling rose	-	890000410
Ceiling rose	-	890000430
Y-wire suspension (1,5 m)	-	8724031500170
Connector	-	86244995
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800
Through-wiring (5-pole)	-	81039403005

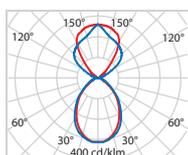


8624498010 8624498030 890000410 890000430 8724031500170

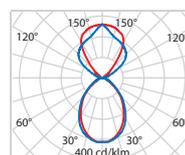


86244995 8103031800 8105031800 81039403005

Photometrics



LED 48W, 4000K
 direct 49% / indirect 51%
 UGR 13,1 / 12,6
 Luminance 2860 cd/m² (γ ≥ 65°)
 Efficiency 84 lm/W

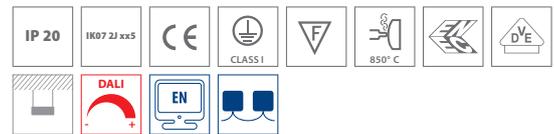
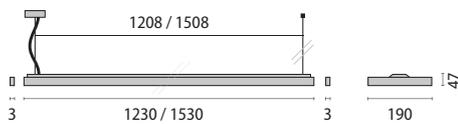


LED 60W, 4000K
 direct 52% / indirect 48%
 UGR 13,7 / 13,2
 Luminance 2970 cd/m² (γ ≥ 65°)
 Efficiency 87 lm/W

SL624PLL LED LOUVRE

Suspended luminaire systems, consisting of one or more luminaire-modules and individually selectable components.

- ↳ Housing made of steel sheet, powder-coated
- ↳ Aluminium raster with mirror finish MIRO* (AI 99,98) with glossy vacuum coating
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Special colour versions available upon request
- ↳ Please have a look for the components at the list of accessories



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	48 W	3000 K	○	1230 mm	80-89	I	S/C	✓	5760 lm	4380 lm	L80 B10 50000 h	8624481343318	6.00 kg
LED	48 W	4000 K	○	1230 mm	80-89	I	S/C	✓	5952 lm	4510 lm	L80 B10 50000 h	8624481343418	6.00 kg
LED	48 W	3000 K	●	1230 mm	80-89	I	S/C	✓	5760 lm	4380 lm	L80 B10 50000 h	8624481343338	6.00 kg
LED	48 W	4000 K	●	1230 mm	80-89	I	S/C	✓	5952 lm	4510 lm	L80 B10 50000 h	8624481343438	6.00 kg
LED	60 W	3000 K	○	1530 mm	80-89	I	S/C	✓	7200 lm	5330 lm	L80 B10 50000 h	8624481433318	7.20 kg
LED	60 W	4000 K	○	1530 mm	80-89	I	S/C	✓	7440 lm	5500 lm	L80 B10 50000 h	8624481433418	7.20 kg
LED	60 W	3000 K	●	1530 mm	80-89	I	S/C	✓	7200 lm	5330 lm	L80 B10 50000 h	8624481433338	7.20 kg
LED	60 W	4000 K	●	1530 mm	80-89	I	S/C	✓	7440 lm	5500 lm	L80 B10 50000 h	8624481433438	7.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	48 W	3000 K	○	1230 mm	80-89	I	S/C	✓	5760 lm	4380 lm	L80 B10 50000 h	8624481346318	6.00 kg
LED	48 W	4000 K	○	1230 mm	80-89	I	S/C	✓	5952 lm	4510 lm	L80 B10 50000 h	8624481346418	6.00 kg
LED	48 W	3000 K	●	1230 mm	80-89	I	S/C	✓	5760 lm	4380 lm	L80 B10 50000 h	8624481346338	6.00 kg
LED	48 W	4000 K	●	1230 mm	80-89	I	S/C	✓	5952 lm	4510 lm	L80 B10 50000 h	8624481346438	6.00 kg
LED	60 W	3000 K	○	1530 mm	80-89	I	S/C	✓	7200 lm	5330 lm	L80 B10 50000 h	8624481436318	7.20 kg
LED	60 W	4000 K	○	1530 mm	80-89	I	S/C	✓	7440 lm	5500 lm	L80 B10 50000 h	8624481436418	7.20 kg
LED	60 W	3000 K	●	1530 mm	80-89	I	S/C	✓	7200 lm	5330 lm	L80 B10 50000 h	8624481436338	7.20 kg
LED	60 W	4000 K	●	1530 mm	80-89	I	S/C	✓	7440 lm	5500 lm	L80 B10 50000 h	8624481436438	7.20 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
End caps (pair)	-	8624498010
End caps (pair)	-	8624498030
Ceiling rose	-	890000410
Ceiling rose	-	890000430
Y-wire suspension (1,5 m)	-	8724031500170
Connector	-	86244995
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800
Through-wiring (5-pole)	-	81039403005

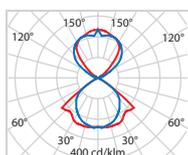


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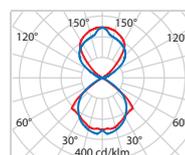


86244995 8103031800 8105031800 81039403005

Photometrics



LED 48W, 4000K
direct 54% / indirect 46%
UGR 15,6 / 16,8
Luminance 1130 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 94 lm/W

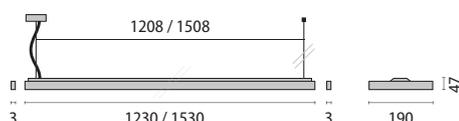


LED 60W, 4000K
direct 52% / indirect 48%
UGR 15,1 / 15,2
Luminance 750 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 92 lm/W

SL624PLL B LED ASYMMETRIC REFLECTOR

Suspended luminaire systems, consisting of one or more luminaire-modules and individually selectable components.

- ↳ Housing made of steel sheet, powder-coated
- ↳ Asymmetric reflector made of high-reflectance aluminium (Al 99,98) for maximum luminaire efficiency and neutral colour reproduction
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Special colour versions available upon request
- ↳ Please have a look for the components at the list of accessories



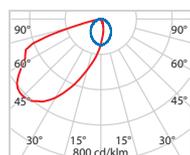
SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	50 W	3000 K	○	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624211323318	5.90 kg
LED	50 W	4000 K	○	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624211323418	5.90 kg
LED	50 W	3000 K	●	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624211323338	5.90 kg
LED	50 W	4000 K	●	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624211323438	5.90 kg
LED	62 W	3000 K	○	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624211403318	7.00 kg
LED	62 W	4000 K	○	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624211403418	7.00 kg
LED	62 W	3000 K	●	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624211403338	7.00 kg
LED	62 W	4000 K	●	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624211403438	7.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	50 W	3000 K	○	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624211326318	5.90 kg
LED	50 W	4000 K	○	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624211326418	5.90 kg
LED	50 W	3000 K	●	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624211326338	5.90 kg
LED	50 W	4000 K	●	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624211326438	5.90 kg
LED	62 W	3000 K	○	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624211406318	7.00 kg
LED	62 W	4000 K	○	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624211406418	7.00 kg
LED	62 W	3000 K	●	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624211406338	7.00 kg
LED	62 W	4000 K	●	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624211406438	7.00 kg

Accessories

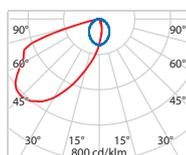
DESCRIPTION	COLOUR/RAL	CODE
End caps (pair)	-	8624498010
End caps (pair)	-	8624498030
Ceiling rose	-	890000410
Ceiling rose	-	890000430
Y-wire suspension (1,5 m)	-	8724031500170
Connector	-	86244995
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800
Through-wiring (5-pole)	-	81039403005



Photometrics



LED 50W, 4000K
Efficiency 63 lm/W



LED 62W, 4000K
Efficiency 64 lm/W

SL713PL LED

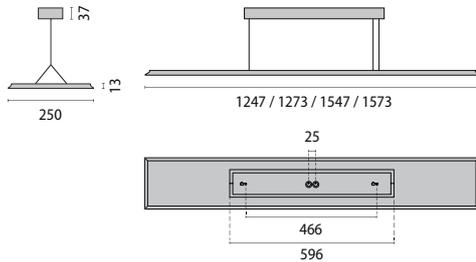
The SL713 suspended luminaire is a modern and filigree workplace light offering flexible and individual positioning options. It is particularly innovative and efficient thanks to an ultra-flat design of just 13 mm. The excellent craftsmanship of its profile connections creates a perfect look. The luminaire housing is made of a special 'Thin Skate' die cast aluminium profile, which is synonymous with outstanding quality of production. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



SL713PL LED MICROPRISMATIC COVER D/I

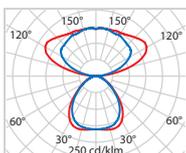
LED suspended luminaire for interior, comprising:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and canopy
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- 3000 K colour temperature version on demand
- Special colour versions available upon request

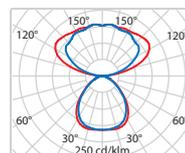


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	53 W	4000 K	○	1247 mm	80-89	I	S/C	✓	8300 lm	6680 lm	L80 B10 50000 h	8713461503410	6.20 kg
LED	53 W	4000 K	●	1247 mm	80-89	I	S/C	✓	8300 lm	6680 lm	L80 B10 50000 h	8713461503430	6.20 kg
LED	58 W	4000 K	○	1247 mm	80-89	I	S/C	✓	9250 lm	7410 lm	L80 B10 50000 h	8713461583410	6.20 kg
LED	58 W	4000 K	●	1247 mm	80-89	I	S/C	✓	9250 lm	7410 lm	L80 B10 50000 h	8713461583430	6.20 kg
LED	63 W	4000 K	○	1547 mm	80-89	I	S/C	✓	10500 lm	8680 lm	L80 B10 50000 h	8713461653410	8.20 kg
LED	63 W	4000 K	●	1547 mm	80-89	I	S/C	✓	10500 lm	8680 lm	L80 B10 50000 h	8713461653430	8.20 kg
LED	78 W	4000 K	○	1247 mm	80-89	I	S/C	✓	11600 lm	9250 lm	L80 B10 50000 h	8713461743410	6.20 kg
LED	78 W	4000 K	●	1247 mm	80-89	I	S/C	✓	11600 lm	9250 lm	L80 B10 50000 h	8713461743430	6.20 kg
LED	94 W	4000 K	○	1547 mm	80-89	I	S/C	✓	15500 lm	12150 lm	L80 B10 50000 h	8713461103410	8.20 kg
LED	94 W	4000 K	●	1547 mm	80-89	I	S/C	✓	15500 lm	12150 lm	L80 B10 50000 h	8713461103430	8.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	53 W	4000 K	○	1247 mm	80-89	I	S/C	✓	8300 lm	6680 lm	L80 B10 50000 h	8713461506410	6.20 kg
LED	53 W	4000 K	●	1247 mm	80-89	I	S/C	✓	8300 lm	6680 lm	L80 B10 50000 h	8713461506430	6.20 kg
LED	58 W	4000 K	○	1247 mm	80-89	I	S/C	✓	9250 lm	7410 lm	L80 B10 50000 h	8713461586410	6.20 kg
LED	58 W	4000 K	●	1247 mm	80-89	I	S/C	✓	9250 lm	7410 lm	L80 B10 50000 h	8713461586430	6.20 kg
LED	63 W	4000 K	○	1547 mm	80-89	I	S/C	✓	10500 lm	8680 lm	L80 B10 50000 h	8713461656410	8.20 kg
LED	63 W	4000 K	●	1547 mm	80-89	I	S/C	✓	10500 lm	8680 lm	L80 B10 50000 h	8713461656430	8.20 kg
LED	78 W	4000 K	○	1247 mm	80-89	I	S/C	✓	11600 lm	9250 lm	L80 B10 50000 h	8713461746410	6.20 kg
LED	78 W	4000 K	●	1247 mm	80-89	I	S/C	✓	11600 lm	9250 lm	L80 B10 50000 h	8713461746430	6.20 kg
LED	94 W	4000 K	○	1547 mm	80-89	I	S/C	✓	15500 lm	12150 lm	L80 B10 50000 h	8713461106410	8.20 kg
LED	94 W	4000 K	●	1547 mm	80-89	I	S/C	✓	15500 lm	12150 lm	L80 B10 50000 h	8713461106430	8.20 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	53 W	4000 K	○	1273 mm	80-89	I	S/C	✓	8300 lm	6680 lm	L80 B10 50000 h	8713461508410	6.30 kg
LED	53 W	4000 K	●	1273 mm	80-89	I	S/C	✓	8300 lm	6680 lm	L80 B10 50000 h	8713461508430	6.30 kg
LED	58 W	4000 K	○	1273 mm	80-89	I	S/C	✓	9250 lm	7410 lm	L80 B10 50000 h	8713461588410	6.50 kg
LED	58 W	4000 K	●	1273 mm	80-89	I	S/C	✓	9250 lm	7410 lm	L80 B10 50000 h	8713461588430	6.50 kg
LED	63 W	4000 K	○	1573 mm	80-89	I	S/C	✓	10500 lm	8680 lm	L80 B10 50000 h	8713461658410	8.50 kg
LED	63 W	4000 K	●	1573 mm	80-89	I	S/C	✓	10500 lm	8680 lm	L80 B10 50000 h	8713461658430	8.50 kg
LED	78 W	4000 K	○	1273 mm	80-89	I	S/C	✓	11600 lm	8970 lm	L80 B10 50000 h	8713461748410	6.50 kg
LED	78 W	4000 K	●	1273 mm	80-89	I	S/C	✓	11600 lm	8970 lm	L80 B10 50000 h	8713461748430	6.50 kg
LED	94 W	4000 K	○	1573 mm	80-89	I	S/C	✓	15500 lm	12150 lm	L80 B10 50000 h	8713461108410	8.50 kg
LED	94 W	4000 K	●	1573 mm	80-89	I	S/C	✓	15500 lm	12150 lm	L80 B10 50000 h	8713461108430	8.50 kg

Photometrics



LED 53W, 4000K
 direct 37% / indirect 63%
 UGR 10,8 / 11,2
 Luminance 2170 cd/m² (γ ≥ 65°)
 Efficiency 126 lm/W

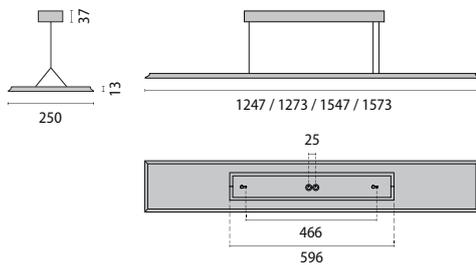


LED 94W, 4000K
 direct 36% / indirect 64%
 UGR 12,0 / 12,3
 Luminance 2940 cd/m² (γ ≥ 65°)
 Efficiency 129 lm/W

SL713PL LED MICROPRISMATIC COVER

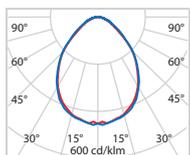
LED suspended luminaire for interior, comprising:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and canopy
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- 3000 K colour temperature version on demand
- Special colour versions available upon request

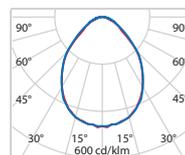


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	32 W	4000 K	○	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713261323410	6.00 kg
LED	32 W	4000 K	●	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713261323430	6.00 kg
LED	36 W	4000 K	○	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713261363410	8.20 kg
LED	36 W	4000 K	●	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713261363430	8.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	32 W	4000 K	○	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713261326410	6.00 kg
LED	32 W	4000 K	●	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713261326430	6.00 kg
LED	36 W	4000 K	○	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713261366410	8.20 kg
LED	36 W	4000 K	●	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713261366430	8.20 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	32 W	4000 K	○	1273 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713261328410	6.10 kg
LED	32 W	4000 K	●	1273 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713261328430	6.10 kg
LED	36 W	4000 K	○	1573 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713261368410	8.50 kg
LED	36 W	4000 K	●	1573 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713261368430	8.50 kg

Photometrics



LED 32W, 4000K
UGR 16,9 / 17,1
Luminance 2990 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 122 lm/W



LED 36W, 4000K
UGR 16,7 / 16,8
Luminance 2900 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 126 lm/W



SL719PL LED

The SL719 LED suspended luminaire launches a new generation of innovative office lighting. Adding entirely new visual touches, the transparent nanotechnology revolutionises the look of office lighting systems. Switched off, the light fixtures are transparent and appear to float freely in space. The frame width of just 20 mm elevates the luminaire from its mere existence as an individual element to become an integral contributor to the overall interior design of the room. Switched on, the transparent look is transformed into a luminous, holographic surface. The superb light quality helps with demanding visual tasks, while the transparent nanotechnology ensures anti-glare workplace lighting. Versions with daylight sensor or modern dimSMART! technology are also available.



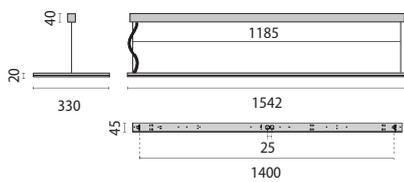
GR-RAL9006

WH-RAL9016

SL719PL LED TRANSPARENT

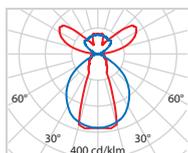
LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Transparent light optic for efficient light guidance, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and canopy
- ↳ Length of steel cable suspension flexibly adjustable through canopy opening
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ Bluetooth sensor component for use with dimSMART! light control
- ↳ 3000 K colour temperature version on demand
- ↳ Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	98 W	4000 K	○	1542 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8719431846410	8.00 kg
LED	98 W	4000 K	●	1542 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8719431846430	8.00 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	98 W	4000 K	○	1542 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8719431848410	8.00 kg
LED	98 W	4000 K	●	1542 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8719431848430	8.00 kg
Power LED Bluetooth sensor component for use with dimSMART! light control 220-240 V / 50-60 Hz													
LED	98 W	4000 K	○	1542 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8719431849410	8.00 kg
LED	98 W	4000 K	●	1542 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8719431849430	8.00 kg

Photometrics



LED 98W, 4000K
 direct 52% / indirect 48%
 UGR 14,4 / 9,5
 Luminance 2900 cd/m² (γ ≥ 65°)
 Efficiency 83 lm/W

SL720PL LED

The SL720 LED suspended luminaire is a highly functional and modern workplace light fixture for installation in offices. A gracefully slender silhouette with classic shadow gap to reduce the visual perception of height characterises the lamp's technical design. Just 20 mm high and enclosed in aluminium, the profile focuses attention on the unfussy microprism lenses, allowing the luminaire to blend unobtrusively into any room concept. The high light quality is a helpful asset in demanding visual tasks. Versions with daylight sensor or modern dimSMART! technology are also available.



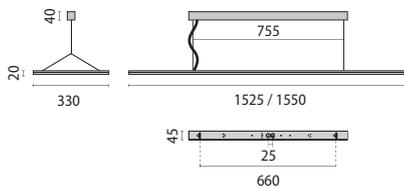
GR-RAL9006

WH-RAL9016

SL720PL LED TRANSPARENT

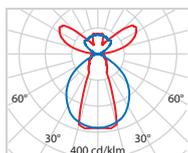
LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Transparent light optic for efficient light guidance, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and canopy
- ↳ Length of steel cable suspension flexibly adjustable through canopy opening
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ Bluetooth sensor component for use with dimSMART! light control
- ↳ 3000 K colour temperature version on demand
- ↳ Continuous mounted version at www.light-performer.com
- ↳ Special colour versions available upon request
- ↳ For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	98 W	4000 K	○	1525 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8720451846410	8.00 kg
LED	98 W	4000 K	●	1525 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8720451846430	8.00 kg
Power LED Bluetooth sensor component for use with dimSMART! light control 220-240 V / 50-60 Hz													
LED	98 W	4000 K	○	1525 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8720451849410	8.00 kg
LED	98 W	4000 K	●	1525 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8720451849430	8.00 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	98 W	4000 K	○	1550 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8720451848410	8.00 kg
LED	98 W	4000 K	●	1550 mm	80-89	I	S/C	✓	12500 lm	8160 lm	L80 B10 50000 h	8720451848430	8.00 kg

Photometrics

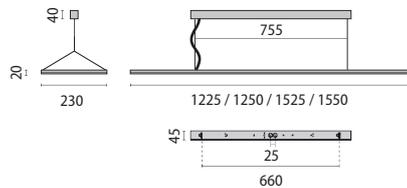


LED 98W, 4000K
 direct 52% / indirect 48%
 UGR 14,4 / 9,5
 Luminance 2900 cd/m² (γ ≥ 65°)
 Efficiency 83 lm/W

SL720PL LED MICROPRISMA

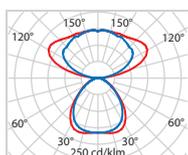
LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and and canopy
- ↳ Length of steel cable suspension flexibly adjustable through canopy opening
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ Bluetooth sensor component for use with dimSMART! light control
- ↳ 3000 K colour temperature version on demand
- ↳ Continuous mounted version at www.light-performer.com
- ↳ Special colour versions available upon request
- ↳ For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)

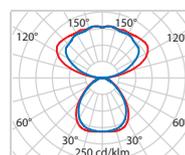


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	45 W	4000 K	○	1225 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461493410	5.50 kg
LED	45 W	4000 K	●	1225 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461493430	5.50 kg
LED	59 W	4000 K	○	1525 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461673410	6.50 kg
LED	59 W	4000 K	●	1525 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461673430	6.50 kg
LED	67 W	4000 K	○	1225 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461723410	5.50 kg
LED	67 W	4000 K	●	1225 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461723430	5.50 kg
LED	96 W	4000 K	○	1525 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461103410	6.50 kg
LED	96 W	4000 K	●	1525 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461103430	6.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	45 W	4000 K	○	1225 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461496410	5.50 kg
LED	45 W	4000 K	●	1225 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461496430	5.50 kg
LED	59 W	4000 K	○	1525 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461676410	6.50 kg
LED	59 W	4000 K	●	1525 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461676430	6.50 kg
LED	67 W	4000 K	○	1225 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461726410	5.50 kg
LED	67 W	4000 K	●	1225 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461726430	5.50 kg
LED	73 W	4000 K	○	1525 mm	80-89	I	S/D	✓	12400 lm	8990 lm	L80 B10 50000 h	8720461866410	6.50 kg
LED	73 W	4000 K	●	1525 mm	80-89	I	S/D	✓	12400 lm	8990 lm	L80 B10 50000 h	8720461866430	6.50 kg
LED	96 W	4000 K	○	1525 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461106410	6.50 kg
LED	96 W	4000 K	●	1525 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461106430	6.50 kg
Power LED Bluetooth sensor component for use with dimSMART! light control 220-240 V / 50-60 Hz													
LED	45 W	4000 K	○	1225 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461499410	5.50 kg
LED	45 W	4000 K	●	1225 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461499430	5.50 kg
LED	59 W	4000 K	○	1525 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461679410	6.50 kg
LED	59 W	4000 K	●	1525 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461679430	6.50 kg
LED	67 W	4000 K	○	1225 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461729410	5.50 kg
LED	67 W	4000 K	●	1225 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461729430	5.50 kg
LED	73 W	4000 K	○	1525 mm	80-89	I	S/D	✓	12400 lm	8990 lm	L80 B10 50000 h	8720461869410	6.50 kg
LED	73 W	4000 K	●	1525 mm	80-89	I	S/D	✓	12400 lm	8990 lm	L80 B10 50000 h	8720461869430	6.50 kg
LED	96 W	4000 K	○	1525 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461109410	6.50 kg
LED	96 W	4000 K	●	1525 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461109430	6.50 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	45 W	4000 K	○	1250 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461498410	5.50 kg
LED	45 W	4000 K	●	1250 mm	80-89	I	S/D	✓	8000 lm	5660 lm	L80 B10 50000 h	8720461498430	5.50 kg
LED	59 W	4000 K	○	1550 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461678410	6.50 kg
LED	59 W	4000 K	●	1550 mm	80-89	I	S/D	✓	10400 lm	7530 lm	L80 B10 50000 h	8720461678430	6.50 kg
LED	67 W	4000 K	○	1250 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461728410	5.50 kg
LED	67 W	4000 K	●	1250 mm	80-89	I	S/D	✓	11050 lm	7920 lm	L80 B10 50000 h	8720461728430	5.50 kg
LED	73 W	4000 K	○	1550 mm	80-89	I	S/D	✓	12400 lm	8990 lm	L80 B10 50000 h	8720461868410	6.50 kg
LED	73 W	4000 K	●	1550 mm	80-89	I	S/D	✓	12400 lm	8990 lm	L80 B10 50000 h	8720461868430	6.50 kg
LED	96 W	4000 K	○	1550 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461108410	6.50 kg
LED	96 W	4000 K	●	1550 mm	80-89	I	S/D	✓	15500 lm	11170 lm	L80 B10 50000 h	8720461108430	6.50 kg

Photometrics



LED 45W, 4000K
direct 38% / indirect 62%
UGR 10,4 / 10,9
Luminance 1910 cd/m² (γ ≥ 65°)
Efficiency 126 lm/W

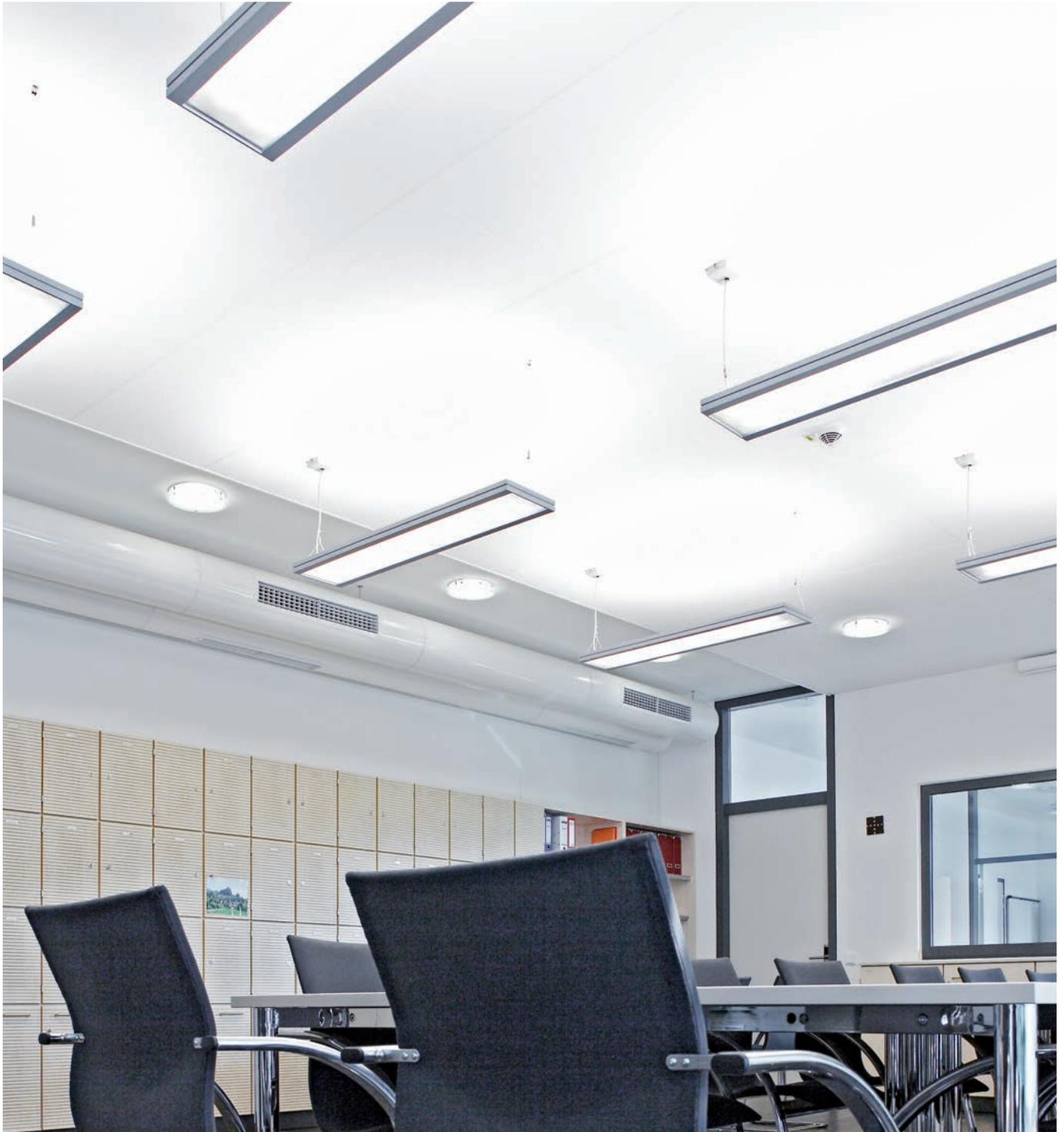


LED 96W, 4000K
direct 37% / indirect 63%
UGR 11,9 / 12,3
Luminance 2990 cd/m² (γ ≥ 65°)
Efficiency 116 lm/W



SL740PL LED

The SL 740 suspended luminaire is a timeless PERFORMANCE IN LIGHTING classic that offers high functionality in office environments and is particularly suited for innovative and comfortable office illumination. Its straightforward design lets this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadow gap is a unique feature of the design. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona). Creating homogeneous light dispersion, the luminaire also accentuates the visual perception of horizontal and vertical ceiling sections.



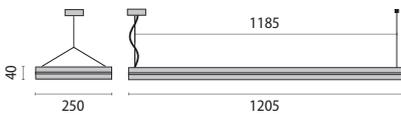
GR-RAL9006

WH-RAL9016

SL740PL LED MICROPRISMATIC COVER D/I

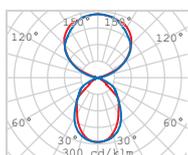
LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Through-wiring version available upon request
- ↳ Special colour versions available upon request

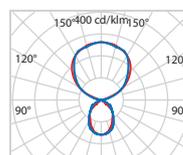


SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	77 W	3000 K	○	1205 mm	80-89	I	S/D	✓	9910 lm	8820 lm	L80 B10 50000 h	8740461843310	8.50 kg
LED	77 W	4000 K	○	1205 mm	80-89	I	S/D	✓	10220 lm	9090 lm	L80 B10 50000 h	8740461843410	8.50 kg
LED	77 W	3000 K	●	1205 mm	80-89	I	S/D	✓	9910 lm	8820 lm	L80 B10 50000 h	8740461843330	8.50 kg
LED	77 W	4000 K	●	1205 mm	80-89	I	S/D	✓	10220 lm	9090 lm	L80 B10 50000 h	8740461843430	8.50 kg
LED	105 W	3000 K	○	1205 mm	80-89	I	S/D	✓	13440 lm	12600 lm	L80 B10 50000 h	8740461133310	8.50 kg
LED	105 W	4000 K	○	1205 mm	80-89	I	S/D	✓	13920 lm	13030 lm	L80 B10 50000 h	8740461133410	8.50 kg
LED	105 W	3000 K	●	1205 mm	80-89	I	S/D	✓	13440 lm	12600 lm	L80 B10 50000 h	8740461133330	8.50 kg
LED	105 W	4000 K	●	1205 mm	80-89	I	S/D	✓	13920 lm	13030 lm	L80 B10 50000 h	8740461133430	8.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	77 W	3000 K	○	1205 mm	80-89	I	S/D	✓	9910 lm	8820 lm	L80 B10 50000 h	8740461846310	8.50 kg
LED	77 W	4000 K	○	1205 mm	80-89	I	S/D	✓	10220 lm	9090 lm	L80 B10 50000 h	8740461846410	8.50 kg
LED	77 W	3000 K	●	1205 mm	80-89	I	S/D	✓	9910 lm	8820 lm	L80 B10 50000 h	8740461846330	8.50 kg
LED	77 W	4000 K	●	1205 mm	80-89	I	S/D	✓	10220 lm	9090 lm	L80 B10 50000 h	8740461846430	8.50 kg
LED	105 W	3000 K	○	1205 mm	80-89	I	S/D	✓	13440 lm	12600 lm	L80 B10 50000 h	8740461136310	8.50 kg
LED	105 W	4000 K	○	1205 mm	80-89	I	S/D	✓	13920 lm	13030 lm	L80 B10 50000 h	8740461136410	8.50 kg
LED	105 W	3000 K	●	1205 mm	80-89	I	S/D	✓	13440 lm	12600 lm	L80 B10 50000 h	8740461136330	8.50 kg
LED	105 W	4000 K	●	1205 mm	80-89	I	S/D	✓	13920 lm	13030 lm	L80 B10 50000 h	8740461136430	8.50 kg

Photometrics



LED 77W, 4000K
 direct 38% / indirect 62%
 UGR 12,6 / 10,3
 Luminance 2940 cd/m² (γ ≥ 65°)
 Efficiency 118 lm/W



LED 105W, 4000K
 direct 27% / indirect 73%
 UGR 11,6 / 9,1
 Luminance 2990 cd/m² (γ ≥ 65°)
 Efficiency 124 lm/W

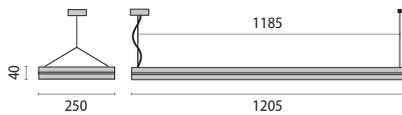
GR-RAL9006

WH-RAL9016

SL740PL LED MICROPRISMATIC COVER

LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Predominantly direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Through-wiring version available upon request
- ↳ Special colour versions available upon request

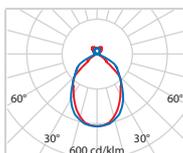


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	48 W	3000 K	○	1205 mm	80-89	I	S/A	✓	5500 lm	3770 lm	L80 B10 50000 h	8740261363310	8.50 kg
LED	48 W	4000 K	○	1205 mm	80-89	I	S/A	✓	5700 lm	3900 lm	L80 B10 50000 h	8740261363410	8.50 kg
LED	48 W	3000 K	●	1205 mm	80-89	I	S/A	✓	5500 lm	3770 lm	L80 B10 50000 h	8740261363330	8.50 kg
LED	48 W	4000 K	●	1205 mm	80-89	I	S/A	✓	5700 lm	3900 lm	L80 B10 50000 h	8740261363430	8.50 kg
LED	68 W	3000 K	○	1205 mm	80-89	I	S/A	-	10100 lm	7190 lm	L80 B10 50000 h	8740261723310	8.50 kg
LED	68 W	4000 K	○	1205 mm	80-89	I	S/A	-	10400 lm	7420 lm	L80 B10 50000 h	8740261723410	8.50 kg
LED	68 W	3000 K	●	1205 mm	80-89	I	S/A	-	10100 lm	7190 lm	L80 B10 50000 h	8740261723330	8.50 kg
LED	68 W	4000 K	●	1205 mm	80-89	I	S/A	-	10400 lm	7420 lm	L80 B10 50000 h	8740261723430	8.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	48 W	3000 K	○	1205 mm	80-89	I	S/A	✓	5500 lm	3770 lm	L80 B10 50000 h	8740261366310	8.50 kg
LED	48 W	4000 K	○	1205 mm	80-89	I	S/A	✓	5700 lm	3900 lm	L80 B10 50000 h	8740261366410	8.50 kg
LED	48 W	3000 K	●	1205 mm	80-89	I	S/A	✓	5500 lm	3770 lm	L80 B10 50000 h	8740261366330	8.50 kg
LED	48 W	4000 K	●	1205 mm	80-89	I	S/A	✓	5700 lm	3900 lm	L80 B10 50000 h	8740261366430	8.50 kg
LED	68 W	3000 K	○	1205 mm	80-89	I	S/A	-	10100 lm	7190 lm	L80 B10 50000 h	8740261726310	8.50 kg
LED	68 W	4000 K	○	1205 mm	80-89	I	S/A	-	10400 lm	7420 lm	L80 B10 50000 h	8740261726410	8.50 kg
LED	68 W	3000 K	●	1205 mm	80-89	I	S/A	-	10100 lm	7190 lm	L80 B10 50000 h	8740261726330	8.50 kg
LED	68 W	4000 K	●	1205 mm	80-89	I	S/A	-	10400 lm	7420 lm	L80 B10 50000 h	8740261726430	8.50 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	7596	0.87
1.0	1899	1.74
1.5	844	2.60
2.0	475	3.47
2.5	304	4.34

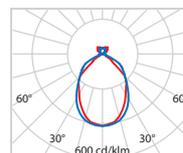
→ 2 x 41.0°



LED 48W, 4000K
direct 85% / indirect 15%
UGR 16,3 / 13,7
Luminance 2670 cd/m² (γ ≥ 65°)
Efficiency 81 lm/W

h [m]	E [lx]	∅ [m]
0.5	14382	0.87
1.0	3596	1.73
1.5	1598	2.60
2.0	899	3.47
2.5	575	4.33

→ 2 x 40.9°



LED 68W, 4000K
direct 85% / indirect 15%
UGR 18,5 / 16,0
Luminance 5290 cd/m² (γ ≥ 65°)
Efficiency 109 lm/W



SL764PL LED

The SL764 LED suspended luminaire comes with a delicately intricate and high-quality design for versatile uses. Available with the beautifully designed HIGH and FLAT cover models, the luminaire creates sophisticated architectural highlights that accentuate spatial qualities in particular. Diffuse and therefore harmonious in its effect, the system provides homogeneous illumination that helps improve visibility. Customers can therefore look forward to a highly versatile and modular luminaire system with a number of expansions to enable absolute conceptual freedom.



SL764PL LED OPAL COVER HIGH

LED suspended luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	28 W	3000 K	●	1132 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764251253370	2.10 kg
LED	28 W	4000 K	●	1132 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764251253470	2.10 kg
LED	35 W	3000 K	●	1412 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764251313370	2.40 kg
LED	35 W	4000 K	●	1412 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764251313470	2.40 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764251403370	2.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764251403470	2.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764251503370	2.40 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764251503470	2.40 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	28 W	3000 K	●	1132 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764251256370	2.10 kg
LED	28 W	4000 K	●	1132 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764251256470	2.10 kg
LED	35 W	3000 K	●	1412 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764251316370	2.40 kg
LED	35 W	4000 K	●	1412 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764251316470	2.40 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764251406370	2.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764251406470	2.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764251506370	2.40 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764251506470	2.40 kg

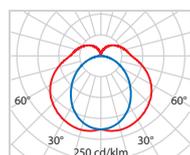
Accessories

DESCRIPTION	COLOUR/RAL	CODE
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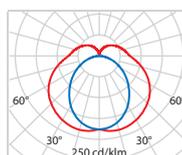


8900000570

Photometrics



LED 28W, 4000K
UGR 17,7 / 19,3
Luminance 7630 cd/m² (γ ≥ 65°)
Efficiency 101 lm/W

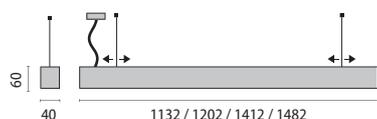


LED 53W, 4000K
UGR 19,3 / 20,9
Luminance 108890 cd/m² (γ ≥ 65°)
Efficiency 108 lm/W

SL764PL LED OPAL COVER FLAT

LED suspended luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764291403370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764291403470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764291503370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764291503470	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764291406370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764291406470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764291506370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764291506470	2.10 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1202 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764291408370	2.00 kg
LED	42 W	4000 K	●	1202 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764291408470	2.00 kg
LED	53 W	3000 K	●	1482 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764291508370	2.20 kg
LED	53 W	4000 K	●	1482 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764291508470	2.20 kg

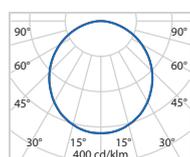
Accessories

DESCRIPTION	COLOUR/RAL	CODE
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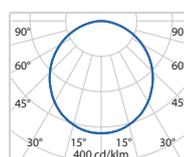


8900000570

Photometrics



LED 42W, 4000K
UGR 24,3 / 24,2
Luminance 26200 cd/m² (γ ≥ 65°)
Efficiency 91 lm/W

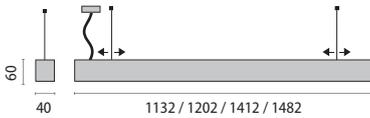


LED 53W, 4000K
UGR 24,3 / 24,2
Luminance 25980 cd/m² (γ ≥ 65°)
Efficiency 90 lm/W

SL764PL LED MICROPRISMATIC COVER

LED suspended luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764261403370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764261403470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764261503370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764261503470	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764261406370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764261406470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764261506370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764261506470	2.10 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1202 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764261408370	2.00 kg
LED	42 W	4000 K	●	1202 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764261408470	2.00 kg
LED	53 W	3000 K	●	1482 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764261508370	2.20 kg
LED	53 W	4000 K	●	1482 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764261508470	2.20 kg

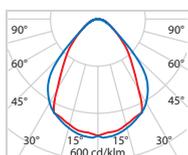
Accessories

DESCRIPTION	COLOUR/RAL	CODE
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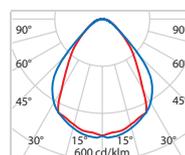


8900000570

Photometrics



LED 42W, 4000K
UGR 22,0 / 21,1
Luminance 13050 cd/m² (γ ≥ 65°)
Efficiency 92 lm/W



LED 53W, 4000K
UGR 22,0 / 21,1
Luminance 12770 cd/m² (γ ≥ 65°)
Efficiency 91 lm/W

SL764PL LED ASYMMETRIC REFLECTOR

LED suspended luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Asymmetric reflector made of high-reflectance aluminium (Al 99,98) for maximum luminaire efficiency and neutral colour reproduction
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	29 W	3000 K	●	1224 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764211253370	1.90 kg
LED	29 W	4000 K	●	1224 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764211253470	1.90 kg
LED	34 W	3000 K	●	1524 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764211283370	2.10 kg
LED	34 W	4000 K	●	1524 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764211283470	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	29 W	3000 K	●	1224 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764211256370	1.90 kg
LED	29 W	4000 K	●	1224 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764211256470	1.90 kg
LED	34 W	3000 K	●	1524 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764211286370	2.10 kg
LED	34 W	4000 K	●	1524 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764211286470	2.10 kg

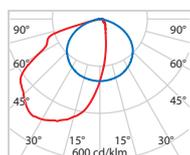
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Canopy, elongated (optional)	-	8900000570

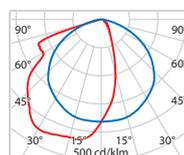


8900000570

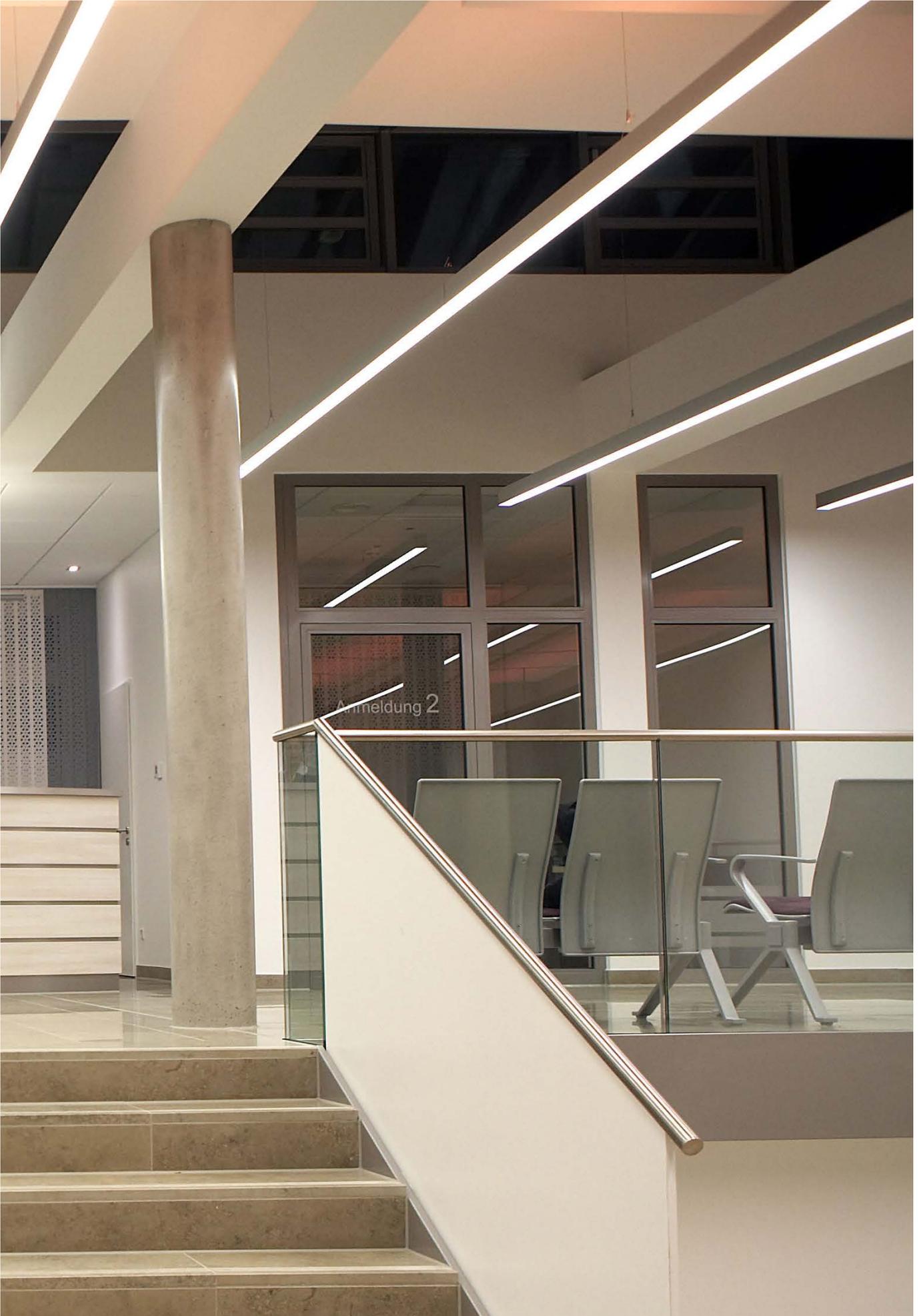
Photometrics



LED 29W, 4000K
Efficiency 100 lm/W



LED 34W, 4000K
Efficiency 100 lm/W



SL787PL LED

The SL787 suspended luminaire is a high-quality light for flexible applications. It is particularly suited to innovative and comfortable office lighting, and creates an especially appealing room atmosphere thanks to its variety of optional light inserts and optics. Blending easy installation with efficient mounted, it also possesses a clear and straightforward language of forms to beautifully complement the architecture. Modest elegance and clear lines in high-class eloxy finish are characteristic features of the modern design and allow planning options with continuous row layouts.

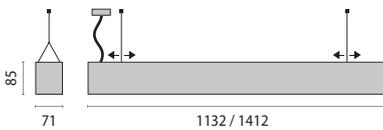


GR-EV1

SL787PL LED OPAL COVER

LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct / indirect or direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com



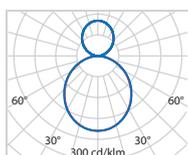
SL787PL LED OPAL COVER D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	51 W	3000 K	●	1132 mm	80-89	I	S/B	-	6810 lm	4760 lm	L80 B10 50000 h	8787491723370	3.40 kg
LED	51 W	4000 K	●	1132 mm	80-89	I	S/B	-	7020 lm	4900 lm	L80 B10 50000 h	8787491723470	3.40 kg
LED	60 W	3000 K	●	1412 mm	80-89	I	S/C	-	7940 lm	5500 lm	L80 B10 50000 h	8787491843370	4.10 kg
LED	60 W	4000 K	●	1412 mm	80-89	I	S/C	-	8190 lm	5670 lm	L80 B10 50000 h	8787491843470	4.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	60 W	3000 K	●	1412 mm	80-89	I	S/C	-	7940 lm	5500 lm	L80 B10 50000 h	8787491846370	4.10 kg
LED	60 W	4000 K	●	1412 mm	80-89	I	S/C	-	8190 lm	5670 lm	L80 B10 50000 h	8787491846470	4.10 kg
LED	51 W	3000 K	●	1132 mm	80-89	I	S/C	-	6810 lm	4760 lm	L80 B10 50000 h	8787491726370	3.40 kg
LED	51 W	4000 K	●	1132 mm	80-89	I	S/B	-	7020 lm	4900 lm	L80 B10 50000 h	8787491726470	3.40 kg

SL787PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	2990 lm	L80 B10 50000 h	8787291483370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3090 lm	L80 B10 50000 h	8787291483470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3740 lm	L80 B10 50000 h	8787291603370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	3860 lm	L80 B10 50000 h	8787291603470	4.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	2990 lm	L80 B10 50000 h	8787291486370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3090 lm	L80 B10 50000 h	8787291486470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3740 lm	L80 B10 50000 h	8787291606370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	3860 lm	L80 B10 50000 h	8787291606470	4.00 kg

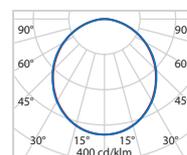
Photometrics



LED 60W, 4000K
 direct 68% / indirect 32%
 UGR 19,4 / 19,3
 Luminance 11750 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

h [m]	E [lx]	∅ [m]
0,5	5716	1,35
1,0	1429	2,70
1,5	635	4,05
2,0	357	5,41
2,5	229	6,76

→ 2 x 53,5°

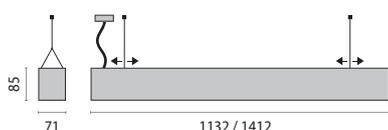


LED 43W, 4000K
 UGR 21,4 / 21,3
 Luminance 11600 cd/m² (γ ≥ 65°)
 Efficiency 90 lm/W

SL787PL LED MICROPRISMATIC COVER

LED suspended luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



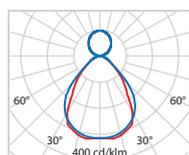
SL787PL LED MICROPRISMATIC COVER D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	51 W	3000 K	●	1132 mm	80-89	I	S/B	-	6810 lm	4940 lm	L80 B10 50000 h	8787461723370	3.40 kg
LED	51 W	4000 K	●	1132 mm	80-89	I	S/B	-	7020 lm	5100 lm	L80 B10 50000 h	8787461723470	3.40 kg
LED	60 W	3000 K	●	1412 mm	80-89	I	S/B	-	7940 lm	5740 lm	L80 B10 50000 h	8787461843370	4.10 kg
LED	60 W	4000 K	●	1412 mm	80-89	I	S/B	-	8190 lm	5920 lm	L80 B10 50000 h	8787461843470	4.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	51 W	3000 K	●	1132 mm	80-89	I	S/B	-	6810 lm	4940 lm	L80 B10 50000 h	8787461726370	3.40 kg
LED	51 W	4000 K	●	1132 mm	80-89	I	S/B	-	7020 lm	5100 lm	L80 B10 50000 h	8787461726470	3.40 kg
LED	60 W	3000 K	●	1412 mm	80-89	I	S/B	-	7940 lm	5740 lm	L80 B10 50000 h	8787461846370	4.10 kg
LED	60 W	4000 K	●	1412 mm	80-89	I	S/B	-	8190 lm	5920 lm	L80 B10 50000 h	8787461846470	4.10 kg

SL787PL LED MICROPRISMATIC COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	3180 lm	L80 B10 50000 h	8787261483370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3280 lm	L80 B10 50000 h	8787261483470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3980 lm	L80 B10 50000 h	8787261603370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	4100 lm	L80 B10 50000 h	8787261603470	4.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	3180 lm	L80 B10 50000 h	8787261486370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3280 lm	L80 B10 50000 h	8787261486470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3980 lm	L80 B10 50000 h	8787261606370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	4100 lm	L80 B10 50000 h	8787261606470	4.00 kg

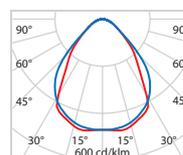
Photometrics



LED 60W, 4000K
direct 69% / indirect 31%
UGR 17,4 / 16,8
Luminance 5960 cd/m² (γ ≥ 65°)
Efficiency 99 lm/W

h [m]	E [lx]	∅ [m]
0,5	8733	0,78 / 0,98
1,0	2183	1,56 / 1,95
1,5	970	2,34 / 2,93
2,0	546	3,13 / 3,90
2,5	349	3,91 / 4,88

→ 2 x 38,0° / 44,3°

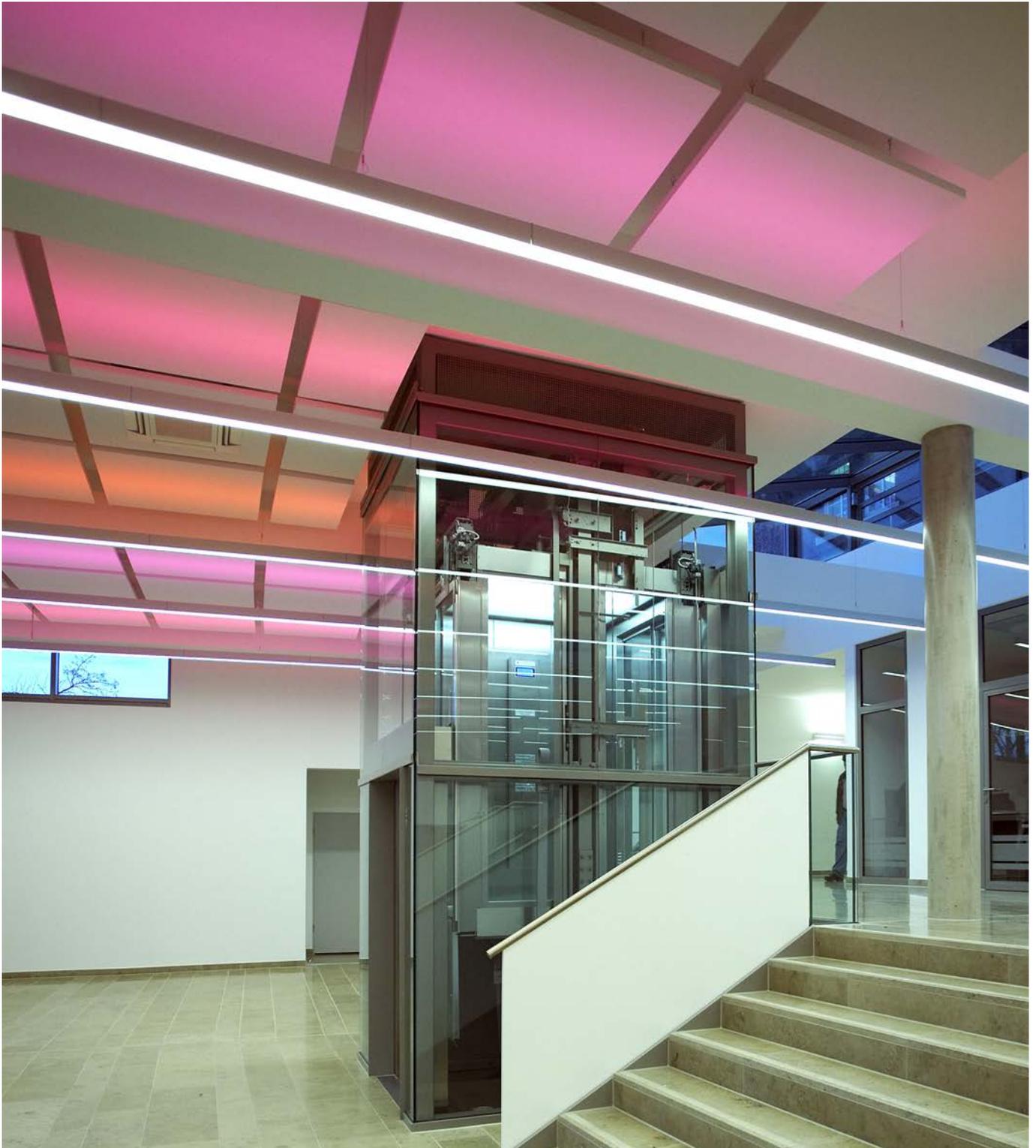


LED 43W, 4000K
UGR 19,3 / 18,6
Luminance 5510 cd/m² (γ ≥ 65°)
Efficiency 95 lm/W



SL789PL LED

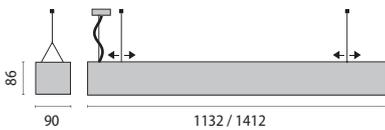
The SL789 suspended luminaire comes in a high-quality design for versatile uses. The defining features of the SL789 lighting system include its just 90 mm opening and the large number of model variants. A variety of high-quality lenses enable buyers to create a uniform lighting concept throughout the building. Besides their easy-fit installation and mounting, the luminaires possess a clear and unfussy design vocabulary that gracefully highlights the particular architectural features. Discrete elegance and straightforward lines in high-quality anodised design characterise the modern look, creating freedom for individual planning variations with strip lighting.



SL789PL LED OPAL COVER

LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct / indirect or direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com



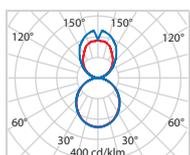
SL789PL LED OPAL COVER D/I

SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	63 W	3000 K	●	1132 mm	80-89	I	S/B	-	7940 lm	5680 lm	L80 B10 50000 h	8789491693370	3.70 kg
LED	63 W	4000 K	●	1132 mm	80-89	I	S/B	-	8180 lm	5850 lm	L80 B10 50000 h	8789491693470	3.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	63 W	3000 K	●	1132 mm	80-89	I	S/B	-	7940 lm	5680 lm	L80 B10 50000 h	8789491696370	3.70 kg
LED	63 W	4000 K	●	1132 mm	80-89	I	S/B	-	8180 lm	5850 lm	L80 B10 50000 h	8789491696470	3.70 kg

SL789PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789291463370	3.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789291463470	3.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789291573370	4.80 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789291573470	4.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789291466370	3.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789291466470	3.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789291576370	4.80 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789291576470	4.80 kg

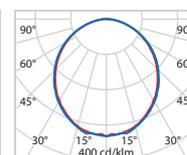
Photometrics



LED 63W, 4000K
 direct 62% / indirect 38%
 UGR 18,8 / 18,7
 Luminance 11020 cd/m² (γ ≥ 65°)
 Efficiency 93 lm/W

h [m]	E [lx]	∅ [m]
0,5	6789	1,32
1,0	1697	2,65
1,5	754	3,97
2,0	424	5,30
2,5	272	6,62

→ 2 x 53,0°

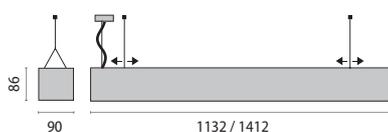


LED 53W, 4000K
 UGR 21,2 / 21,1
 Luminance 11030 cd/m² (γ ≥ 65°)
 Efficiency 86 lm/W

SL789PL LED MICROPRISMATIC COVER

LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect or direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com



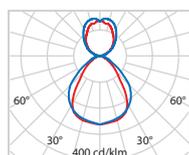
SL789PL LED MICROPRISMATIC COVER D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	63 W	3000 K	●	1132 mm	80-89	I	S/B	-	7940 lm	5790 lm	L80 B10 50000 h	8789461693370	4.10 kg
LED	63 W	4000 K	●	1132 mm	80-89	I	S/B	-	8180 lm	5960 lm	L80 B10 50000 h	8789461693470	4.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	63 W	3000 K	●	1132 mm	80-89	I	S/B	-	7940 lm	5790 lm	L80 B10 50000 h	8789461696370	4.10 kg
LED	63 W	4000 K	●	1132 mm	80-89	I	S/B	-	8180 lm	5960 lm	L80 B10 50000 h	8789461696470	4.10 kg

SL789PL LED MICROPRISMATIC COVER

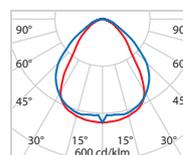
SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789261463370	4.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789261463470	4.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789261573370	5.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789261573470	5.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789261466370	4.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789261466470	4.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789261576370	5.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789261576470	5.20 kg

Photometrics



LED 63W, 4000K
 direct 63% / indirect 37%
 UGR 16,2 / 15,7
 Luminance 5130 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

h [m]	E [lx]	∅ [m]
0,5	9789	0,78 / 1,12
1,0	2447	1,56 / 2,24
1,5	1088	2,34 / 3,37
2,0	612	3,11 / 4,49
2,5	392	3,89 / 5,61
⇒ 2 x 37,9° / 48,3°		

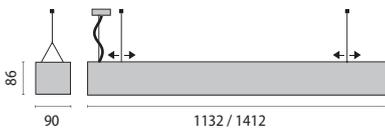


LED 53W, 4000K
 UGR 18,7 / 18,1
 Luminance 7890 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

GR-EV1

SL789PL LED LOUVRE

- LED suspended luminaire for interior, comprising:
- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
 - ↳ Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
 - ↳ Direct / indirect or direct light distribution
 - ↳ Colour rendering index Ra > 80
 - ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
 - ↳ Also dimmable via TouchDIM*
 - ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
 - ↳ VDU application suitable acc. to EN 12464-1
 - ↳ Special colour versions available upon request
 - ↳ Through-wiring version available upon request



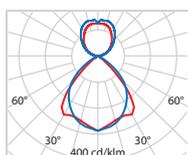
SL789PL LED LOUVRE D/I

SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	74 W	3000 K	●	1132 mm	80-89	I	S/B	✓	8980 lm	5610 lm	L80 B10 50000 h	8789481693370	3.60 kg
LED	74 W	4000 K	●	1132 mm	80-89	I	S/B	✓	9280 lm	6780 lm	L80 B10 50000 h	8789481693470	3.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	74 W	3000 K	●	1132 mm	80-89	I	S/B	✓	8980 lm	5610 lm	L80 B10 50000 h	8789481696370	3.60 kg
LED	74 W	4000 K	●	1132 mm	80-89	I	S/B	✓	9280 lm	6780 lm	L80 B10 50000 h	8789481696470	3.60 kg

SL789PL LED LOUVRE

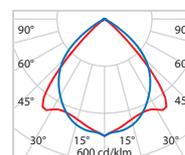
SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	37 W	3000 K	●	1132 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789281463370	3.80 kg
LED	37 W	4000 K	●	1132 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789281463470	3.80 kg
LED	45 W	3000 K	●	1412 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789281573370	4.80 kg
LED	45 W	4000 K	●	1412 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789281573470	4.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	37 W	3000 K	●	1132 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789281466370	3.80 kg
LED	37 W	4000 K	●	1132 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789281466470	3.80 kg
LED	45 W	3000 K	●	1412 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789281576370	4.80 kg
LED	45 W	4000 K	●	1412 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789281576470	4.80 kg

Photometrics



LED 74W, 4000K
 direct 60% / indirect 40%
 UGR 17,4 / 16,4
 Luminance 1860 cd/m² (γ ≥ 65°)
 Efficiency 92 lm/W

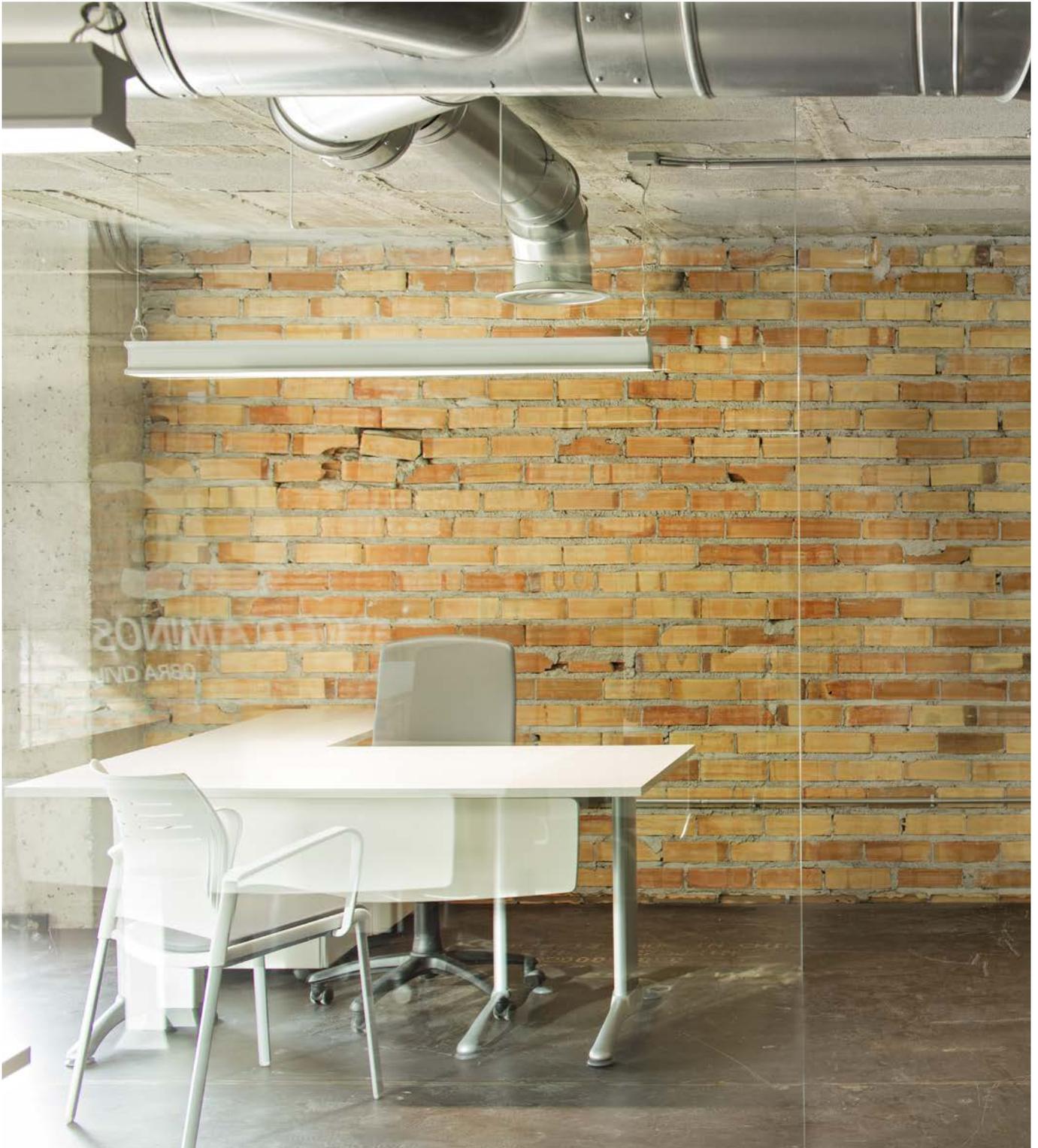
h [m]	E [lx]	φ [m]
0,5	9371	0,96
1,0	2343	1,91
1,5	1041	2,87
2,0	586	3,83
2,5	375	4,79
⇒ 2 x 43,8°		



LED 45W, 4000K
 UGR 19,3 / 18,2
 Luminance 1110 cd/m² (γ ≥ 65°)
 Efficiency 93 lm/W

NEW YORK LUM LED | NEW YORK LUM

The NEW YORK suspended luminaire is a high-quality light for flexible applications. A fascinating black and white photograph 'Lunch atop a skyscraper' provided inspiration here. The unique language of forms stands for urban lifestyle, stability and sustainability. The luminaire body consists of an aluminium profile in innovative 'LightTrail' design. A variety of optional optics create an appealing room atmosphere. The beautifully aesthetic and linear form with tapered cross-section makes the NEW YORK suspended luminaire practically predestined to continuous row layouts.



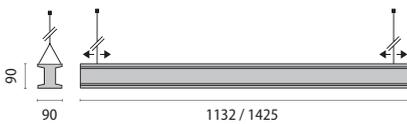
GR-RAL9006

WH-RAL9016

NEW YORK LUM LED OPAL COVER

LED suspended luminaire for interior, comprising:

- Extruded aluminium profile housing, die-cast aluminium end caps, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct / indirect or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Special colour versions available upon request



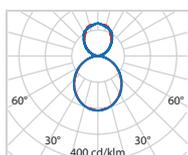
NEW YORK LUM LED OPAL COVER D/I

SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	64 W	3000 K	○	1132 mm	80-89	I	S/C	-	7980 lm	5640 lm	L80 B10 50000 h	8791491723310	3.60 kg
LED	64 W	4000 K	○	1132 mm	80-89	I	S/C	-	8330 lm	6080 lm	L80 B10 50000 h	8791491723410	3.60 kg
LED	64 W	3000 K	●	1132 mm	80-89	I	S/C	-	7980 lm	5640 lm	L80 B10 50000 h	8791491723330	3.60 kg
LED	64 W	4000 K	●	1132 mm	80-89	I	S/C	-	8330 lm	6080 lm	L80 B10 50000 h	8791491723430	3.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	64 W	3000 K	○	1132 mm	80-89	I	S/C	-	7980 lm	5640 lm	L80 B10 50000 h	8791491726310	3.60 kg
LED	64 W	4000 K	○	1132 mm	80-89	I	S/C	-	8330 lm	6080 lm	L80 B10 50000 h	8791491726410	3.60 kg
LED	64 W	3000 K	●	1132 mm	80-89	I	S/C	-	7980 lm	5640 lm	L80 B10 50000 h	8791491726330	3.60 kg
LED	64 W	4000 K	●	1132 mm	80-89	I	S/C	-	8330 lm	6080 lm	L80 B10 50000 h	8791491726430	3.60 kg

NEW YORK LUM LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4620 lm	3380 lm	L80 B10 50000 h	8791291483310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791291483410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4620 lm	3380 lm	L80 B10 50000 h	8791291483330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791291483430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791291603310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791291603410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791291603330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791291603430	4.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4620 lm	3380 lm	L80 B10 50000 h	8791291486310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791291486410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4620 lm	3380 lm	L80 B10 50000 h	8791291486330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791291486430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791291606310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791291606410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791291606330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791291606430	4.30 kg

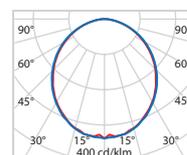
Photometrics



LED 64W, 4000K
 direct 64% / indirect 36%
 UGR 19,1 / 18,9
 Luminance 11480 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

h [m]	E [lx]	∅ [m]
0,5	8182	1,29
1,0	2046	2,59
1,5	909	3,88
2,0	511	5,18
2,5	327	6,47

→ 2 x 52,3°

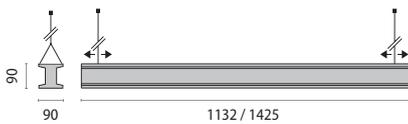


LED 53W, 4000K
 UGR 21,7 / 21,5
 Luminance 12720 cd/m² (γ ≥ 65°)
 Efficiency 101 lm/W

NEW YORK LUM LED MICROPRISMATIC D/I

LED suspended luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect or direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- ↳ Special colour versions available upon request



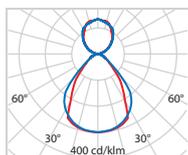
NEW YORK LUM LED MICROPRISMATIC D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	64 W	3000 K	○	1132 mm	80-89	I	S/C	-	7980 lm	5460 lm	L80 B10 50000 h	8791461723310	3.60 kg
LED	64 W	4000 K	○	1132 mm	80-89	I	S/C	-	8330 lm	5710 lm	L80 B10 50000 h	8791461723410	3.60 kg
LED	64 W	3000 K	●	1132 mm	80-89	I	S/C	-	7980 lm	5460 lm	L80 B10 50000 h	8791461723330	3.60 kg
LED	64 W	4000 K	●	1132 mm	80-89	I	S/C	-	8330 lm	5710 lm	L80 B10 50000 h	8791461723430	3.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	64 W	3000 K	○	1132 mm	80-89	I	S/C	-	7980 lm	5460 lm	L80 B10 50000 h	8791461726310	3.60 kg
LED	64 W	4000 K	○	1132 mm	80-89	I	S/C	-	8330 lm	5710 lm	L80 B10 50000 h	8791461726410	3.60 kg
LED	64 W	3000 K	●	1132 mm	80-89	I	S/C	-	7980 lm	5460 lm	L80 B10 50000 h	8791461726330	3.60 kg
LED	64 W	4000 K	●	1132 mm	80-89	I	S/C	-	8330 lm	5710 lm	L80 B10 50000 h	8791461726430	3.60 kg

NEW YORK LUM LED MICROPRISMATIC COVER

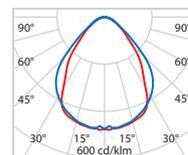
SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791261483310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791261483410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791261483330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791261483430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791261603310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791261603410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791261603330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791261603430	4.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791261486310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791261486410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791261486330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791261486430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791261606310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791261606410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791261606330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791261606430	4.30 kg

Photometrics



LED 64W, 4000K
direct 61% / indirect 39%
UGR 16,0 / 15,0
Luminance 4530 cd/m² (γ ≥ 65°)
Efficiency 89 lm/W

h [m]	E [lx]	∅ [m]
0,5	10981,081 / 1,00	
1,0	2745,161 / 2,00	
1,5	1220,242 / 3,00	
2,0	686,323 / 4,00	
2,5	439,403 / 5,00	
⇒ 2 x 38,9° / 45,0°		



LED 53W, 4000K
UGR 19,6 / 18,5
Luminance 6000 cd/m² (γ ≥ 65°)
Efficiency 96 lm/W

BK-RAL9005

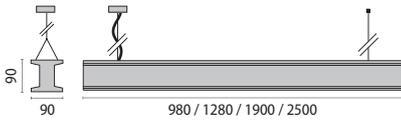
GR-RAL9006

WH-RAL9016

NEW YORK LUM DOWN LOUVRE

Indoor suspended luminaire, comprising:

- Extruded aluminium profile housing, painted
- Direct light distribution
- Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
- VDU application suitable acc. to EN 12464-1
- Complete with steel suspension cable (2 m), transparent power cord and ceiling rose

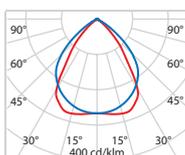


NEW YORK LUM DOWN LOUVRE

SOCKET	POWER	COLOUR/RAL	LENGTH	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz								
T5	1 x 39 W	○	980 mm	I	S/A	✓	301599	3,4 kg
T5	1 x 54 W	○	1280 mm	I	S/A	✓	301602	3,9 kg
T5	2 x 39 W	○	1900 mm	I	S/A	✓	301605	3,4 kg
T5	2 x 54 W	○	2500 mm	I	S/A	✓	301608	3,4 kg
T5	1 x 39 W	●	980 mm	I	S/A	✓	301600	3,4 kg
T5	1 x 54 W	●	1280 mm	I	S/A	✓	301603	3,9 kg
T5	2 x 39 W	●	1900 mm	I	S/A	✓	301606	3,4 kg
T5	2 x 54 W	●	2500 mm	I	S/A	✓	301609	3,4 kg
T5	1 x 39 W	●	980 mm	I	S/A	✓	301601	3,4 kg
T5	1 x 54 W	●	1280 mm	I	S/A	✓	301604	3,9 kg
T5	2 x 39 W	●	1900 mm	I	S/A	✓	301607	3,4 kg
T5	2 x 54 W	●	2500 mm	I	S/A	✓	301610	3,4 kg

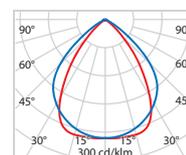
Photometrics

h [m]	E [lx]	∅ [m]
0,5	3740	0,73 / 1,03
1,0	935	1,46 / 2,06
1,5	416	2,19 / 3,09
2,0	234	2,92 / 4,11
2,5	150	3,65 / 5,14
→ ± 2 x 36,1° / 45,8°		



T5 1 x 39 W
 UGR 19,5 / 16,3
 Luminance 1490 cd/m² (γ ≥ 65°)
 Light output ratio 52%

h [m]	E [lx]	∅ [m]
0,5	5082	0,73 / 1,03
1,0	1271	1,47 / 2,06
1,5	565	2,20 / 3,10
2,0	318	2,94 / 4,13
2,5	203	3,67 / 5,16
→ ± 2 x 36,3° / 45,9°		



T5 1 x 54 W
 UGR 19,4 / 15,8
 Luminance 1360 cd/m² (γ ≥ 65°)
 Light output ratio 47%

BK-RAL9005

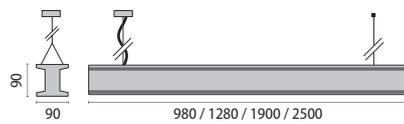
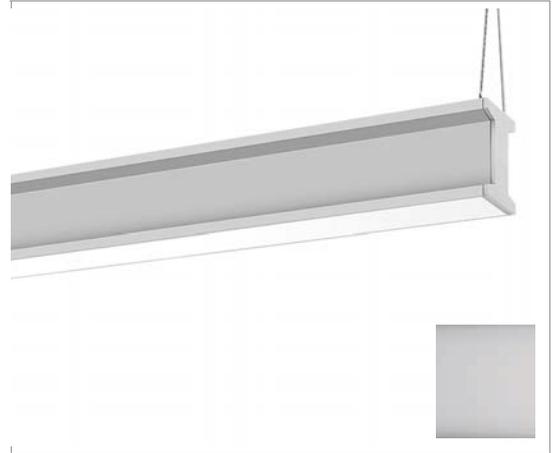
GR-RAL9006

WH-RAL9016

NEW YORK LUM B

Indoor suspended luminaire, comprising:

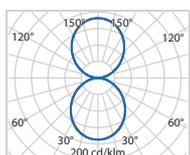
- ↳ Extruded aluminium profile housing, painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct / indirect light distribution
- ↳ Complete with steel suspension cable (2 m), transparent power cord and ceiling rose



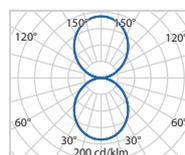
NEW YORK LUM B

SOCKET	POWER	COLOUR/RAL	LENGTH	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz								
T5	2 x 39 W	○	980 mm	I	S/C	-	3022415	3.80 kg
T5	2 x 54 W	○	1280 mm	I	S/C	-	3022445	4.60 kg
T5	4 x 39 W	○	1900 mm	I	S/C	-	3022475	6.70 kg
T5	4 x 54 W	○	2500 mm	I	S/C	-	3022505	8.60 kg
T5	2 x 39 W	●	980 mm	I	S/C	-	3022425	3.80 kg
T5	2 x 54 W	●	1280 mm	I	S/C	-	3022455	4.60 kg
T5	4 x 39 W	●	1900 mm	I	S/C	-	3022485	6.70 kg
T5	4 x 54 W	●	2500 mm	I	S/C	-	3022515	8.60 kg
T5	2 x 39 W	●	980 mm	I	S/C	-	3022435	3.80 kg
T5	2 x 54 W	●	1280 mm	I	S/C	-	3022465	4.60 kg
T5	4 x 39 W	●	1900 mm	I	S/C	-	3022495	6.70 kg
T5	4 x 54 W	●	2500 mm	I	S/C	-	3022525	8.60 kg

Photometrics



T5 2 x 39 W
 direct 51% / indirect 49%
 UGR 16,5 / 16,6
 Luminance 7610 cd/m² ($\gamma \geq 65^\circ$)
 Light output ratio 73%



T5 2 x 54 W
 direct 50% / indirect 50%
 UGR 16,7 / 16,8
 Luminance 8210 cd/m² ($\gamma \geq 65^\circ$)
 Light output ratio 73%

BK-RAL9005

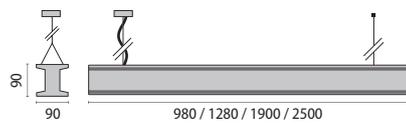
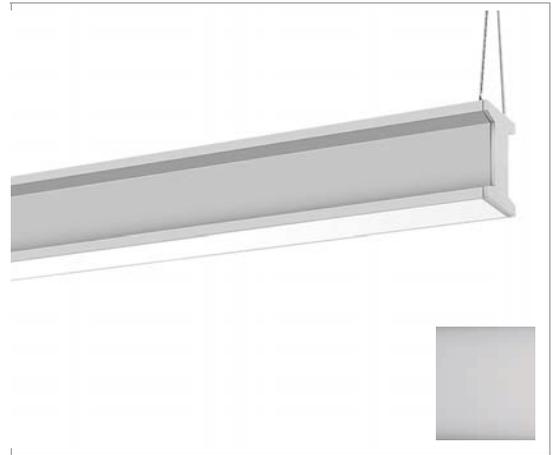
GR-RAL9006

WH-RAL9016

NEW YORK LUM B 2A

Indoor suspended luminaire, comprising:

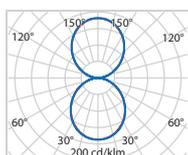
- Extruded aluminium profile housing, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct / indirect light distribution
- Complete with steel suspension cable (2 m), transparent power cord and ceiling rose
- Separate operation of direct and indirect lighting



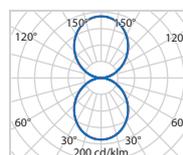
NEW YORK LUM B 2A

SOCKET	POWER	COLOUR/RAL	LENGTH	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz								
T5	2 x 39 W	○	980 mm	I	S/C	-	3024085	5.20 kg
T5	2 x 54 W	○	1280 mm	I	S/C	-	3024115	5.60 kg
T5	4 x 39 W	○	1900 mm	I	S/C	-	3024145	11.00 kg
T5	4 x 54 W	○	2500 mm	I	S/C	-	3024175	10.00 kg
T5	2 x 39 W	●	980 mm	I	S/C	-	3024095	5.20 kg
T5	2 x 54 W	●	1280 mm	I	S/C	-	3024125	5.60 kg
T5	4 x 39 W	●	1900 mm	I	S/C	-	3024155	11.00 kg
T5	4 x 54 W	●	2500 mm	I	S/C	-	3024185	10.00 kg
T5	2 x 39 W	●	980 mm	I	S/C	-	3024105	5.20 kg
T5	2 x 54 W	●	1280 mm	I	S/C	-	3024135	5.60 kg
T5	4 x 39 W	●	1900 mm	I	S/C	-	3024165	11.00 kg
T5	4 x 54 W	●	2500 mm	I	S/C	-	3024195	10.00 kg

Photometrics



T5 2 x 39 W
 direct 51% / indirect 49%
 UGR 16,5 / 16,6
 Luminance 7610 cd/m² (γ ≥ 65°)
 Light output ratio 73%



T5 2 x 54 W
 direct 50% / indirect 50%
 UGR 16,7 / 16,8
 Luminance 8210 cd/m² (γ ≥ 65°)
 Light output ratio 73%

BK-RAL9005

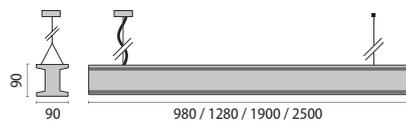
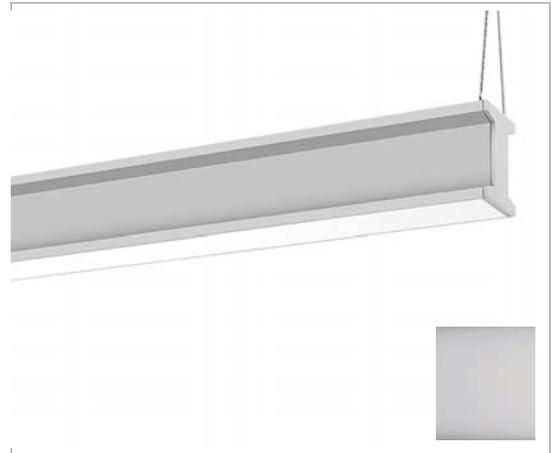
GR-RAL9006

WH-RAL9016

NEW YORK LUM DOWN

Indoor suspended luminaire, comprising:

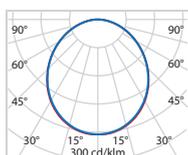
- Extruded aluminium profile housing, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Complete with steel suspension cable (2 m), transparent power cord and ceiling rose



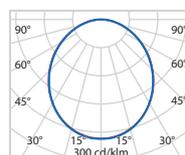
NEW YORK LUM DOWN

SOCKET	POWER	COLOUR/RAL	LENGTH	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz								
T5	1 x 39 W	○	980 mm	I	S/A	-	3022295	3.90 kg
T5	1 x 54 W	○	1280 mm	I	S/A	-	3022325	4.70 kg
T5	2 x 39 W	○	1900 mm	I	S/A	-	3022355	6.70 kg
T5	2 x 54 W	○	2500 mm	I	S/A	-	3022385	8.30 kg
T5	1 x 39 W	●	980 mm	I	S/A	-	3022305	3.90 kg
T5	1 x 54 W	●	1280 mm	I	S/A	-	3022335	4.70 kg
T5	2 x 39 W	●	1900 mm	I	S/A	-	3022365	6.70 kg
T5	2 x 54 W	●	2500 mm	I	S/A	-	3022395	8.30 kg
T5	1 x 39 W	●	980 mm	I	S/A	-	3022315	3.90 kg
T5	1 x 54 W	●	1280 mm	I	S/A	-	3022345	4.70 kg
T5	2 x 39 W	●	1900 mm	I	S/A	-	3022375	6.70 kg
T5	2 x 54 W	●	2500 mm	I	S/A	-	3022405	8.30 kg

Photometrics



T5 1 x 39 W
UGR 19,9 / 19,8
Luminance 7570 cd/m² ($\gamma \geq 65^\circ$)
Light output ratio 73%



T5 1 x 54 W
UGR 20,3 / 20,3
Luminance 8530 cd/m² ($\gamma \geq 65^\circ$)
Light output ratio 76%

BK-RAL9005

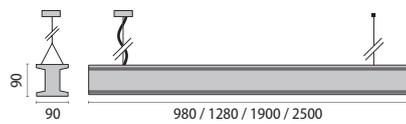
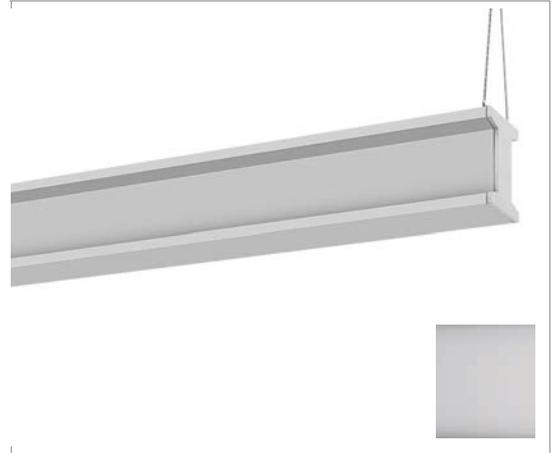
GR-RAL9006

WH-RAL9016

NEW YORK LUM UP

Indoor suspended luminaire, comprising:

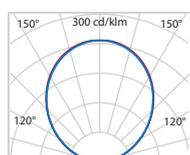
- Extruded aluminium profile housing, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Indirect light diffusion
- Complete with steel suspension cable (2 m), transparent power cord and ceiling rose



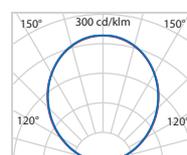
NEW YORK LUM UP

SOCKET	POWER	COLOUR/RAL	LENGTH	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz								
T5	1 x 39 W	○	980 mm	I	S/E	-	3022175	3.60 kg
T5	1 x 54 W	○	1280 mm	I	S/E	-	3022205	3.80 kg
T5	2 x 39 W	○	1900 mm	I	S/E	-	3022235	6.20 kg
T5	2 x 54 W	○	2500 mm	I	S/E	-	3022265	7.60 kg
T5	1 x 39 W	●	980 mm	I	S/E	-	3022185	3.60 kg
T5	1 x 54 W	●	1280 mm	I	S/E	-	3022215	3.80 kg
T5	2 x 39 W	●	1900 mm	I	S/E	-	3022245	6.20 kg
T5	2 x 54 W	●	2500 mm	I	S/E	-	3022275	7.60 kg
T5	1 x 39 W	●	980 mm	I	S/E	-	3022195	3.60 kg
T5	1 x 54 W	●	1280 mm	I	S/E	-	3022225	3.80 kg
T5	2 x 39 W	●	1900 mm	I	S/E	-	3022255	6.20 kg
T5	2 x 54 W	●	2500 mm	I	S/E	-	3022285	7.60 kg

Photometrics



T5 1 x 39 W
Light output ratio 73%



T5 1 x 54 W
Light output ratio 76%

SL624AB LED

The SL624 LED surface-mounted luminaire is a high-quality and efficient light that offers high functionality in office environments and is designed in particular to provide innovative and comfortable office illumination. Its straightforward and classic design lets this luminaire slip seamlessly into any setting. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



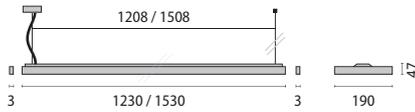
GR-RAL9006

WH-RAL9016

SL624AB LED PRISMATIC COVER

Surface mounted luminaire systems consisting of one or more luminaire-modules and individually selectable components.

- ↪ Housing made of steel sheet, powder-coated
- ↪ Prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↪ Direct light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Also dimmable via TouchDIM*
- ↪ Special colour versions available upon request
- ↪ Please have a look for the end caps at the list of accessories.



SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	○	1230 mm	80-89	I	S/A	-	3640 lm	2810 lm	L80 B10 50000 h	8624661323310	5.50 kg
LED	34 W	4000 K	○	1230 mm	80-89	I	S/A	-	3740 lm	2900 lm	L80 B10 50000 h	8624661323410	5.50 kg
LED	34 W	3000 K	●	1230 mm	80-89	I	S/A	-	3640 lm	2810 lm	L80 B10 50000 h	8624661323330	5.50 kg
LED	34 W	4000 K	●	1230 mm	80-89	I	S/A	-	3740 lm	2900 lm	L80 B10 50000 h	8624661323430	5.50 kg
LED	43 W	3000 K	○	1530 mm	80-89	I	S/A	-	4550 lm	3810 lm	L80 B10 50000 h	8624661403310	6.60 kg
LED	43 W	4000 K	○	1530 mm	80-89	I	S/A	-	4680 lm	3720 lm	L80 B10 50000 h	8624661403410	6.60 kg
LED	43 W	3000 K	●	1530 mm	80-89	I	S/A	-	4550 lm	3810 lm	L80 B10 50000 h	8624661403330	6.60 kg
LED	43 W	4000 K	●	1530 mm	80-89	I	S/A	-	4680 lm	3720 lm	L80 B10 50000 h	8624661403430	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	○	1230 mm	80-89	I	S/A	-	3640 lm	2810 lm	L80 B10 50000 h	8624661326310	5.50 kg
LED	34 W	4000 K	○	1230 mm	80-89	I	S/A	-	3740 lm	2900 lm	L80 B10 50000 h	8624661326410	5.50 kg
LED	34 W	3000 K	●	1230 mm	80-89	I	S/A	-	3640 lm	2810 lm	L80 B10 50000 h	8624661326330	5.50 kg
LED	34 W	4000 K	●	1230 mm	80-89	I	S/A	-	3740 lm	2900 lm	L80 B10 50000 h	8624661326430	5.50 kg
LED	43 W	3000 K	○	1530 mm	80-89	I	S/A	-	4550 lm	3810 lm	L80 B10 50000 h	8624661406310	6.60 kg
LED	43 W	4000 K	○	1530 mm	80-89	I	S/A	-	4680 lm	3720 lm	L80 B10 50000 h	8624661406410	6.60 kg
LED	43 W	3000 K	●	1530 mm	80-89	I	S/A	-	4550 lm	3810 lm	L80 B10 50000 h	8624661406330	6.60 kg
LED	43 W	4000 K	●	1530 mm	80-89	I	S/A	-	4680 lm	3720 lm	L80 B10 50000 h	8624661406430	6.60 kg

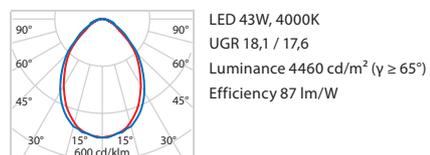
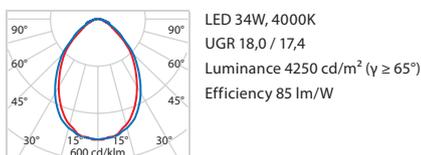
Accessories

DESCRIPTION	COLOUR/RAL	CODE
End caps (pair)	-	8624498010
End caps (pair)	-	8624498030



8624498010 8624498030

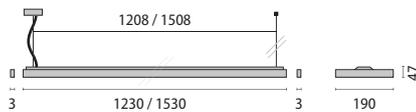
Photometrics



SL624AB LED LOUVRE

Surface mounted luminaire systems consisting of one or more luminaire-modules and individually selectable components.

- ↳ Housing made of steel sheet, powder-coated
- ↳ Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Special colour versions available upon request
- ↳ Please have a look for the end caps at the list of accessoires.



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	○	1230 mm	80-89	I	S/A	✓	3636 lm	3230 lm	L80 B10 50000 h	8624681323310	4.80 kg
LED	34 W	4000 K	○	1230 mm	80-89	I	S/A	✓	3740 lm	3330 lm	L80 B10 50000 h	8624681323410	4.80 kg
LED	34 W	3000 K	●	1230 mm	80-89	I	S/A	✓	3636 lm	3230 lm	L80 B10 50000 h	8624681323330	4.80 kg
LED	34 W	4000 K	●	1230 mm	80-89	I	S/A	✓	3740 lm	3330 lm	L80 B10 50000 h	8624681323430	4.80 kg
LED	43 W	3000 K	○	1530 mm	80-89	I	S/A	✓	4545 lm	4040 lm	L80 B10 50000 h	8624681403310	5.90 kg
LED	43 W	4000 K	○	1530 mm	80-89	I	S/A	✓	4675 lm	4170 lm	L80 B10 50000 h	8624681403410	5.90 kg
LED	43 W	3000 K	●	1530 mm	80-89	I	S/A	✓	4545 lm	4040 lm	L80 B10 50000 h	8624681403330	5.90 kg
LED	43 W	4000 K	●	1530 mm	80-89	I	S/A	✓	4675 lm	4170 lm	L80 B10 50000 h	8624681403430	5.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	○	1230 mm	80-89	I	S/A	✓	3636 lm	3230 lm	L80 B10 50000 h	8624681326310	4.80 kg
LED	34 W	4000 K	○	1230 mm	80-89	I	S/A	✓	3740 lm	3330 lm	L80 B10 50000 h	8624681326410	4.80 kg
LED	34 W	3000 K	●	1230 mm	80-89	I	S/A	✓	3636 lm	3230 lm	L80 B10 50000 h	8624681326330	4.80 kg
LED	34 W	4000 K	●	1230 mm	80-89	I	S/A	✓	3740 lm	3330 lm	L80 B10 50000 h	8624681326430	4.80 kg
LED	43 W	3000 K	○	1530 mm	80-89	I	S/A	✓	4545 lm	4040 lm	L80 B10 50000 h	8624681406310	5.90 kg
LED	43 W	4000 K	○	1530 mm	80-89	I	S/A	✓	4675 lm	4170 lm	L80 B10 50000 h	8624681406410	5.90 kg
LED	43 W	3000 K	●	1530 mm	80-89	I	S/A	✓	4545 lm	4040 lm	L80 B10 50000 h	8624681406330	5.90 kg
LED	43 W	4000 K	●	1530 mm	80-89	I	S/A	✓	4675 lm	4170 lm	L80 B10 50000 h	8624681406430	5.90 kg

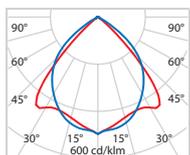
Accessories

DESCRIPTION	COLOUR/RAL	CODE
End caps (pair)	-	8624498010
End caps (pair)	-	8624498030

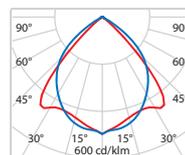


8624498010 8624498030

Photometrics



LED 34W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 98 lm/W



LED 43W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 97 lm/W

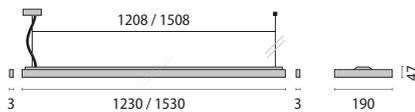
GR-RAL9006

WH-RAL9016

SL624AB LED ASYMMETRIC REFLECTOR

Surface mounted luminaire systems consisting of one or more luminaire-modules and individually selectable components.

- ↪ Housing made of steel sheet, powder-coated
- ↪ Asymmetric reflector made of high-reflectance aluminium (Al 99,98) for maximum luminaire efficiency and neutral colour reproduction
- ↪ Direct light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Also dimmable via TouchDIM*
- ↪ Special colour versions available upon request
- ↪ Please have a look for the end caps at the list of accessoires.



SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	50 W	3000 K	○	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624611323310	5.50 kg
LED	50 W	4000 K	○	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624611323410	5.50 kg
LED	50 W	3000 K	●	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624611323330	5.50 kg
LED	50 W	4000 K	●	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624611323430	5.50 kg
LED	62 W	3000 K	○	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624611403310	6.60 kg
LED	62 W	4000 K	○	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624611403410	6.60 kg
LED	62 W	3000 K	●	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624611403330	6.60 kg
LED	62 W	4000 K	●	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624611403430	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	50 W	3000 K	○	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624611326310	5.50 kg
LED	50 W	4000 K	○	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624611326410	5.50 kg
LED	50 W	3000 K	●	1230 mm	80-89	I	A20/M	-	3636 lm	3080 lm	L80 B10 50000 h	8624611326330	5.50 kg
LED	50 W	4000 K	●	1230 mm	80-89	I	A20/M	-	3740 lm	3170 lm	L80 B10 50000 h	8624611326430	5.50 kg
LED	62 W	3000 K	○	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624611406310	6.60 kg
LED	62 W	4000 K	○	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624611406410	6.60 kg
LED	62 W	3000 K	●	1530 mm	80-89	I	A20/M	-	4545 lm	3850 lm	L80 B10 50000 h	8624611406330	6.60 kg
LED	62 W	4000 K	●	1530 mm	80-89	I	A20/M	-	4675 lm	3970 lm	L80 B10 50000 h	8624611406430	6.60 kg

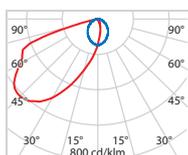
Accessories

DESCRIPTION	COLOUR/RAL	CODE
End caps (pair)	-	8624498010
End caps (pair)	-	8624498030

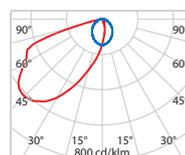


8624498010 8624498030

Photometrics



LED 50W, 4000K
Efficiency 63 lm/W



LED 62W, 4000K
Efficiency 64 lm/W

SL713AB LED

The SL713 surface mounted luminaire is a modern and filigree workplace light offering flexible and individual positioning options. It is particularly innovative and efficient thanks to an ultra-flat design of just 13 mm. The excellent craftsmanship of its profile connections creates a perfect look. The luminaire housing is made of a special 'Thin Skate' die cast aluminium profile, which is synonymous with outstanding quality of production. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



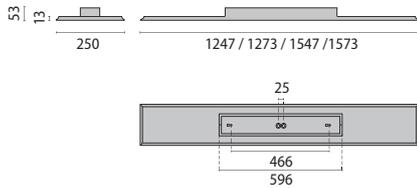
GR-RAL9006

WH-RAL9016

SL713AB LED MICROPRISMATIC COVER

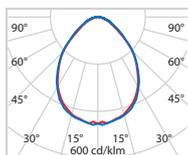
LED surface-mount luminaire for interior, comprising:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Also dimmable via TouchDIM*
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Colour rendering index Ra > 80
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- 3000 K colour temperature version on demand
- Special colour versions available upon request

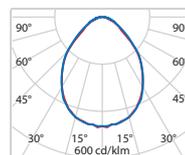


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	32 W	4000 K	○	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713661323410	5.90 kg
LED	32 W	4000 K	●	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713661323430	5.90 kg
LED	36 W	4000 K	○	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713661363410	8.20 kg
LED	36 W	4000 K	●	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713661363430	8.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	32 W	4000 K	○	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713661326410	5.90 kg
LED	32 W	4000 K	●	1247 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713661326430	5.90 kg
LED	36 W	4000 K	○	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713661366410	8.20 kg
LED	36 W	4000 K	●	1547 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713661366430	8.20 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	32 W	4000 K	○	1273 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713661328410	6.00 kg
LED	32 W	4000 K	●	1273 mm	80-89	I	S/A	✓	5900 lm	3890 lm	L80 B10 50000 h	8713661328430	6.00 kg
LED	36 W	4000 K	○	1573 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713661368410	8.50 kg
LED	36 W	4000 K	●	1573 mm	80-89	I	S/A	✓	6900 lm	4550 lm	L80 B10 50000 h	8713661368430	8.50 kg

Photometrics



LED 32W, 4000K
UGR 16,9 / 17,1
Luminance 2990 cd/m² (γ ≥ 65°)
Efficiency 122 lm/W



LED 36W, 4000K
UGR 16,7 / 16,8
Luminance 2890 cd/m² (γ ≥ 65°)
Efficiency 126 lm/W

SL720AB LED

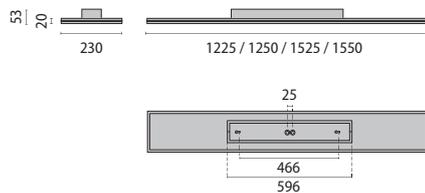
The surface-mounted SL720 LED luminaire is a highly functional and modern workplace light fixture for installation in offices. A gracefully slender silhouette with classic shadow gap to reduce the visual perception of height characterises the lamp's technical design. Just 20 mm high and enclosed in aluminium, the profile focuses attention on the unfussy microprism lenses, allowing the luminaire to blend unobtrusively into any room concept. The high light quality is a helpful asset in demanding visual tasks. Versions with daylight sensor or modern dimSMART! technology are also available.



SL720AB LED MICROPRISMA

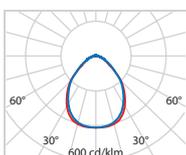
LED surface-mount luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Predominantly direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ Bluetooth sensor component for use with dimSMART! light control
- ↳ 3000 K colour temperature version on demand
- ↳ Continuous mounted version at www.light-performer.com
- ↳ Special colour versions available upon request
- ↳ For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)

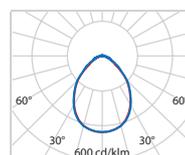


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	4000 K	○	1225 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661313414	6.50 kg
LED	34 W	4000 K	●	1225 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661313434	6.50 kg
LED	40 W	4000 K	○	1525 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661363414	7.50 kg
LED	40 W	4000 K	●	1525 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661363434	7.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	4000 K	○	1225 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661316414	6.50 kg
LED	34 W	4000 K	●	1225 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661316434	6.50 kg
LED	40 W	4000 K	○	1525 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661366414	7.50 kg
LED	40 W	4000 K	●	1525 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661366434	7.50 kg
Power LED Bluetooth sensor component for use with dimSMART! light control 220-240 V / 50-60 Hz													
LED	34 W	4000 K	○	1225 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661319414	6.50 kg
LED	34 W	4000 K	●	1225 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661319434	6.50 kg
LED	40 W	4000 K	○	1525 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661369414	7.50 kg
LED	40 W	4000 K	●	1525 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661369434	7.50 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	34 W	4000 K	○	1250 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661318414	6.50 kg
LED	34 W	4000 K	●	1250 mm	80-89	I	S/B	✓	5900 lm	3860 lm	L80 B10 50000 h	8720661318434	6.50 kg
LED	40 W	4000 K	○	1550 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661368414	7.50 kg
LED	40 W	4000 K	●	1550 mm	80-89	I	S/B	✓	7350 lm	4470 lm	L80 B10 50000 h	8720661368434	7.50 kg

Photometrics



LED 34W, 4000K
 direct 98% / indirect 2%
 UGR 16,4 / 16,4
 Luminance 2940 cd/m² (γ ≥ 65°)
 Efficiency 113 lm/W



LED 40W, 4000K
 direct 99% / indirect 1%
 UGR 16,2 / 16,0
 Luminance 2650 cd/m² (γ ≥ 65°)
 Efficiency 112 lm/W

SL740AB LED

The SL 740 LED surface mounted luminaire is a timeless PERFORMANCE IN LIGHTING classic that offers high functionality in office environments and is particularly suited for innovative and comfortable office illumination. Its straightforward design lets this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadow gap is a unique feature of the design. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona). Creating homogeneous light dispersion, the luminaire also accentuates the visual perception of horizontal and vertical ceiling sections.



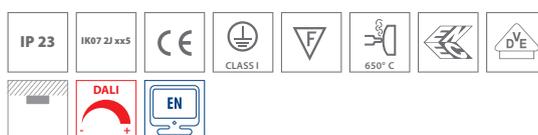
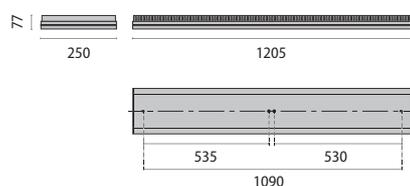
GR-RAL9006

WH-RAL9016

SL740AB LED MICROPRISMATIC COVER

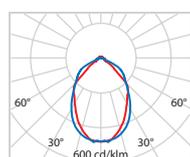
LED surface-mount luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Predominantly direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Special colour versions available upon request

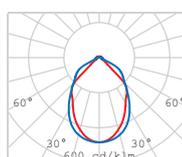


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	38 W	3000 K	○	1205 mm	80-89	I	S/A	✓	3920 lm	3200 lm	L80 B10 50000 h	8740661363310	10.60 kg
LED	38 W	4000 K	○	1205 mm	80-89	I	S/A	✓	4020 lm	3320 lm	L80 B10 50000 h	8740661363410	10.60 kg
LED	38 W	3000 K	●	1205 mm	80-89	I	S/A	✓	3920 lm	3200 lm	L80 B10 50000 h	8740661363330	10.60 kg
LED	38 W	4000 K	●	1205 mm	80-89	I	S/A	✓	4020 lm	3320 lm	L80 B10 50000 h	8740661363430	10.60 kg
LED	71 W	3000 K	○	1205 mm	80-89	I	S/A	-	9080 lm	6050 lm	L80 B10 50000 h	8740661723310	10.60 kg
LED	71 W	4000 K	○	1205 mm	80-89	I	S/A	-	9360 lm	6860 lm	L80 B10 50000 h	8740661723410	10.60 kg
LED	71 W	3000 K	●	1205 mm	80-89	I	S/A	-	9080 lm	6050 lm	L80 B10 50000 h	8740661723330	10.60 kg
LED	71 W	4000 K	●	1205 mm	80-89	I	S/A	-	9360 lm	6860 lm	L80 B10 50000 h	8740661723430	10.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	38 W	3000 K	○	1205 mm	80-89	I	S/A	✓	3920 lm	3200 lm	L80 B10 50000 h	8740661366310	10.60 kg
LED	38 W	4000 K	○	1205 mm	80-89	I	S/A	✓	4020 lm	3320 lm	L80 B10 50000 h	8740661366410	10.60 kg
LED	38 W	3000 K	●	1205 mm	80-89	I	S/A	✓	3920 lm	3200 lm	L80 B10 50000 h	8740661366330	10.60 kg
LED	38 W	4000 K	●	1205 mm	80-89	I	S/A	✓	4020 lm	3320 lm	L80 B10 50000 h	8740661366430	10.60 kg
LED	71 W	3000 K	○	1205 mm	80-89	I	S/A	-	9080 lm	6050 lm	L80 B10 50000 h	8740661726310	10.60 kg
LED	71 W	4000 K	○	1205 mm	80-89	I	S/A	-	9360 lm	6860 lm	L80 B10 50000 h	8740661726410	10.60 kg
LED	71 W	3000 K	●	1205 mm	80-89	I	S/A	-	9080 lm	6050 lm	L80 B10 50000 h	8740661726330	10.60 kg
LED	71 W	4000 K	●	1205 mm	80-89	I	S/A	-	9360 lm	6860 lm	L80 B10 50000 h	8740661726430	10.60 kg

Photometrics



LED 38W, 4000K
 direct 97% / indirect 3%
 UGR 16,9 / 14,3
 Luminance 2820 cd/m² (γ ≥ 65°)
 Efficiency 87 lm/W



LED 71W, 4000K
 direct 96% / indirect 4%
 UGR 19,4 / 16,0
 Luminance 6160 cd/m² (γ ≥ 65°)
 Efficiency 97 lm/W

SL764AB LED

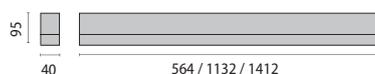
The SL764 LED surface-mounted luminaire comes with a delicately intricate and high-quality design for versatile uses. Available with the beautifully designed HIGH and FLAT cover models, the luminaire creates sophisticated architectural highlights that accentuate spatial qualities in particular. Diffuse and therefore harmonious in its effect, the system provides homogeneous illumination that helps improve visibility. Customers can therefore look forward to a highly versatile and modular luminaire system with a number of expansions to enable absolute conceptual freedom.



SL764AB LED OPAL COVER HIGH

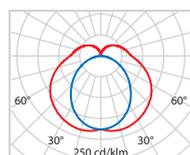
LED surface-mount luminaire for interior, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

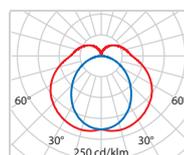


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	15 W	3000 K	●	564 mm	80-89	I	S/A	-	2180 lm	1430 lm	L80 B10 50000 h	8764651133370	1.50 kg
LED	15 W	4000 K	●	564 mm	80-89	I	S/A	-	2250 lm	1470 lm	L80 B10 50000 h	8764651133470	1.50 kg
LED	23 W	3000 K	●	564 mm	80-89	I	S/A	-	2720 lm	2260 lm	L80 B10 50000 h	8764651203370	1.50 kg
LED	23 W	4000 K	●	564 mm	80-89	I	S/A	-	2810 lm	2330 lm	L80 B10 50000 h	8764651203470	1.50 kg
LED	28 W	3000 K	●	1132 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764651253370	1.90 kg
LED	28 W	4000 K	●	1132 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764651253470	1.90 kg
LED	35 W	3000 K	●	1412 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764651313370	2.20 kg
LED	35 W	4000 K	●	1412 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764651313470	2.20 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764651403370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764651403470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764651503370	2.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764651503470	2.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	15 W	4000 K	●	564 mm	80-89	I	S/A	-	2250 lm	1470 lm	L80 B10 50000 h	8764651136470	1.50 kg
LED	15 W	3000 K	●	564 mm	80-89	I	S/A	-	2180 lm	1430 lm	L80 B10 50000 h	8764651136370	1.50 kg
LED	23 W	3000 K	●	564 mm	80-89	I	S/A	-	2720 lm	2260 lm	L80 B10 50000 h	8764651206370	1.50 kg
LED	23 W	4000 K	●	564 mm	80-89	I	S/A	-	2810 lm	2330 lm	L80 B10 50000 h	8764651206470	1.50 kg
LED	28 W	3000 K	●	1132 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764651256370	1.90 kg
LED	28 W	4000 K	●	1132 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764651256470	1.90 kg
LED	35 W	3000 K	●	1412 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764651316370	2.20 kg
LED	35 W	4000 K	●	1412 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764651316470	2.20 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764651406370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764651406470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764651506370	2.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764651506470	2.20 kg

Photometrics



LED 42W, 4000K
UGR 19,3 / 20,9
Luminance 12470 cd/m² (γ ≥ 65°)
Efficiency 109 lm/W



LED 53W, 4000K
UGR 19,3 / 20,9
Luminance 108890 cd/m² (γ ≥ 65°)
Efficiency 108 lm/W

SL764AB LED OPAL COVER FLAT

LED surface-mount luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764691403370	1.70 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764691403470	1.70 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764691503370	1.90 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764691503470	1.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764691406370	1.70 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764691406470	1.70 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764691506370	1.90 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764691506470	1.90 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1202 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764691408370	1.80 kg
LED	42 W	4000 K	●	1202 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764691408470	1.80 kg
LED	53 W	3000 K	●	1482 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764691508370	2.00 kg
LED	53 W	4000 K	●	1482 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764691508470	2.00 kg

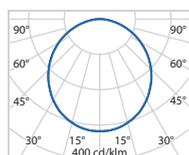
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Set for wall mounting	-	8764210070

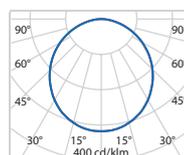


8764210070

Photometrics



LED 42W, 4000K
UGR 24,3 / 24,2
Luminance 26200 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 91 lm/W

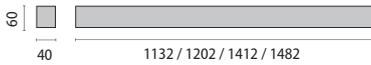


LED 53W, 4000K
UGR 24,3 / 24,2
Luminance 25980 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 90 lm/W

SL764AB LED MICROPRISMATIC COVER

LED surface-mount luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764661403370	1.70 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764661403470	1.70 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764661503370	1.90 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764661503470	1.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764661406370	1.70 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764661406470	1.70 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764661506370	1.90 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764661506470	1.90 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1202 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764661408370	1.80 kg
LED	42 W	4000 K	●	1202 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764661408470	1.80 kg
LED	53 W	3000 K	●	1482 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764661508370	2.00 kg
LED	53 W	4000 K	●	1482 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764661508470	2.00 kg

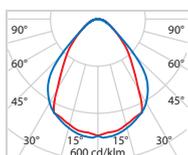
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Set for wall mounting	-	8764210070

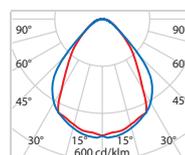


8764210070

Photometrics



LED 42W, 4000K
UGR 22,0 / 21,1
Luminance 13050 cd/m² (γ ≥ 65°)
Efficiency 92 lm/W

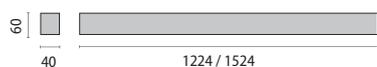


LED 53W, 4000K
UGR 22,0 / 21,1
Luminance 12770 cd/m² (γ ≥ 65°)
Efficiency 91 lm/W

SL764AB LED ASYMMETRIC REFLECTOR

LED surface-mount luminaire for interior, comprising:

- ↪ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↪ Asymmetric reflector made of high-reflectance aluminium (Al 99,98) for maximum luminaire efficiency and neutral colour reproduction
- ↪ Direct light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Also dimmable via TouchDIM*
- ↪ Flexible choice of feed points
- ↪ Special colour versions available upon request
- ↪ Continuous mounted version at www.light-performer.com



SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	29 W	3000 K	●	1224 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764611253370	1.70 kg
LED	29 W	4000 K	●	1224 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764611253470	1.70 kg
LED	34 W	3000 K	●	1524 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764611283370	1.90 kg
LED	34 W	4000 K	●	1524 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764611283470	1.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	29 W	3000 K	●	1224 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764611256370	1.70 kg
LED	29 W	4000 K	●	1224 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764611256470	1.70 kg
LED	34 W	3000 K	●	1524 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764611286370	1.90 kg
LED	34 W	4000 K	●	1524 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764611286470	1.90 kg

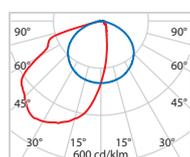
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Set for wall mounting	-	8764210070

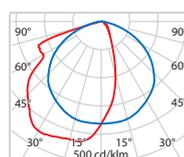


8764210070

Photometrics



LED 29W, 4000K
Efficiency 100 lm/W



LED 34W, 4000K
Efficiency 100 lm/W



SL787AB LED

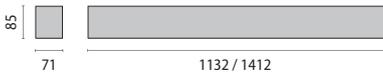
The SL789 surface mounted luminaire is a high-quality light for flexible applications. It is particularly suited to innovative and comfortable office lighting, and creates an especially appealing room atmosphere thanks to its variety of optional light inserts and optics. Blending easy installation with efficient mounted, it also possesses a clear and straightforward language of forms to beautifully complement the architecture. Modest elegance and clear lines in high-class eloxy finish are characteristic features of the modern design and allow planning options with continuous row layouts.



SL787AB LED OPAL COVER

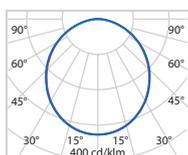
LED surface-mount luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

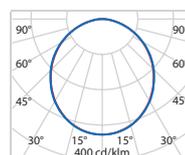


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	2990 lm	L80 B10 50000 h	8787691483370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3090 lm	L80 B10 50000 h	8787691483470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3740 lm	L80 B10 50000 h	8787691603370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	3860 lm	L80 B10 50000 h	8787691603470	4.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	2990 lm	L80 B10 50000 h	8787691486370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3090 lm	L80 B10 50000 h	8787691486470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3740 lm	L80 B10 50000 h	8787691606370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	3860 lm	L80 B10 50000 h	8787691606470	4.00 kg

Photometrics



LED 34W, 4000K
UGR 21,4 / 21,3
Luminance 11070 cd/m² (γ ≥ 65°)
Efficiency 90 lm/W

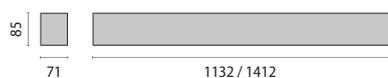


LED 43W, 4000K
UGR 21,4 / 21,3
Luminance 11600 cd/m² (γ ≥ 65°)
Efficiency 89 lm/W

SL787AB LED MICROPRISMATIC COVER

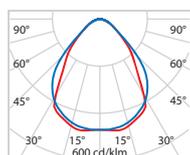
LED surface-mount luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

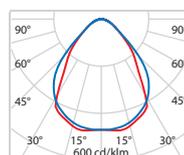


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	3180 lm	L80 B10 50000 h	8787661483370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3280 lm	L80 B10 50000 h	8787661483470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3980 lm	L80 B10 50000 h	8787661603370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	4100 lm	L80 B10 50000 h	8787661603470	4.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	●	1132 mm	80-89	I	S/A	-	4540 lm	3180 lm	L80 B10 50000 h	8787661486370	3.30 kg
LED	34 W	4000 K	●	1132 mm	80-89	I	S/A	-	4680 lm	3280 lm	L80 B10 50000 h	8787661486470	3.30 kg
LED	43 W	3000 K	●	1412 mm	80-89	I	S/A	-	5680 lm	3980 lm	L80 B10 50000 h	8787661606370	4.00 kg
LED	43 W	4000 K	●	1412 mm	80-89	I	S/A	-	5850 lm	4100 lm	L80 B10 50000 h	8787661606470	4.00 kg

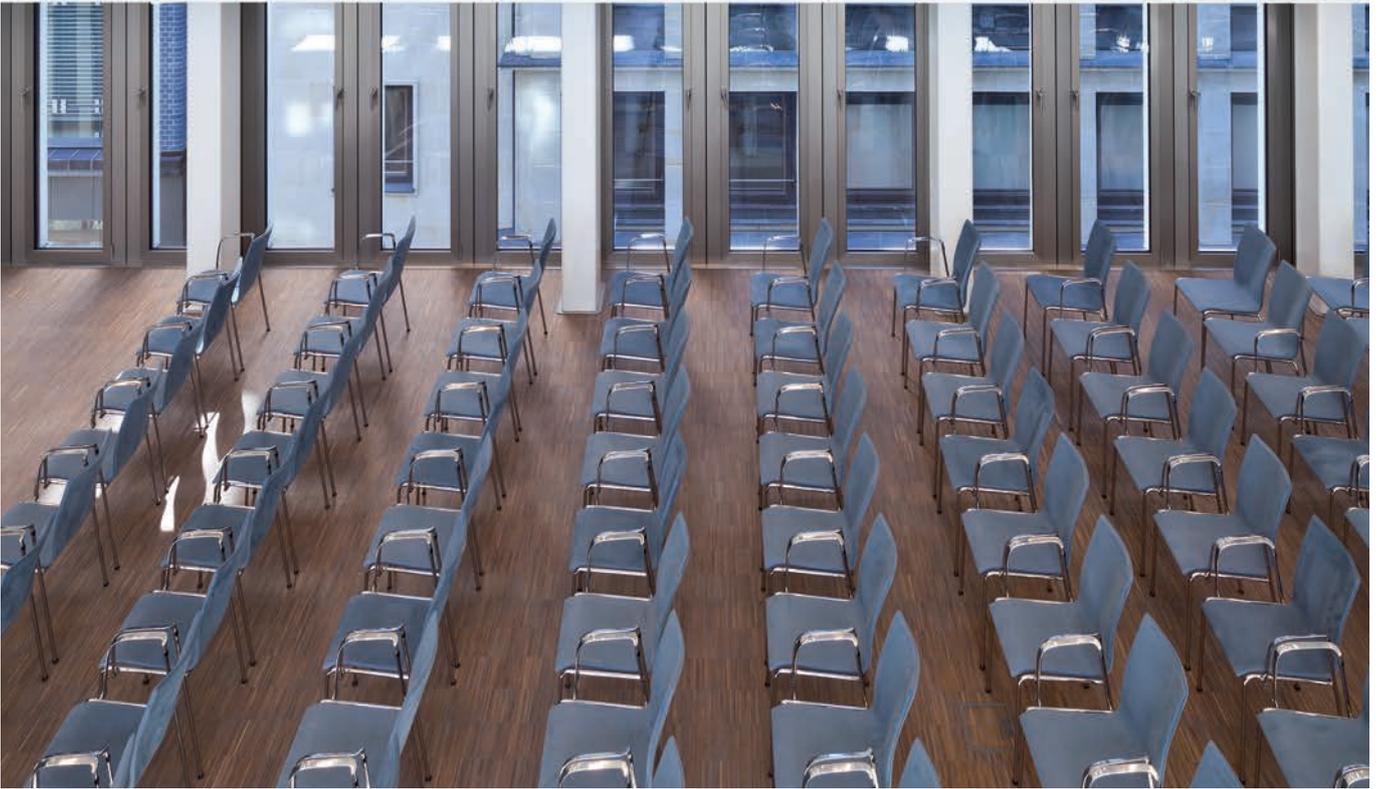
Photometrics



LED 34W, 4000K
UGR 19,3 / 18,6
Luminance 5360 cd/m² (γ ≥ 65°)
Efficiency 96 lm/W



LED 43W, 4000K
UGR 19,3 / 18,6
Luminance 5510 cd/m² (γ ≥ 65°)
Efficiency 95 lm/W



SL789AB LED

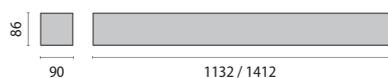
The SL789 LED surface-mounted luminaire comes with a high-quality design for versatile uses. The defining features of the SL789 lighting system include its just 90 mm opening and the large number of model variants. A variety of high-quality lenses enable buyers to create a uniform lighting concept throughout the building. Besides their easy-fit installation and mounting, the luminaires possess a clear and unfussy design vocabulary that gracefully highlights the particular architectural features. Discrete elegance and straightforward lines in high-quality anodised design characterise the modern look, creating freedom for individual planning variations with strip lighting.



SL789AB LED OPAL COVER

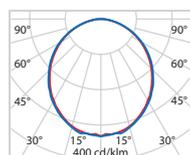
LED surface-mount luminaire for interior, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

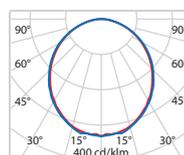


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789691463370	3.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789691463470	3.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789691573370	4.80 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789691573470	4.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789691466370	3.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789691466470	3.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789691576370	4.80 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789691576470	4.80 kg

Photometrics



LED 42W, 4000K
UGR 21,2 / 21,1
Luminance 11030 cd/m² (γ ≥ 65°)
Efficiency 86 lm/W

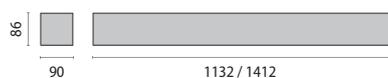


LED 53W, 4000K
UGR 21,2 / 21,1
Luminance 11030 cd/m² (γ ≥ 65°)
Efficiency 86 lm/W

SL789AB LED MICROPRISMATIC COVER

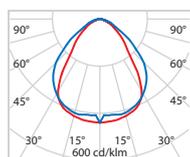
LED surface-mount luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

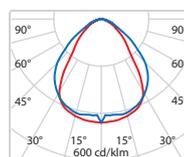


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789661463370	4.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789661463470	4.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789661573370	5.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789661573470	5.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789661466370	4.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789661466470	4.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789661576370	5.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789661576470	5.20 kg

Photometrics



LED 42W, 4000K
UGR 18,7 / 18,1
Luminance 7890 cd/m² (γ ≥ 65°)
Efficiency 89 lm/W

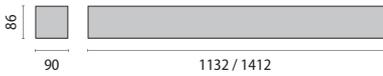


LED 53W, 4000K
UGR 18,7 / 18,1
Luminance 7890 cd/m² (γ ≥ 65°)
Efficiency 88 lm/W

SL789AB LED LOUVRE

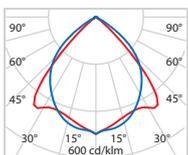
LED surface-mount luminaire for interior, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- VDU application suitable acc. to EN 12464-1
- Special colour versions available upon request
- Through-wiring version available upon request

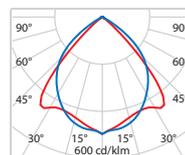


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	37 W	3000 K	●	1132 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789681463370	3.80 kg
LED	37 W	4000 K	●	1132 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789681463470	3.80 kg
LED	45 W	3000 K	●	1412 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789681573370	4.80 kg
LED	45 W	4000 K	●	1412 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789681573470	4.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	37 W	3000 K	●	1132 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789681466370	3.80 kg
LED	37 W	4000 K	●	1132 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789681466470	3.80 kg
LED	45 W	3000 K	●	1412 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789681576370	4.80 kg
LED	45 W	4000 K	●	1412 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789681576470	4.80 kg

Photometrics



LED 37W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 90 lm/W



LED 45W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 93 lm/W

NEW YORK AB LED

The NEW YORK LED surface mounted luminaire is a high-quality light for flexible applications. A fascinating black and white photograph 'Lunch atop a skyscraper' provided inspiration here. The unique language of forms stands for urban lifestyle, stability and sustainability. The luminaire body consists of an aluminium profile in innovative 'LightTrail' design. A variety of optional optics create an appealing room atmosphere.



NEW YORK AB LED OPAL COVER

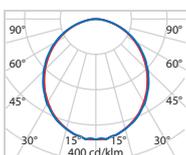
LED surface-mount luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Special colour versions available upon request

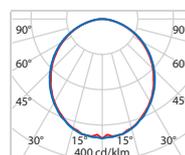


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791691483310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791691483410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791691483330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791691483430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791691603310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791691603410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791691603330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791691603430	4.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791691486310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791691486410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791691486330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	4050 lm	L80 B10 50000 h	8791691486430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791691606310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791691606410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	5070 lm	L80 B10 50000 h	8791691606330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5350 lm	L80 B10 50000 h	8791691606430	4.30 kg

Photometrics



LED 42W, 4000K
UGR 21,5 / 21,3
Luminance 11970 cd/m² (γ ≥ 65°)
Efficiency 96 lm/W



LED 53W, 4000K
UGR 21,7 / 21,5
Luminance 12720 cd/m² (γ ≥ 65°)
Efficiency 101 lm/W

NEW YORK AB LED MICROPRISMATIC COVER

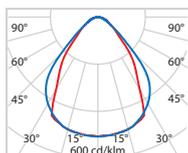
LED surface-mount luminaire for interior, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Special colour versions available upon request

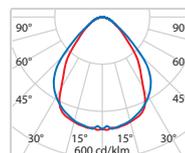


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791661483310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791661483340	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791661483330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791661483430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791661603310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791661603410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791661603330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791661603430	4.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791661486310	3.60 kg
LED	42 W	4000 K	○	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791661486410	3.60 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	4560 lm	3380 lm	L80 B10 50000 h	8791661486330	3.60 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	4760 lm	3640 lm	L80 B10 50000 h	8791661486430	3.60 kg
LED	53 W	3000 K	○	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791661606310	4.30 kg
LED	53 W	4000 K	○	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791661606410	4.30 kg
LED	53 W	3000 K	●	1425 mm	80-89	I	S/A	-	5700 lm	4820 lm	L80 B10 50000 h	8791661606330	4.30 kg
LED	53 W	4000 K	●	1425 mm	80-89	I	S/A	-	5950 lm	5100 lm	L80 B10 50000 h	8791661606430	4.30 kg

Photometrics



LED 42W, 4000K
UGR 18,6 / 17,6
Luminance 4760 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 87 lm/W

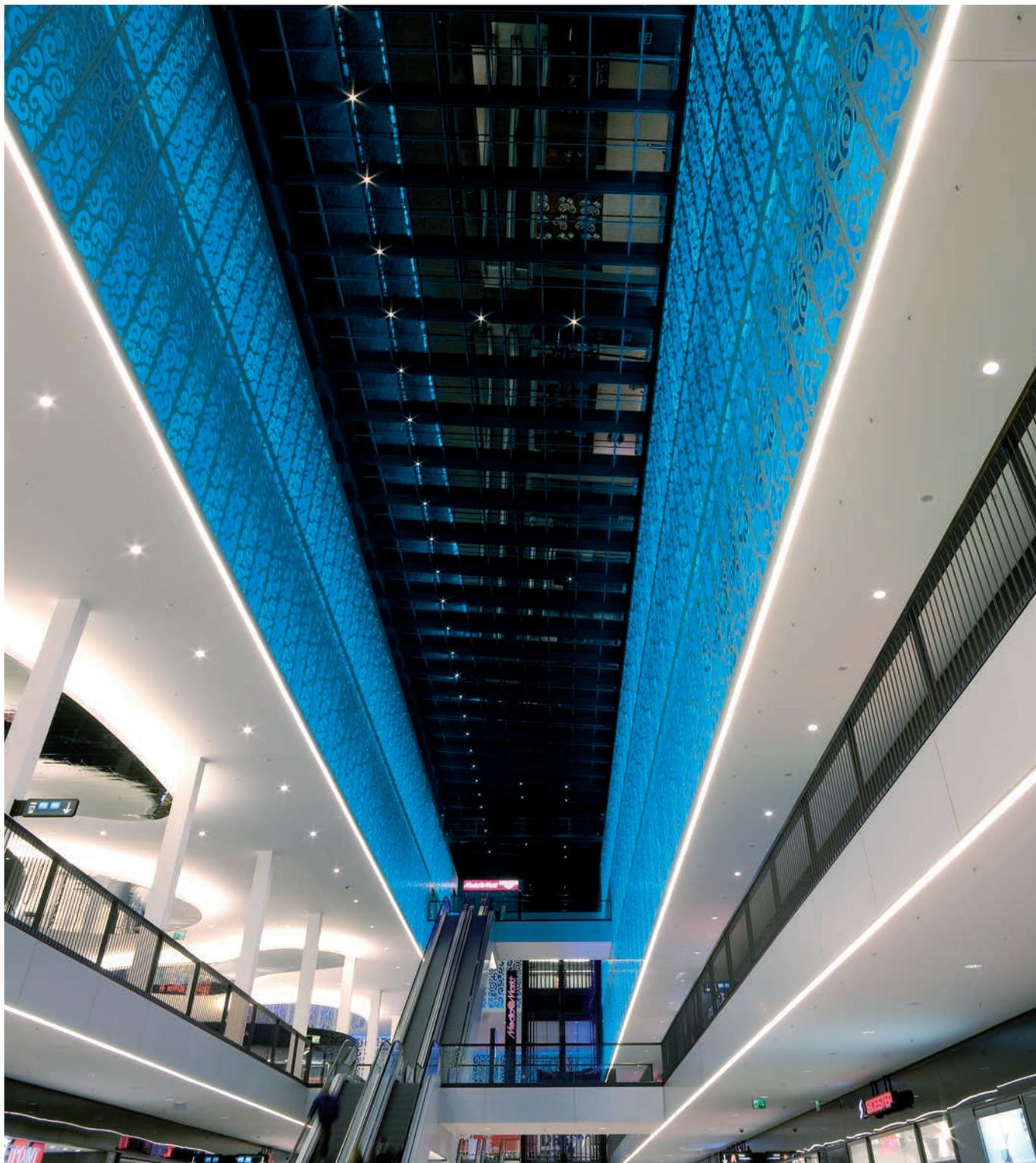


LED 53W, 4000K
UGR 19,6 / 18,5
Luminance 6000 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 96 lm/W



SL764EB LED

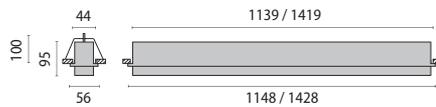
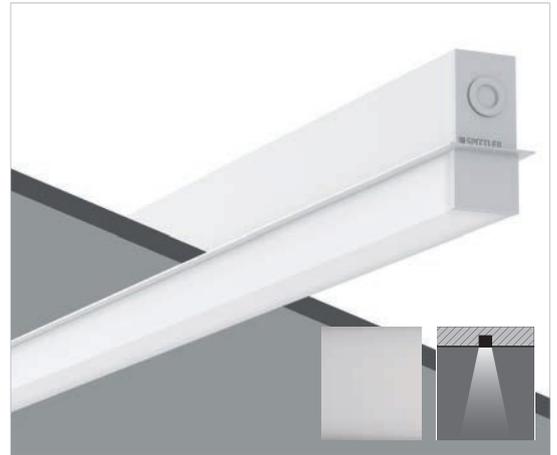
The SL764 LED recessed luminaire comes with a delicately intricate and high-quality design for versatile uses. Available with the beautifully designed HIGH and FLAT cover models, the luminaire creates sophisticated architectural highlights that accentuate spatial qualities in particular. Diffuse and therefore harmonious in its effect, the system provides homogeneous illumination that helps improve visibility. Customers can therefore look forward to a highly versatile and modular luminaire system with a number of expansions to enable absolute conceptual freedom.



SL764EB FRAME LED OPAL COVER HIGH

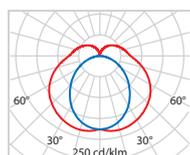
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium profile housing, die-cast aluminium end caps, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

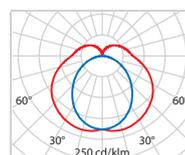


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	28 W	3000 K	○	1148 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764551253310	2.20 kg
LED	28 W	4000 K	○	1148 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764551253410	2.20 kg
LED	35 W	3000 K	○	1428 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764551313310	2.50 kg
LED	35 W	4000 K	○	1428 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764551313410	2.50 kg
LED	42 W	3000 K	○	1148 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764551403310	2.20 kg
LED	42 W	4000 K	○	1148 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764551403410	2.20 kg
LED	53 W	3000 K	○	1428 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764551503310	2.50 kg
LED	53 W	4000 K	○	1428 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764551503410	2.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	28 W	3000 K	○	1148 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764551256310	2.20 kg
LED	28 W	4000 K	○	1148 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764551256410	2.20 kg
LED	35 W	3000 K	○	1428 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764551316310	2.50 kg
LED	35 W	4000 K	○	1428 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764551316410	2.50 kg
LED	42 W	3000 K	○	1148 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764551406310	2.20 kg
LED	42 W	4000 K	○	1148 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764551406410	2.20 kg
LED	53 W	3000 K	○	1428 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764551506310	2.50 kg
LED	53 W	4000 K	○	1428 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764551506410	2.50 kg

Photometrics



LED 42W, 4000K
UGR 19,3 / 20,9
Luminance 12470 cd/m² (γ ≥ 65°)
Efficiency 109 lm/W

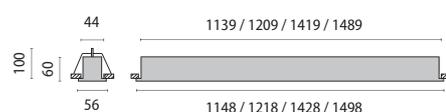


LED 53W, 4000K
UGR 19,3 / 20,9
Luminance 108890 cd/m² (γ ≥ 65°)
Efficiency 108 lm/W

SL764EB FRAME LED OPAL COVER FLAT

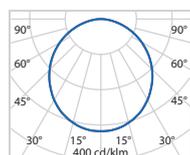
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium profile housing, die-cast aluminium end caps, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

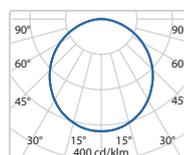


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1148 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764591403310	2.00 kg
LED	42 W	4000 K	○	1148 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764591403410	2.00 kg
LED	53 W	3000 K	○	1428 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764591503310	2.20 kg
LED	53 W	4000 K	○	1428 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764591503410	2.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1148 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764591406310	2.00 kg
LED	42 W	4000 K	○	1148 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764591406410	2.00 kg
LED	53 W	3000 K	○	1428 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764591506310	2.20 kg
LED	53 W	4000 K	○	1428 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764591506410	2.20 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1218 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764591408310	2.10 kg
LED	42 W	4000 K	○	1218 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764591408410	2.10 kg
LED	53 W	3000 K	○	1498 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764591508310	2.30 kg
LED	53 W	4000 K	○	1498 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764591508410	2.30 kg

Photometrics



LED 42W, 4000K
UGR 24,3 / 24,2
Luminance 26200 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 91 lm/W

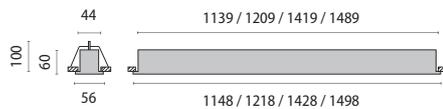


LED 53W, 4000K
UGR 24,3 / 24,2
Luminance 25980 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 90 lm/W

SL764EB FRAME LED MICROPRISMATIC COVER

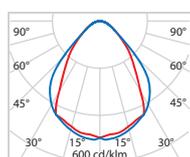
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

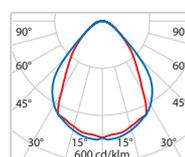


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1148 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764561403310	2.00 kg
LED	42 W	4000 K	○	1148 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764561403410	2.00 kg
LED	53 W	3000 K	○	1428 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764561503310	2.20 kg
LED	53 W	4000 K	○	1428 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764561503410	2.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1148 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764561406310	2.00 kg
LED	42 W	4000 K	○	1148 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764561406410	2.00 kg
LED	53 W	3000 K	○	1428 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764561506310	2.20 kg
LED	53 W	4000 K	○	1428 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764561506410	2.20 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1218 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764561408310	2.10 kg
LED	42 W	4000 K	○	1218 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764561408410	2.10 kg
LED	53 W	3000 K	○	1498 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764561508310	2.30 kg
LED	53 W	4000 K	○	1498 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764561508410	2.30 kg

Photometrics



LED 42W, 4000K
UGR 22,0 / 21,1
Luminance 13050 cd/m² (γ ≥ 65°)
Efficiency 92 lm/W

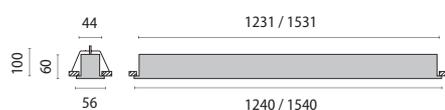


LED 53W, 4000K
UGR 22,0 / 21,1
Luminance 12770 cd/m² (γ ≥ 65°)
Efficiency 91 lm/W

SL764EB FRAME LED ASYMMETRIC REFLECTOR

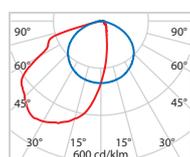
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium profile housing, die-cast aluminium end caps, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Special colour versions available upon request
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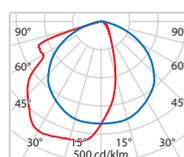


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	29 W	3000 K	○	1240 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764511253310	2.00 kg
LED	29 W	4000 K	○	1240 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764511253410	2.00 kg
LED	34 W	3000 K	○	1540 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764511283310	2.20 kg
LED	34 W	4000 K	○	1540 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764511283410	2.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	29 W	3000 K	○	1240 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764511256310	2.00 kg
LED	29 W	4000 K	○	1240 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764511256410	2.00 kg
LED	34 W	3000 K	○	1540 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764511286310	2.20 kg
LED	34 W	4000 K	○	1540 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764511286410	2.20 kg

Photometrics



LED 29W, 4000K
Efficiency 100 lm/W

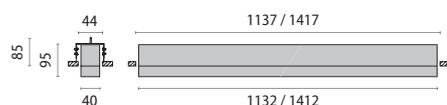


LED 34W, 4000K
Efficiency 100 lm/W

SL764EB LED OPAL COVER HIGH

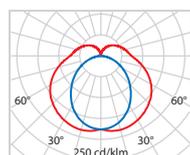
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

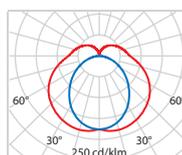


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	28 W	3000 K	●	1132 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764151253370	2.10 kg
LED	28 W	4000 K	●	1132 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764151253470	2.10 kg
LED	35 W	3000 K	●	1412 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764151313370	2.40 kg
LED	35 W	4000 K	●	1412 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764151313470	2.40 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764151403370	2.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764151403470	2.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764151503370	2.40 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764151503470	2.40 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	28 W	3000 K	●	1132 mm	80-89	I	S/A	-	3270 lm	2740 lm	L80 B10 50000 h	8764151256370	2.10 kg
LED	28 W	4000 K	●	1132 mm	80-89	I	S/A	-	3370 lm	2830 lm	L80 B10 50000 h	8764151256470	2.10 kg
LED	35 W	3000 K	●	1412 mm	80-89	I	S/A	-	4090 lm	3430 lm	L80 B10 50000 h	8764151316370	2.40 kg
LED	35 W	4000 K	●	1412 mm	80-89	I	S/A	-	4220 lm	3530 lm	L80 B10 50000 h	8764151316470	2.40 kg
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	4440 lm	L80 B10 50000 h	8764151406370	2.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	4570 lm	L80 B10 50000 h	8764151406470	2.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	5540 lm	L80 B10 50000 h	8764151506370	2.40 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	5720 lm	L80 B10 50000 h	8764151506470	2.40 kg

Photometrics



LED 42W, 4000K
UGR 19,3 / 20,9
Luminance 12470 cd/m² (γ ≥ 65°)
Efficiency 109 lm/W

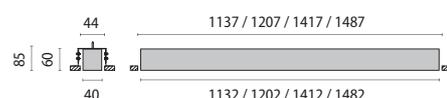


LED 53W, 4000K
UGR 19,3 / 20,9
Luminance 108890 cd/m² (γ ≥ 65°)
Efficiency 108 lm/W

SL764EB LED OPAL COVER FLAT

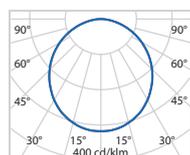
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

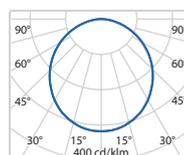


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764191403370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764191403470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764191503370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764191503470	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764191406370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764191406470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764191506370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764191506470	2.10 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1202 mm	80-89	I	S/A	-	5290 lm	3720 lm	L80 B10 50000 h	8764191408370	2.00 kg
LED	42 W	4000 K	●	1202 mm	80-89	I	S/A	-	5460 lm	3830 lm	L80 B10 50000 h	8764191408470	2.00 kg
LED	53 W	3000 K	●	1482 mm	80-89	I	S/A	-	6620 lm	4640 lm	L80 B10 50000 h	8764191508370	2.20 kg
LED	53 W	4000 K	●	1482 mm	80-89	I	S/A	-	6820 lm	4790 lm	L80 B10 50000 h	8764191508470	2.20 kg

Photometrics



LED 42W, 4000K
UGR 24,3 / 24,2
Luminance 26200 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 91 lm/W

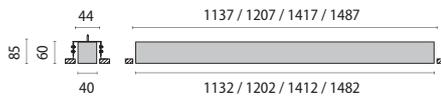
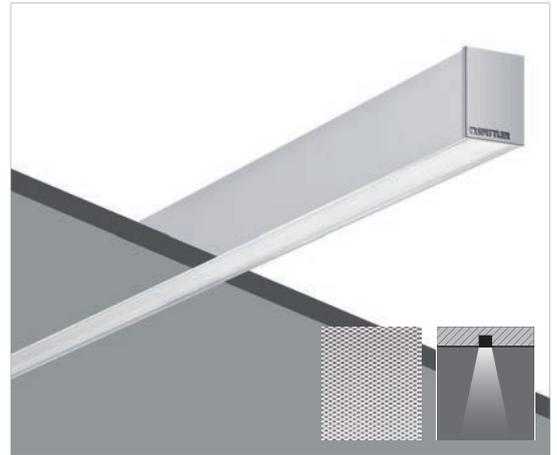


LED 53W, 4000K
UGR 24,3 / 24,2
Luminance 25980 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 90 lm/W

SL764EB LED MICROPRISMATIC COVER

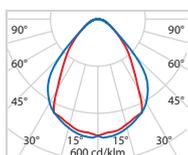
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

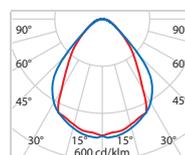


SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764161403370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764161403470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764161503370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764161503470	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764161406370	1.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764161406470	1.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764161506370	2.10 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764161506470	2.10 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1202 mm	80-89	I	S/M	-	5290 lm	3750 lm	L80 B10 50000 h	8764161408370	2.00 kg
LED	42 W	4000 K	●	1202 mm	80-89	I	S/M	-	5460 lm	3870 lm	L80 B10 50000 h	8764161408470	2.00 kg
LED	53 W	3000 K	●	1482 mm	80-89	I	S/M	-	6620 lm	4690 lm	L80 B10 50000 h	8764161508370	2.20 kg
LED	53 W	4000 K	●	1482 mm	80-89	I	S/M	-	6820 lm	4840 lm	L80 B10 50000 h	8764161508470	2.20 kg

Photometrics



LED 42W, 4000K
UGR 22,0 / 21,1
Luminance 13050 cd/m² (γ ≥ 65°)
Efficiency 92 lm/W

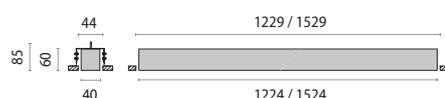


LED 53W, 4000K
UGR 22,0 / 21,1
Luminance 12770 cd/m² (γ ≥ 65°)
Efficiency 91 lm/W

SL764EB LED ASYMMETRIC REFLECTOR

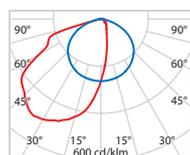
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Asymmetric reflector made of high-reflectance aluminium (Al 99,98) for maximum luminaire efficiency and neutral colour reproduction
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

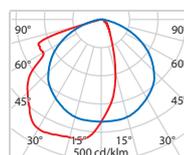


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	29 W	3000 K	●	1224 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764111253370	1.90 kg
LED	29 W	4000 K	●	1224 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764111253470	1.90 kg
LED	34 W	3000 K	●	1524 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764111283370	2.10 kg
LED	34 W	4000 K	●	1524 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764111283470	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	29 W	3000 K	●	1224 mm	80-89	I	A20/M	-	3160 lm	2830 lm	L80 B10 50000 h	8764111256370	1.90 kg
LED	29 W	4000 K	●	1224 mm	80-89	I	A20/M	-	3260 lm	2910 lm	L80 B10 50000 h	8764111256470	1.90 kg
LED	34 W	3000 K	●	1524 mm	80-89	I	A20/M	-	3690 lm	3290 lm	L80 B10 50000 h	8764111286370	2.10 kg
LED	34 W	4000 K	●	1524 mm	80-89	I	A20/M	-	3800 lm	3390 lm	L80 B10 50000 h	8764111286470	2.10 kg

Photometrics



LED 29W, 4000K
Efficiency 100 lm/W



LED 34W, 4000K
Efficiency 100 lm/W



SL787EB LED

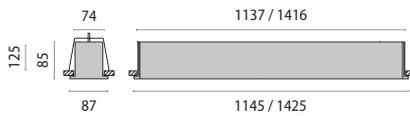
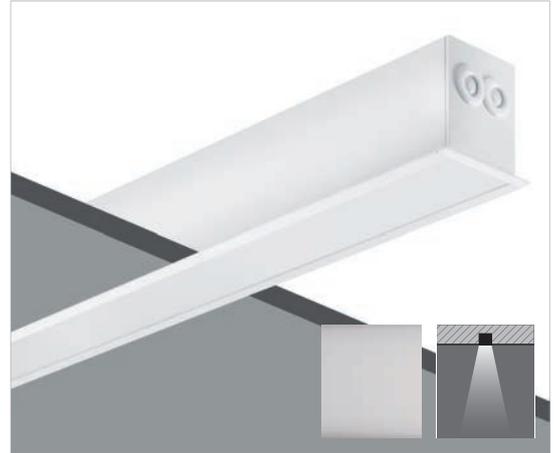
The SL787 LED recessed luminaire is a high-quality light for flexible applications. It is particularly suited to innovative and comfortable office lighting, and creates an especially appealing room atmosphere thanks to its variety of optional light inserts and optics. Blending easy installation with efficient mounting, it also possesses a clear and straightforward language of forms to beautifully complement the architecture. Modest elegance and clear lines in high-class eloxy finish are characteristic features of the modern design and allow planning options with continuous row layouts.



SL787EB LED OPAL COVER

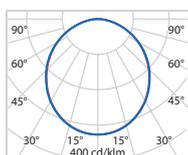
Recessed LED indoor luminaire, comprising:

- Extruded aluminum profile housing, die-cast aluminum end caps, powder coated
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

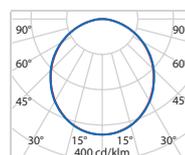


SOURCE	POWER	KELVIN	COLOUR/RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	○	1145 mm	80-89	I	S/A	-	4540 lm	2990 lm	L80 B10 50000 h	8787591483310	3.30 kg
LED	34 W	4000 K	○	1145 mm	80-89	I	S/A	-	4680 lm	3090 lm	L80 B10 50000 h	8787591483410	3.30 kg
LED	43 W	3000 K	○	1425 mm	80-89	I	S/A	-	5680 lm	3740 lm	L80 B10 50000 h	8787591603310	3.30 kg
LED	43 W	4000 K	○	1425 mm	80-89	I	S/A	-	5850 lm	3860 lm	L80 B10 50000 h	8787591603410	3.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	○	1145 mm	80-89	I	S/A	-	4540 lm	2990 lm	L80 B10 50000 h	8787591486310	3.30 kg
LED	34 W	4000 K	○	1145 mm	80-89	I	S/A	-	4680 lm	3090 lm	L80 B10 50000 h	8787591486410	3.30 kg
LED	43 W	3000 K	○	1425 mm	80-89	I	S/A	-	5680 lm	3740 lm	L80 B10 50000 h	8787591606310	3.30 kg
LED	43 W	4000 K	○	1425 mm	80-89	I	S/A	-	5850 lm	3860 lm	L80 B10 50000 h	8787591606410	3.30 kg

Photometrics



LED 34W, 4000K
 UGR 21,4 / 21,3
 Luminance 11070 cd/m² (γ ≥ 65°)
 Efficiency 91 lm/W

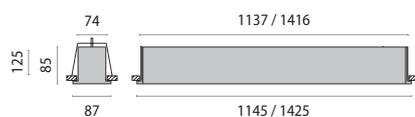
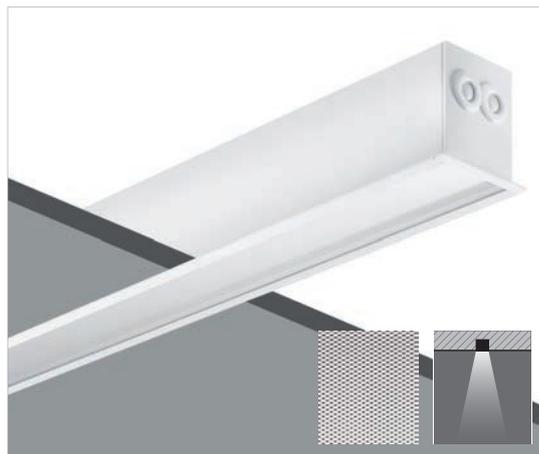


LED 43W, 4000K
 UGR 21,4 / 21,3
 Luminance 11600 cd/m² (γ ≥ 65°)
 Efficiency 90 lm/W

SL787EB LED MICROPRISMATIC COVER

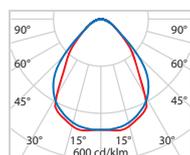
Recessed LED indoor luminaire, comprising:

- Extruded aluminum profile housing, die-cast aluminum end caps, powder coated
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

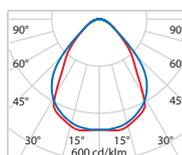


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	34 W	3000 K	○	1145 mm	80-89	I	S/A	-	4540 lm	3180 lm	L80 B10 50000 h	8787561483310	3.30 kg
LED	34 W	4000 K	○	1145 mm	80-89	I	S/A	-	4680 lm	3280 lm	L80 B10 50000 h	8787561483410	3.30 kg
LED	43 W	3000 K	○	1425 mm	80-89	I	S/A	-	5680 lm	3980 lm	L80 B10 50000 h	8787561603310	3.30 kg
LED	43 W	4000 K	○	1425 mm	80-89	I	S/A	-	5850 lm	4100 lm	L80 B10 50000 h	8787561603410	3.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	34 W	3000 K	○	1145 mm	80-89	I	S/A	-	4540 lm	3180 lm	L80 B10 50000 h	8787561486310	3.30 kg
LED	34 W	4000 K	○	1145 mm	80-89	I	S/A	-	4680 lm	3280 lm	L80 B10 50000 h	8787561486410	3.30 kg
LED	43 W	3000 K	○	1425 mm	80-89	I	S/A	-	5680 lm	3980 lm	L80 B10 50000 h	8787561606310	3.30 kg
LED	43 W	4000 K	○	1425 mm	80-89	I	S/A	-	5850 lm	4100 lm	L80 B10 50000 h	8787561606410	3.30 kg

Photometrics



LED 34W, 4000K
 UGR 19,3 / 18,6
 Luminance 5360 cd/m² (γ ≥ 65°)
 Efficiency 96 lm/W



LED 43W, 4000K
 UGR 19,3 / 18,6
 Luminance 5510 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W



SL789EB LED

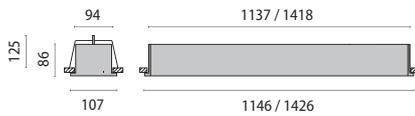
The SL789 LED recessed luminaire comes in a high-quality design for versatile uses. The defining features of the SL789 LED lighting system include its just 90/107 mm opening and the large number of model variants. A variety of high-quality lenses enable buyers to create a uniform lighting concept throughout the building. Besides their easy-fit installation and mounting, the luminaires possess a clear and unfussy design vocabulary that gracefully highlights the particular architectural features.



SL789EB FRAME LED OPAL COVER

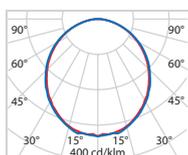
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

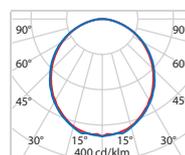


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1146 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789591463310	4.00 kg
LED	42 W	4000 K	○	1146 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789591463410	4.00 kg
LED	53 W	3000 K	○	1426 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789591573310	4.90 kg
LED	53 W	4000 K	○	1426 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789591573410	4.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	4000 K	○	1146 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789591466410	4.00 kg
LED	42 W	3000 K	○	1146 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789591466310	4.00 kg
LED	53 W	4000 K	○	1426 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789591576410	4.90 kg
LED	53 W	3000 K	○	1426 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789591576310	4.90 kg

Photometrics



LED 42W, 4000K
UGR 21,2 / 21,1
Luminance 11030 cd/m² (γ ≥ 65°)
Efficiency 86 lm/W

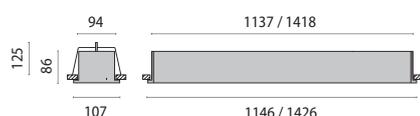


LED 53W, 4000K
UGR 21,2 / 21,1
Luminance 11030 cd/m² (γ ≥ 65°)
Efficiency 86 lm/W

SL789EB FRAME LED MICROPRISMATIC COVER

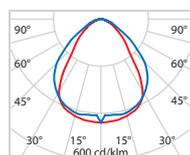
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium profile housing, die-cast aluminium end caps, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

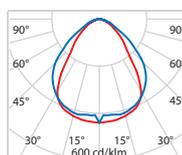


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	○	1146 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789561463310	4.00 kg
LED	42 W	4000 K	○	1146 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789561463410	4.00 kg
LED	53 W	3000 K	○	1426 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789561573310	4.90 kg
LED	53 W	4000 K	○	1426 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789561573410	4.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	○	1146 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789561466310	4.00 kg
LED	42 W	4000 K	○	1146 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789561466410	4.00 kg
LED	53 W	3000 K	○	1426 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789561576310	4.90 kg
LED	53 W	4000 K	○	1426 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789561576410	4.90 kg

Photometrics



LED 42W, 4000K
UGR 18,7 / 18,1
Luminance 7890 cd/m² (γ ≥ 65°)
Efficiency 89 lm/W



LED 53W, 4000K
UGR 18,7 / 18,1
Luminance 7890 cd/m² (γ ≥ 65°)
Efficiency 88 lm/W

SL789EB FRAME LED LOUVRE

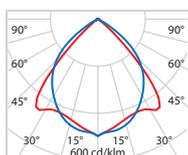
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Special colour versions available upon request
- ↳ Through-wiring version available upon request

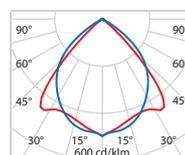


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	37 W	3000 K	○	1146 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789581463310	4.00 kg
LED	37 W	4000 K	○	1146 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789581463410	4.00 kg
LED	45 W	3000 K	○	1426 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789581573310	4.90 kg
LED	45 W	4000 K	○	1426 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789581573410	4.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	37 W	3000 K	○	1146 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789581466310	4.00 kg
LED	37 W	4000 K	○	1146 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789581466410	4.00 kg
LED	45 W	3000 K	○	1426 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789581576310	4.90 kg
LED	45 W	4000 K	○	1426 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789581576410	4.90 kg

Photometrics



LED 37W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 90 lm/W

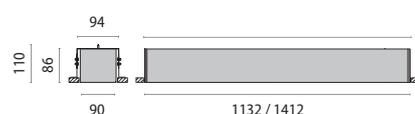
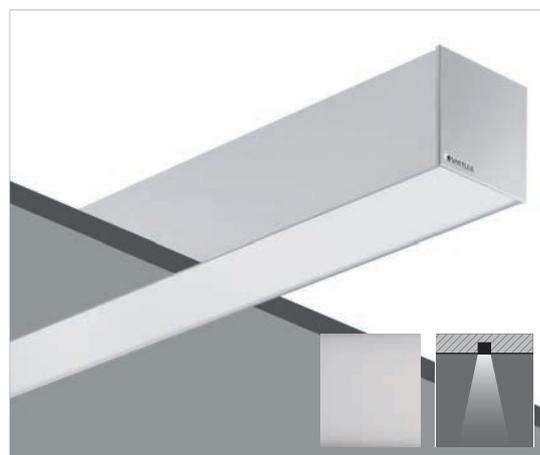


LED 45W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 93 lm/W

SL789EB LED OPAL COVER

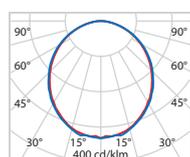
LED ceiling mount indoor luminaire, comprising:

- ↳ Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Flexible choice of feed points
- ↳ Includes recessed mounting kit
- ↳ Special colour versions available upon request
- ↳ Continuous mounted version at www.light-performer.com

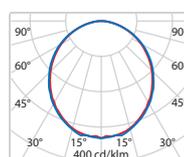


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789191463370	3.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789191463470	3.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789191573370	4.80 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789191573470	4.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3520 lm	L80 B10 50000 h	8789191466370	3.90 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3630 lm	L80 B10 50000 h	8789191466470	3.90 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4400 lm	L80 B10 50000 h	8789191576370	4.80 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4540 lm	L80 B10 50000 h	8789191576470	4.80 kg

Photometrics



LED 42W, 4000K
UGR 21,2 / 21,1
Luminance 11030 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 86 lm/W

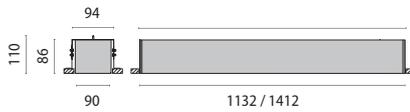
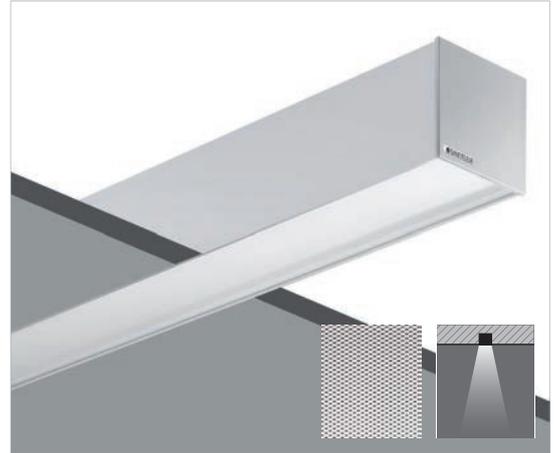


LED 53W, 4000K
UGR 21,2 / 21,1
Luminance 11030 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 86 lm/W

SL789EB LED MICROPRISMATIC COVER

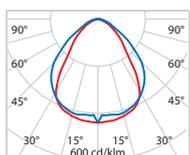
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- Special colour versions available upon request
- Continuous mounted version at www.light-performer.com

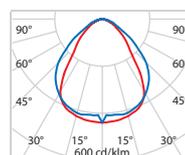


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789161463370	4.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789161463470	4.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789161573370	5.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789161573470	5.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	42 W	3000 K	●	1132 mm	80-89	I	S/A	-	5290 lm	3630 lm	L80 B10 50000 h	8789161466370	4.10 kg
LED	42 W	4000 K	●	1132 mm	80-89	I	S/A	-	5460 lm	3740 lm	L80 B10 50000 h	8789161466470	4.10 kg
LED	53 W	3000 K	●	1412 mm	80-89	I	S/A	-	6620 lm	4540 lm	L80 B10 50000 h	8789161576370	5.20 kg
LED	53 W	4000 K	●	1412 mm	80-89	I	S/A	-	6820 lm	4680 lm	L80 B10 50000 h	8789161576470	5.20 kg

Photometrics



LED 42W, 4000K
UGR 18,7 / 18,1
Luminance 7890 cd/m² (γ ≥ 65°)
Efficiency 89 lm/W

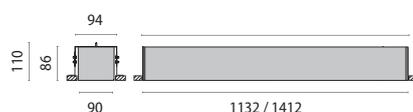


LED 53W, 4000K
UGR 18,7 / 18,1
Luminance 7890 cd/m² (γ ≥ 65°)
Efficiency 88 lm/W

SL789EB LED LOUVRE

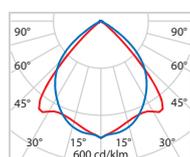
LED ceiling mount indoor luminaire, comprising:

- Extruded aluminium housing, anodised (EV1), die-cast aluminium endcaps, powder painted
- Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Flexible choice of feed points
- Includes recessed mounting kit
- VDU application suitable acc. to EN 12464-1
- Special colour versions available upon request
- Through-wiring version available upon request

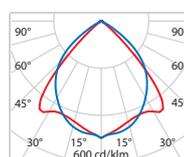


SOURCE	POWER	KELVIN	COLOUR/ RAL	LENGTH	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz													
LED	37 W	3000 K	●	1132 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789181463370	3.80 kg
LED	37 W	4000 K	●	1132 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789181463470	3.80 kg
LED	45 W	3000 K	●	1412 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789181573370	4.80 kg
LED	45 W	4000 K	●	1412 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789181573470	4.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz													
LED	37 W	3000 K	●	1132 mm	80-89	I	S/A	✓	5990 lm	3230 lm	L80 B10 50000 h	8789181466370	3.80 kg
LED	37 W	4000 K	●	1132 mm	80-89	I	S/A	✓	6180 lm	3330 lm	L80 B10 50000 h	8789181466470	3.80 kg
LED	45 W	3000 K	●	1412 mm	80-89	I	S/A	✓	7490 lm	4040 lm	L80 B10 50000 h	8789181576370	4.80 kg
LED	45 W	4000 K	●	1412 mm	80-89	I	S/A	✓	7730 lm	4170 lm	L80 B10 50000 h	8789181576470	4.80 kg

Photometrics



LED 37W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 90 lm/W



LED 45W, 4000K
UGR 19,3 / 18,2
Luminance 1110 cd/m² (γ ≥ 65°)
Efficiency 93 lm/W



SL713SL LED

The SL713 LED free-standing luminaire is a modern workplace light offering flexible and individual positioning options. It is particularly innovative and efficient thanks to an ultra-flat luminaire head design of just 13 mm. The luminaire housing is made of a special 'Thin Skate' die cast aluminium profile, which is synonymous with outstanding quality of production. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



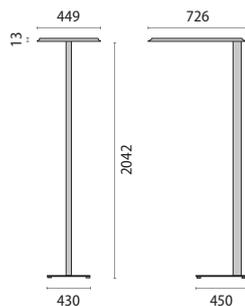
GR-RAL9006

WH-RAL9016

SL713SL LED MICROPRISMATIC COVER

LED free-standing luminaire for interior, including:

- ↳ Luminaire head and tube made of aluminium profile, base made of sheet steel, powder-coated
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ The functional U-foot allows flexible placing under the desk
- ↳ LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ VDU application suitable acc. to EN 12464-1
- ↳ Complete with flexible power cord with plug
- ↳ Sensor device available with task oriented PIR detector and daylight control
- ↳ 3000 K colour temperature version on demand
- ↳ Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	63 W	4000 K	○		I	S/C	✓	9200 lm	7310 lm	L80 B10 50000 h	8713761565411	18.00 kg
LED	63 W	4000 K	●		I	S/C	✓	9200 lm	7310 lm	L80 B10 50000 h	8713761565431	18.00 kg
LED	82 W	4000 K	○		I	S/C	✓	12000 lm	9310 lm	L80 B10 50000 h	8713761745411	18.00 kg
LED	82 W	4000 K	●		I	S/C	✓	12000 lm	9310 lm	L80 B10 50000 h	8713761745431	18.00 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	63 W	4000 K	○		I	S/C	✓	9200 lm	7310 lm	L80 B10 50000 h	8713761568411	18.00 kg
LED	63 W	4000 K	●		I	S/C	✓	9200 lm	7310 lm	L80 B10 50000 h	8713761568431	18.00 kg
LED	82 W	4000 K	○		I	S/C	✓	12000 lm	9310 lm	L80 B10 50000 h	8713761748411	18.00 kg
LED	82 W	4000 K	●		I	S/C	✓	12000 lm	9310 lm	L80 B10 50000 h	8713761748431	18.00 kg

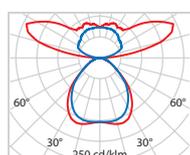
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257

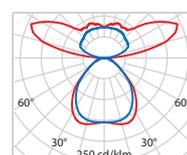


8118000647 8118000257

Photometrics



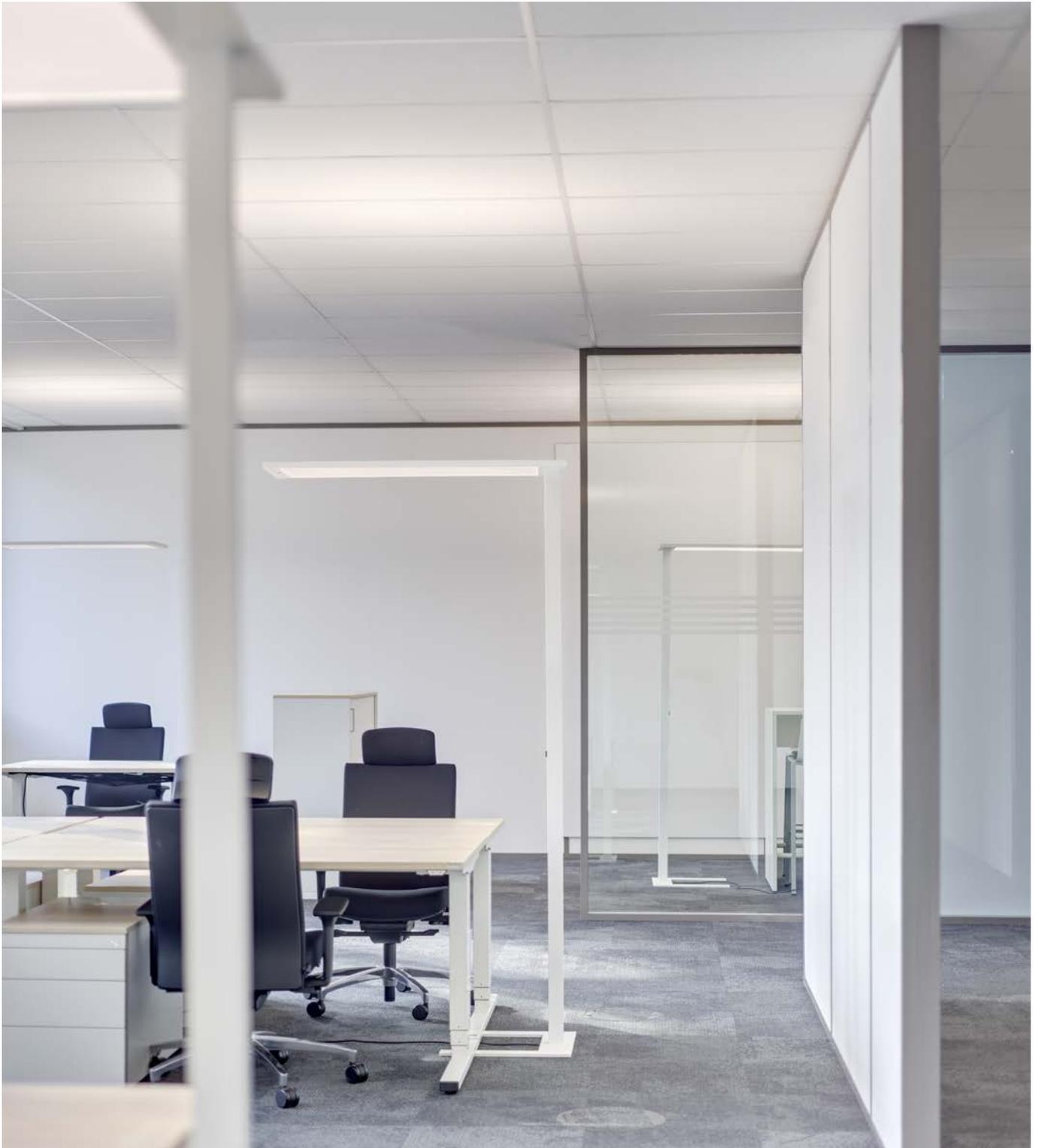
LED 63W, 4000K
 direct 43% / indirect 57%
 UGR 11,7 / 12,1
 Luminance 2390 cd/m² (γ ≥ 65°)
 Efficiency 116 lm/W



LED 82W, 4000K
 direct 43% / indirect 57%
 UGR 12,6 / 12,9
 Luminance 2970 cd/m² (γ ≥ 65°)
 Efficiency 114 lm/W

SL720SL LED

The free-standing SL720 LED luminaire is a modern workplace light fixture for flexible installation in offices. A gracefully slender silhouette with classic shadow gap to reduce the visual perception of height characterises the lamp's technical design. Just 20 mm high and enclosed in aluminium, the profile focuses attention on the unfussy microprism lens, allowing the luminaire to blend unobtrusively into any room concept. The XL model also guarantees anti-glare lighting for double workplaces. Modern technologies such as Human Centric Lighting or Tunable White permit outstanding energy efficiency while also promoting the health and well-being of persons working in the immediate vicinity.



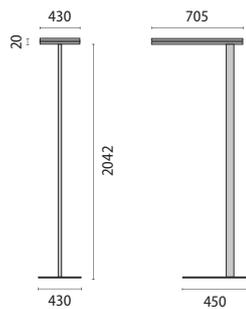
GR-RAL9006

WH-RAL9016

SL720SL L ECO LED MICROPRISMA

LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Complete with flexible power cord with plug
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- 3000 K colour temperature version on demand
- Special colour versions available upon request
- For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	82 W	4000 K	○		I	S/D	✓	12400 lm	8940 lm	L80 B10 50000 h	8720761745410	15.60 kg
LED	82 W	4000 K	●		I	S/D	✓	12400 lm	8940 lm	L80 B10 50000 h	8720761745430	15.60 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	82 W	4000 K	○		I	S/D	✓	12400 lm	8940 lm	L80 B10 50000 h	8720761748410	15.60 kg
LED	82 W	4000 K	●		I	S/D	✓	12400 lm	8940 lm	L80 B10 50000 h	8720761748430	15.60 kg

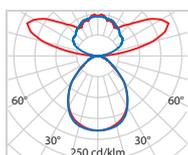
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257



8118000647 8118000257

Photometrics

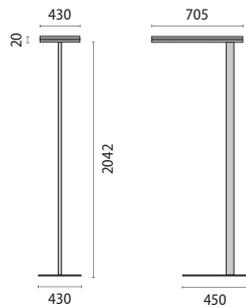


LED 82W, 4000K
 direct 42% / indirect 58%
 UGR 12,4 / 12,4
 Luminance 2830 cd/m² (γ ≥ 65°)
 Efficiency 109 lm/W

SL720SL L LED MICROPRISMA

LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Direct share of light dimmable; colour temperature 4000K
- Complete with flexible power cord with plug
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- Light colour and brightness of indirect light share manually adjustable via Tunable White control
- Light colour and brightness of indirect light share automatically adjustable via HCL (Human Centric Lighting) for wholesome and performance-enhancing management of the biorhythm
- 3000 K colour temperature version on demand
- Special colour versions available upon request
- For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	114 W	4000 K	○		I	S/D	✓	15500 lm	13660 lm	L80 B10 50000 h	8720761115410	15.60 kg
LED	114 W	4000 K	●		I	S/D	✓	15500 lm	13660 lm	L80 B10 50000 h	8720761115430	15.60 kg
TunableWhite Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	85 W	2700 K	○		I	S/D	✓	11500 lm	10120 lm	L80 B10 50000 h	8720761775910	15.60 kg
LED	85 W	2700 K	●		I	S/D	✓	11500 lm	10120 lm	L80 B10 50000 h	8720761775930	15.60 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	114 W	4000 K	○		I	S/D	✓	15500 lm	13660 lm	L80 B10 50000 h	8720761118410	15.60 kg
LED	114 W	4000 K	●		I	S/D	✓	15500 lm	13660 lm	L80 B10 50000 h	8720761118430	15.60 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	85 W	2700 K	○		I	S/D	✓	11500 lm	10120 lm	L80 B10 50000 h	8720761778910	15.60 kg
LED	85 W	2700 K	●		I	S/D	✓	11500 lm	10120 lm	L80 B10 50000 h	8720761778930	15.60 kg
TunableWhite Power LED Human Centric Lighting control 220-240 V / 50-60 Hz												
LED	85 W	2700 K	○		I	S/D	✓	11500 lm	10120 lm	L80 B10 50000 h	8720761779910	15.60 kg
LED	85 W	2700 K	●		I	S/D	✓	11500 lm	10120 lm	L80 B10 50000 h	8720761779930	15.60 kg

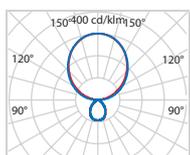
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257

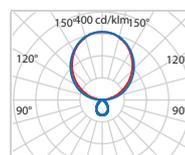


8118000647 8118000257

Photometrics



LED 85W, 2700 6200K
direct 18% / indirect 82%
UGR 6,2 / 6,2
Luminance 1330 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 119 lm/W



LED 114W, 4000K
direct 13% / indirect 87%
UGR / -
Luminance 1400 cd/m² ($\gamma \geq 65^\circ$)
Efficiency 120 lm/W

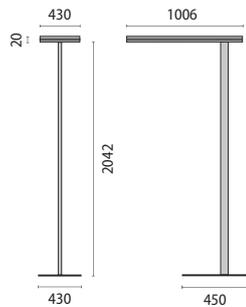
GR-RAL9006

WH-RAL9016

SL720SL XL LED MICROPRISMA

LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Suitable for simultaneous lighting of 2 workstations
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Direct share of light dimmable; colour temperature 4000K
- Complete with flexible power cord with plug
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- Light colour and brightness of indirect light share manually adjustable via Tunable White control
- Light colour and brightness of indirect light share automatically adjustable via HCL (Human Centric Lighting) for wholesome and performance-enhancing management of the biorhythm
- 3000 K colour temperature version on demand
- Special colour versions available upon request
- For the innovative lighting technology of these lights patent is applied for (No. 10201511701.2)



SOURCE	POWER	KELVIN	COLOUR/RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	166 W	4000 K	○		I	S/D	✓	22250 lm	19560 lm	L80 B10 50000 h	8720761165410	17.40 kg
LED	166 W	4000 K	●		I	S/D	✓	22250 lm	19560 lm	L80 B10 50000 h	8720761165430	17.40 kg
TunableWhite Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	118 W	2700 K	○		I	S/D	✓	15800 lm	14300 lm	L80 B10 50000 h	8720761105910	17.40 kg
LED	118 W	2700 K	●		I	S/D	✓	15800 lm	14300 lm	L80 B10 50000 h	8720761105930	17.40 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	166 W	4000 K	○		I	S/D	✓	22250 lm	19560 lm	L80 B10 50000 h	8720761168410	17.40 kg
LED	166 W	4000 K	●		I	S/D	✓	22250 lm	19560 lm	L80 B10 50000 h	8720761168430	17.40 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	118 W	2700 K	○		I	S/D	✓	15800 lm	14300 lm	L80 B10 50000 h	8720761108910	17.40 kg
LED	118 W	2700 K	●		I	S/D	✓	15800 lm	14300 lm	L80 B10 50000 h	8720761108930	17.40 kg
TunableWhite Power LED Human Centric Lighting control 220-240 V / 50-60 Hz												
LED	118 W	2700 K	○		I	S/D	✓	15800 lm	14300 lm	L80 B10 50000 h	8720761109910	17.40 kg
LED	118 W	2700 K	●		I	S/D	✓	15800 lm	14300 lm	L80 B10 50000 h	8720761109930	17.40 kg

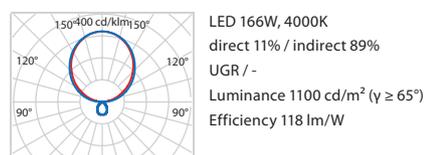
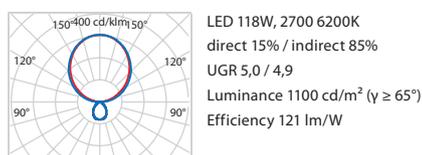
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257



8118000647 8118000257

Photometrics



SL740SL LED

The SL 740 LED free-standing luminaire is a timeless PERFORMANCE IN LIGHTING classic that offers high functionality in office environments and is particularly suited for innovative and comfortable office illumination. The XL design guarantees anti-glare lighting, even for double workstations. Its straightforward and modern language of forms lets this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadowgap is a unique feature of the design. An anti-glare microprism cover provides for an appealing room atmosphere. Creating homogeneous light dispersion, the luminaire also accentuates the visual perception of horizontal and vertical ceiling sections.



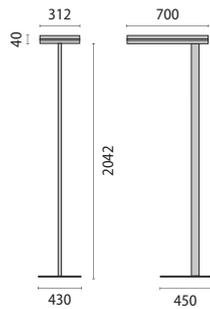
GR-RAL9006

WH-RAL9016

SL740SL L ECO LED MICROPRISMATIC COVER

LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- VDU application suitable acc. to EN 12464-1
- Complete with flexible power cord with plug
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	65 W	4000 K	○		I	S/C	✓	9000 lm	7290 lm	L80 B10 50000 h	8740761605411	18.00 kg
LED	65 W	4000 K	●		I	S/C	✓	9000 lm	7290 lm	L80 B10 50000 h	8740761605431	18.00 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	65 W	4000 K	○		I	S/C	✓	9000 lm	7290 lm	L80 B10 50000 h	8740761608411	18.00 kg
LED	65 W	4000 K	●		I	S/C	✓	9000 lm	7290 lm	L80 B10 50000 h	8740761608431	18.00 kg

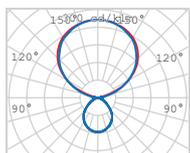
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257



8118000647 8118000257

Photometrics



LED 65W, 4000K
 direct 25% / indirect 75%
 UGR 7,5 / 7,4
 Luminance 1990 cd/m² (γ ≥ 65°)
 Efficiency 112 lm/W

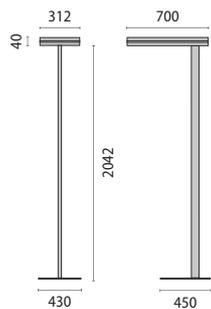
GR-RAL9006

WH-RAL9016

SL740SL L LED MICROPRISMATIC COVER

LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- VDU application suitable acc. to EN 12464-1
- Complete with flexible power cord with plug
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	87 W	4000 K	○		I	S/C	✓	13000 lm	10500 lm	L80 B10 50000 h	8740761935411	18.00 kg
LED	87 W	4000 K	●		I	S/C	✓	13000 lm	10500 lm	L80 B10 50000 h	8740761935431	18.00 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	87 W	4000 K	●		I	S/C	✓	13000 lm	10500 lm	L80 B10 50000 h	8740761938431	18.00 kg
LED	87 W	4000 K	○		I	S/C	✓	13000 lm	10500 lm	L80 B10 50000 h	8740761938411	18.00 kg

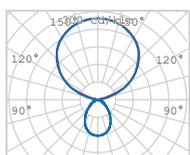
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257



8118000647 8118000257

Photometrics



LED 87W, 4000K
 direct 22% / indirect 78%
 UGR 11,6 / 11,3
 Luminance 2970 cd/m² (γ ≥ 65°)
 Efficiency 121 lm/W

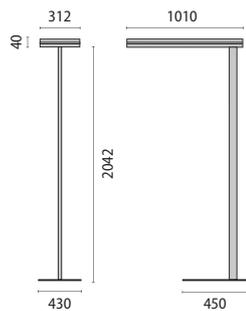
GR-RAL9006

WH-RAL9016

SL740SL XL LED MICROPRISMATIC COVER

LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Suitable for simultaneous lighting of 2 workstations
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- VDU application suitable acc. to EN 12464-1
- Complete with flexible power cord with plug
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI with switch-key 220-240 V / 50-60 Hz												
LED	130 W	4000 K	○		I	S/D	✓	20000 lm	15990 lm	L80 B10 50000 h	8740761135411	18.00 kg
LED	130 W	4000 K	●		I	S/D	✓	20000 lm	15990 lm	L80 B10 50000 h	8740761135431	18.00 kg
Power LED daylight sensor and PIR detector 220-240 V / 50-60 Hz												
LED	130 W	4000 K	○		I	S/D	✓	20000 lm	15990 lm	L80 B10 50000 h	8740761138411	18.00 kg
LED	130 W	4000 K	●		I	S/D	✓	20000 lm	15990 lm	L80 B10 50000 h	8740761138431	18.00 kg

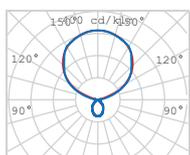
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Remote control "User"	-	8118000647
Remote control "Master"	-	8118000257



8118000647 8118000257

Photometrics



LED 130W, 4000K
 direct 13% / indirect 87%
 Luminance 2800 cd/m² (γ ≥ 65°)
 Efficiency 123 lm/W

SL789SL LED

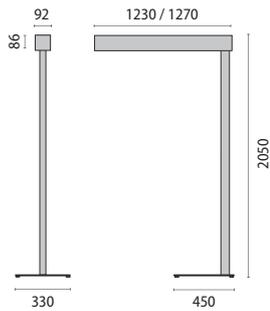
The SL 789 LED free-standing luminaire comes in a high-quality design for versatile uses. Its urban and minimalist design has a stylish look that highlights the architectural features. The versatility and flexibility are additional benefits. The high light quality is a helpful asset in demanding visual tasks. Moreover, the homogeneous light scatter improves the visibility of horizontal and vertical room and ceiling surfaces.



SL789SL LED LOUVRE

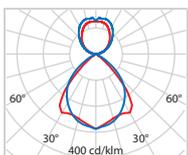
LED free-standing luminaire for interior, including:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Aluminium raster with mirror finish MIRO* (Al 99,98) with glossy vacuum coating
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- VDU application suitable acc. to EN 12464-1
- Sensor device available with task oriented PIR detector and daylight control
- Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED - 220/240 V 50/60 Hz												
LED	74 W	3000 K	●		I	S/B	✓	8980 lm	5610 lm	L80 B10 50000 h	8789781693330	13.50 kg
LED	74 W	4000 K	●		I	S/B	✓	9280 lm	6780 lm	L80 B10 50000 h	8789781693430	13.50 kg
Power LED - dimmable DALI - 220-240 V / 50-60 Hz												
LED	74 W	3000 K	●		I	S/B	✓	8980 lm	5610 lm	L80 B10 50000 h	8789781695330	13.50 kg
LED	74 W	4000 K	●		I	S/B	✓	9280 lm	6780 lm	L80 B10 50000 h	8789781695430	13.50 kg
Power LED - daylight sensor and PIR detector - 220-240 V / 50-60 Hz												
LED	74 W	3000 K	●		I	S/B	✓	8980 lm	5610 lm	L80 B10 50000 h	8789781698330	13.50 kg
LED	74 W	4000 K	●		I	S/B	✓	9280 lm	6780 lm	L80 B10 50000 h	8789781698430	13.50 kg

Photometrics



LED 74W, 4000K
 direct 60% / indirect 40%
 UGR 17,4 / 16,4
 Luminance 1860 cd/m² ($\gamma \geq 65^\circ$)
 Efficiency 92 lm/W

SL730SL

The SL730 free-standing luminaire is a high-quality and flexible light that offers high functionality in office environments and is designed in particular to provide innovative and comfortable office illumination. Its straightforward and classic design lets this luminaire slip seamlessly into any setting. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The upright tube is made of aluminium positioned on a steel base for absolutely certain stability. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



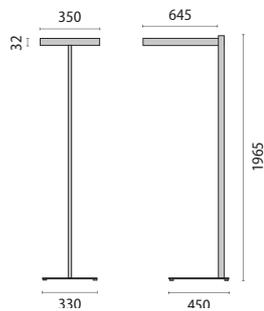
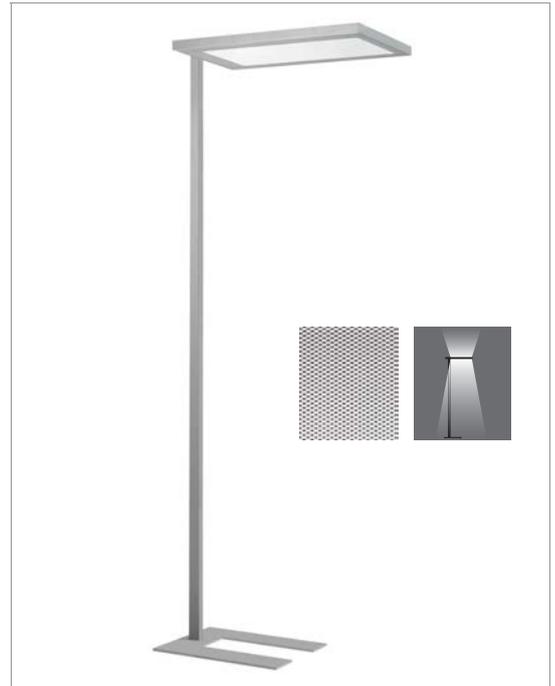
GR-RAL9006

WH-RAL9016

SL730SL MICROPRISMATIC COVER

Indoor free-standing luminaire, comprising:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- The functional U-foot allows flexible placing under the desk
- VDU application suitable acc. to EN 12464-1
- Complete with flexible power cord with plug
- Luminaires with EnOcean® radio receiver cannot be used in combination with the sensor module

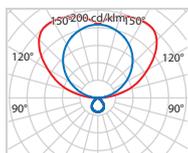


SOCKET	POWER	COLOUR/RAL	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/E	✓	8730764553010	16.50 kg
2G11	4 x 55 W	●	I	S/E	✓	8730764553030	16.50 kg
Dimmable DALI fluorescent lamps 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/E	✓	8730764555010	16.50 kg
2G11	4 x 55 W	●	I	S/E	✓	8730764555030	16.50 kg
Dimmable DALI fluorescent lamps 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/E	✓	8730764558010	16.50 kg
2G11	4 x 55 W	●	I	S/E	✓	8730764558030	16.50 kg
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/E	✓	8730764551010	16.60 kg
2G11	4 x 55 W	●	I	S/E	✓	8730764551030	16.60 kg
Dimmable DALI fluorescent lamps 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/E	✓	8730764552010	16.60 kg
2G11	4 x 55 W	●	I	S/E	✓	8730764552030	16.60 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
IRT8010 Actilume remote control	-	8118109998
Remote control enOcean® for receiver (without battery)	-	84500000

Photometrics



TC-L 4 x 55 W
 direct 9% / indirect 91%
 Luminance 2050 cd/m² (γ ≥ 65°)
 Light output ratio 75%

SL740SL

The standard SL 740 free-standing luminaire is a timeless PERFORMANCE IN LIGHTING classic that offers high functionality in office environments and is particularly suited for flexible and comfortable office illumination. Its straightforward and modern language of forms lets this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadow gap is a unique feature of the design. An anti-glare microprism cover provides for an appealing room atmosphere.



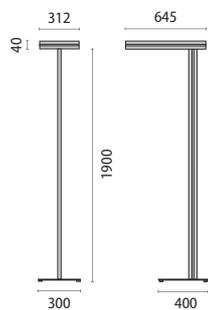
GR-RAL9006

WH-RAL9016

SL740SL MICROPRISMATIC COVER

Indoor free-standing luminaire, comprising:

- Steel sheet head, extruded aluminium profile post, steel sheet base, powder painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect light distribution
- VDU application suitable acc. to EN 12464-1 (when using the glare control set available as an accessory)
- Complete with flexible power cord with plug
- Luminaires with Enocean® radio receiver cannot be used in combination with the sensor module
- Special colour versions available upon request

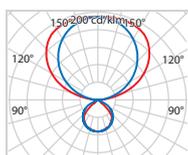


SOCKET	POWER	COLOUR/RAL	CLASS	OPTIC	DIN EN 12464-1	CODE	WEIGHT
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/D	-	8740764553010	17.90 kg
2G11	4 x 55 W	●	I	S/D	-	8740764553030	17.90 kg
Dimmable DALI fluorescent lamps 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/D	-	8740764555010	17.90 kg
2G11	4 x 55 W	●	I	S/D	-	8740764555030	17.90 kg
Dimmable DALI fluorescent lamps 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/D	-	8740764558010	17.90 kg
2G11	4 x 55 W	●	I	S/D	-	8740764558030	17.90 kg
Fluorescent lamps electronic ballast 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/D	-	8740764551010	17.90 kg
2G11	4 x 55 W	●	I	S/D	-	8740764551030	17.90 kg
Dimmable DALI fluorescent lamps 220-240 V / 50-60 Hz							
2G11	4 x 55 W	○	I	S/D	-	8740764552010	17.90 kg
2G11	4 x 55 W	●	I	S/D	-	8740764552030	17.90 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Anti-glare set for 4 lamps version	-	87405784
IRT8010 Actilume remote control	-	8118109998
Remote control enocean® for receiver (without battery)	-	84500000

Photometrics



TC-L 4 x 55 W
 direct 19% / indirect 81%
 Luminance 4580 cd/m² (γ ≥ 65°)
 Light output ratio 79%

RETAIL

RETAIL LIGHTING



EB431-435 LED



Recessed lights 140

NV414 LED



Recessed lights 152

NV417 LED



Recessed lights 154

NV450 LED



Recessed lights 156

KA40EB LED



Gimbal recessed luminaires 160

KA40EB LED



Gimbal recessed luminaires 162

AS442 LED



Track lights 166

AS448 LED



Track lights 168

AS425 LED



Track lights 170

AS427 LED



Track lights 171

RAILS



Accessories 172

EB431-435 LED

Simple yet effective, the LED recessed spotlights in the EB431-435 LED series satisfy the highest standards of energy efficiency, economy and comfortable lighting. The luminaire body, equipped to swivel inwards, is a particular feature. This feature enables the production of calm lighting patterns on the ceiling. The luminaires are specifically suited to illuminating wall surfaces in sales rooms. A variety of beam angles are available in addition to the performance and colour ranges.

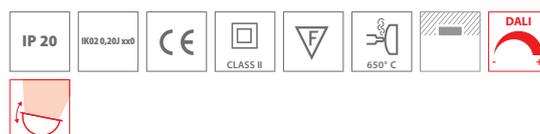
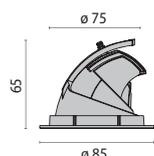
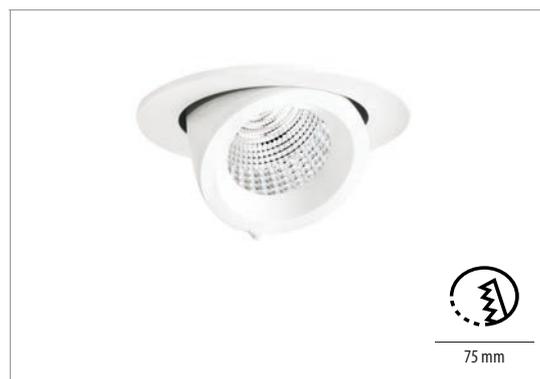


BK-RAL9005

WH-RAL9010

EB431 LED

- Recessed LED luminaire for indoors, consisting of:
- Die-cast aluminum spotlight body and ring, powder-coated
 - Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
 - Adjustable about 60° (from -15° up to 45°, rotatable about 355°)
 - High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
 - Reflector in Spot, Medium or Flood design
 - Colour rendering index Ra > 90
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Toolless mounting
 - Complete with electric converter
 - Anchor springs
 - Complete with clear safety glass pane



EB431 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	9 W	3000 K	○	90-100	II	C	2 x 9°	630 lm	510 lm	L80 B10 36000 h	8431154073310	0.20 kg
LED	9 W	4000 K	○	90-100	II	C	2 x 9°	650 lm	530 lm	L80 B10 36000 h	8431154073410	0.20 kg
LED	9 W	3000 K	●	90-100	II	C	2 x 9°	630 lm	510 lm	L80 B10 36000 h	8431154073380	0.20 kg
LED	9 W	4000 K	●	90-100	II	C	2 x 9°	650 lm	530 lm	L80 B10 36000 h	8431154073480	0.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	9 W	3000 K	○	90-100	II	C	2 x 9°	630 lm	510 lm	L80 B10 36000 h	8431154076310	0.20 kg
LED	9 W	4000 K	○	90-100	II	C	2 x 9°	650 lm	530 lm	L80 B10 36000 h	8431154076410	0.20 kg
LED	9 W	3000 K	●	90-100	II	C	2 x 9°	630 lm	510 lm	L80 B10 36000 h	8431154076380	0.20 kg
LED	9 W	4000 K	●	90-100	II	C	2 x 9°	650 lm	530 lm	L80 B10 36000 h	8431154076480	0.20 kg

EB431 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	9 W	3000 K	○	90-100	II	C	2 x 12°	630 lm	510 lm	L80 B10 36000 h	8431164073310	0.20 kg
LED	9 W	4000 K	○	90-100	II	C	2 x 12°	650 lm	520 lm	L80 B10 36000 h	8431164073410	0.20 kg
LED	9 W	3000 K	●	90-100	II	C	2 x 12°	630 lm	510 lm	L80 B10 36000 h	8431164073380	0.20 kg
LED	9 W	4000 K	●	90-100	II	C	2 x 12°	650 lm	520 lm	L80 B10 36000 h	8431164073480	0.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	9 W	3000 K	○	90-100	II	C	2 x 12°	630 lm	510 lm	L80 B10 36000 h	8431164076310	0.20 kg
LED	9 W	4000 K	○	90-100	II	C	2 x 12°	650 lm	520 lm	L80 B10 36000 h	8431164076410	0.20 kg
LED	9 W	3000 K	●	90-100	II	C	2 x 12°	630 lm	510 lm	L80 B10 36000 h	8431164076380	0.20 kg
LED	9 W	4000 K	●	90-100	II	C	2 x 12°	650 lm	520 lm	L80 B10 36000 h	8431164076480	0.20 kg

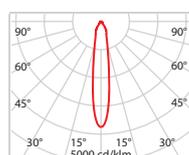
EB431 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	9 W	3000 K	○	90-100	II	C	2 x 25°	630 lm	520 lm	L80 B10 36000 h	8431174073310	0.20 kg
LED	9 W	4000 K	○	90-100	II	C	2 x 26°	650 lm	540 lm	L80 B10 36000 h	8431174073410	0.20 kg
LED	9 W	3000 K	●	90-100	II	C	2 x 25°	630 lm	520 lm	L80 B10 36000 h	8431174073380	0.20 kg
LED	9 W	4000 K	●	90-100	II	C	2 x 26°	650 lm	540 lm	L80 B10 36000 h	8431174073480	0.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	9 W	3000 K	○	90-100	II	C	2 x 25°	630 lm	520 lm	L80 B10 36000 h	8431174076310	0.20 kg
LED	9 W	4000 K	○	90-100	II	C	2 x 26°	650 lm	540 lm	L80 B10 36000 h	8431174076410	0.20 kg
LED	9 W	3000 K	●	90-100	II	C	2 x 25°	630 lm	520 lm	L80 B10 36000 h	8431174076380	0.20 kg
LED	9 W	4000 K	●	90-100	II	C	2 x 26°	650 lm	540 lm	L80 B10 36000 h	8431174076480	0.20 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	8989	0.15
1.0	2247	0.31
1.5	999	0.46
2.0	562	0.61
2.5	360	0.77

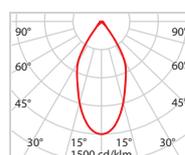
→ 2 x 8.7°



LED 1 x 9 W, 4000 K
Half-value angle 2 x 9°
Efficiency 59 lm/W

h [m]	E [lx]	∅ [m]
0.5	2918	0.48
1.0	730	0.95
1.5	324	1.43
2.0	182	1.91
2.5	117	2.38

→ 2 x 25.5°



LED 1 x 9 W, 4000 K
Half-value angle 2 x 26°
Efficiency 60 lm/W

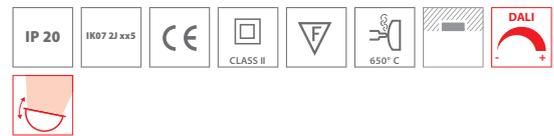
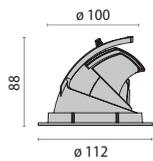
BK-RAL9005

WH-RAL9010

EB432 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
- Adjustable about 60° (from -15° up to 45°, rotatable about 355°)
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium or Flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



EB432 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 9°	970 lm	850 lm	L80 B10 36000 h	8432154133310	0.30 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 9°	1010 lm	910 lm	L80 B10 36000 h	8432154133410	0.30 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 9°	970 lm	850 lm	L80 B10 36000 h	8432154133380	0.30 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 9°	1010 lm	910 lm	L80 B10 36000 h	8432154133480	0.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 9°	970 lm	850 lm	L80 B10 36000 h	8432154136310	0.30 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 9°	1010 lm	910 lm	L80 B10 36000 h	8432154136410	0.30 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 9°	970 lm	850 lm	L80 B10 36000 h	8432154136380	0.30 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 9°	1010 lm	910 lm	L80 B10 36000 h	8432154136480	0.30 kg

EB432 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 11°	970 lm	850 lm	L80 B10 36000 h	8432164133310	0.30 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 11°	1010 lm	910 lm	L80 B10 36000 h	8432164133410	0.30 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 11°	970 lm	850 lm	L80 B10 36000 h	8432164133380	0.30 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 11°	1010 lm	910 lm	L80 B10 36000 h	8432164133480	0.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 11°	970 lm	850 lm	L80 B10 36000 h	8432164136310	0.30 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 11°	1010 lm	910 lm	L80 B10 36000 h	8432164136410	0.30 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 11°	970 lm	850 lm	L80 B10 36000 h	8432164136380	0.30 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 11°	1010 lm	910 lm	L80 B10 36000 h	8432164136480	0.30 kg

EB432 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 26°	970 lm	860 lm	L80 B10 36000 h	8432174133310	0.30 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 26°	1010 lm	920 lm	L80 B10 36000 h	8432174133410	0.30 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 26°	970 lm	860 lm	L80 B10 36000 h	8432174133380	0.30 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 26°	1010 lm	920 lm	L80 B10 36000 h	8432174133480	0.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 26°	970 lm	860 lm	L80 B10 36000 h	8432174136310	0.30 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 26°	1010 lm	920 lm	L80 B10 36000 h	8432174136410	0.30 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 26°	970 lm	860 lm	L80 B10 36000 h	8432174136380	0.30 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 26°	1010 lm	920 lm	L80 B10 36000 h	8432174136480	0.30 kg

Accessories

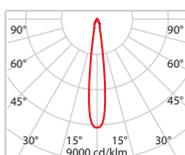
DESCRIPTION	COLOUR/RAL	CODE
Food glass filter for meat products	-	8432961
Food glass filter for bakery products	-	8432962
Food glass filters for fruits and cheese	-	8432963
Food glass filter for vegetables	-	8432964
Food glass filter for fish products	-	8432965



Photometrics

h [m]	E [lx]	∅ [m]
0.5	28568	0.13
1.0	7142	0.27
1.5	3174	0.40
2.0	1786	0.53
2.5	1143	0.67

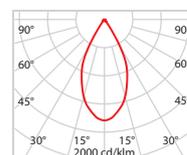
± 2 x 7,6°



LED 1 x 14 W, 4000 K
Half-value angle 2 x 9°
Efficiency 65 lm/W

h [m]	E [lx]	∅ [m]
0.5	5966	0.48
1.0	1491	0.95
1.5	663	1.43
2.0	373	1.91
2.5	239	2.38

± 2 x 25,5°



LED 1 x 14 W, 4000 K
Half-value angle 2 x 26°
Efficiency 66 lm/W

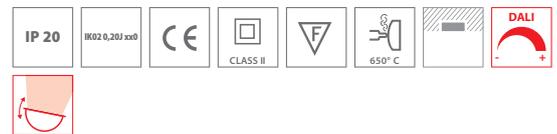
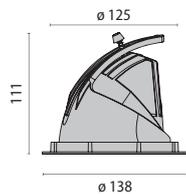
BK-RAL9005

WH-RAL9010

EB433 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
- Adjustable about 60° (from -15° up to 45°, rotatable about 355°)
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium, Flood oder Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



EB433 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 10°	2020 lm	1540 lm	L80 B10 60000 h	8433154193314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 10°	2380 lm	1750 lm	L80 B10 60000 h	8433154193414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 10°	2020 lm	1540 lm	L80 B10 60000 h	8433154193384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 10°	2380 lm	1750 lm	L80 B10 60000 h	8433154193484	0.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 10°	2020 lm	1540 lm	L80 B10 60000 h	8433154196314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 10°	2380 lm	1750 lm	L80 B10 60000 h	8433154196414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 10°	2020 lm	1540 lm	L80 B10 60000 h	8433154196384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 10°	2380 lm	1750 lm	L80 B10 60000 h	8433154196484	0.50 kg

EB433 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 11°	2020 lm	1600 lm	L80 B10 60000 h	8433164193314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 11°	2380 lm	1750 lm	L80 B10 60000 h	8433164193414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 11°	2020 lm	1600 lm	L80 B10 60000 h	8433164193384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 11°	2380 lm	1750 lm	L80 B10 60000 h	8433164193484	0.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 11°	2020 lm	1600 lm	L80 B10 60000 h	8433164196314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 11°	2380 lm	1750 lm	L80 B10 60000 h	8433164196414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 11°	2020 lm	1600 lm	L80 B10 60000 h	8433164196384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 11°	2380 lm	1750 lm	L80 B10 60000 h	8433164196484	0.50 kg

EB433 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 23°	2020 lm	1620 lm	L80 B10 60000 h	8433174193314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 23°	2380 lm	1780 lm	L80 B10 60000 h	8433174193414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 23°	2020 lm	1620 lm	L80 B10 60000 h	8433174193384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 23°	2380 lm	1780 lm	L80 B10 60000 h	8433174193484	0.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 23°	2020 lm	1620 lm	L80 B10 60000 h	8433174196314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 23°	2380 lm	1780 lm	L80 B10 60000 h	8433174196414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 23°	2020 lm	1620 lm	L80 B10 60000 h	8433174196384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 23°	2380 lm	1780 lm	L80 B10 60000 h	8433174196484	0.50 kg



EB433 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 34°	2020 lm	1600 lm	L80 B10 60000 h	8433184193314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 34°	2380 lm	1750 lm	L80 B10 60000 h	8433184193414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 34°	2020 lm	1600 lm	L80 B10 60000 h	8433184193384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 34°	2380 lm	1750 lm	L80 B10 60000 h	8433184193484	0.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 34°	2020 lm	1600 lm	L80 B10 60000 h	8433184196314	0.50 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 34°	2380 lm	1750 lm	L80 B10 60000 h	8433184196414	0.50 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 34°	2020 lm	1600 lm	L80 B10 60000 h	8433184196384	0.50 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 34°	2380 lm	1750 lm	L80 B10 60000 h	8433184196484	0.50 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Food glass filter for meat products	-	8433961
Food glass filter for bakery products	-	8433962
Food glass filters for fruits and cheese	-	8433963
Food glass filter for vegetables	-	8433964
Food glass filter for fish products	-	8433965

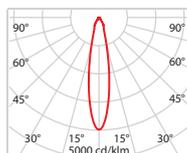


8433961 8433962 8433963 8433964 8433965

Photometrics

h [m]	E [lx]	∅ [m]
0.5	31220	0.18
1.0	7930	0.36
1.5	3524	0.55
2.0	1983	0.73
2.5	1269	0.91

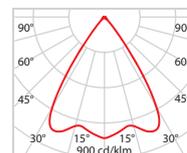
→ 2 x 10,3°



LED 1 x 20 W, 4000 K
Half-value angle 2 x 10°
Efficiency 87 lm/W

h [m]	E [lx]	∅ [m]
0.5	6109	0.67
1.0	1527	1.34
1.5	679	2.02
2.0	382	2.69
2.5	244	3.36

→ 2 x 33,9°



LED 1 x 20 W, 4000 K
Half-value angle 2 x 34°
Efficiency 88 lm/W

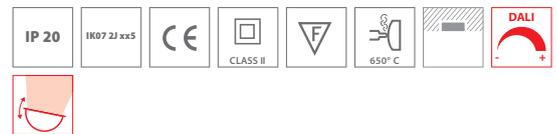
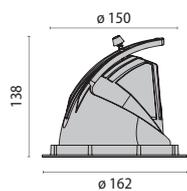
BK-RAL9005

WH-RAL9010

EB434 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
- Adjustable about 60° (from -15° up to 45°, rotatable about 35°)
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium, Flood oder Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



EB434 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 60000 h	8434154253310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 60000 h	8434154253410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 60000 h	8434154253380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 60000 h	8434154253480	0.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 60000 h	8434154256310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 60000 h	8434154256410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 60000 h	8434154256380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 60000 h	8434154256480	0.80 kg

EB434 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 11°	2720 lm	2130 lm	L80 B10 60000 h	8434164253310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 11°	2910 lm	2330 lm	L80 B10 60000 h	8434164253410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 11°	2720 lm	2130 lm	L80 B10 60000 h	8434164253380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 11°	2910 lm	2330 lm	L80 B10 60000 h	8434164253480	0.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 11°	2720 lm	2130 lm	L80 B10 60000 h	8434164256310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 11°	2910 lm	2330 lm	L80 B10 60000 h	8434164256410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 11°	2720 lm	2130 lm	L80 B10 60000 h	8434164256380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 11°	2910 lm	2330 lm	L80 B10 60000 h	8434164256480	0.80 kg

EB434 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 23°	2720 lm	2160 lm	L80 B10 60000 h	8434174253310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 23°	2910 lm	2370 lm	L80 B10 60000 h	8434174253410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 23°	2720 lm	2160 lm	L80 B10 60000 h	8434174253380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 23°	2910 lm	2370 lm	L80 B10 60000 h	8434174253480	0.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 23°	2720 lm	2160 lm	L80 B10 60000 h	8434174256310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 23°	2910 lm	2370 lm	L80 B10 60000 h	8434174256410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 23°	2720 lm	2160 lm	L80 B10 60000 h	8434174256380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 23°	2910 lm	2370 lm	L80 B10 60000 h	8434174256480	0.80 kg



EB434 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 34°	2720 lm	2130 lm	L80 B10 60000 h	8434184253310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 34°	2910 lm	2340 lm	L80 B10 60000 h	8434184253410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 34°	2720 lm	2130 lm	L80 B10 60000 h	8434184253380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 34°	2910 lm	2340 lm	L80 B10 60000 h	8434184253480	0.80 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 34°	2720 lm	2130 lm	L80 B10 60000 h	8434184256310	0.80 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 34°	2910 lm	2340 lm	L80 B10 60000 h	8434184256410	0.80 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 34°	2720 lm	2130 lm	L80 B10 60000 h	8434184256380	0.80 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 34°	2910 lm	2340 lm	L80 B10 60000 h	8434184256480	0.80 kg

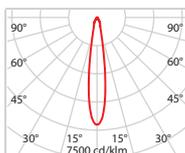
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Food glass filter for meat products	-	8434961
Food glass filter for bakery products	-	8434962
Food glass filters for fruits and cheese	-	8434963
Food glass filter for vegetables	-	8434964
Food glass filter for fish products	-	8434965



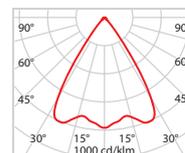
Photometrics

h [m]	E [lx]	∅ [m]
0.5	57641	0.15
1.0	14410	0.30
1.5	6405	0.44
2.0	3603	0.59
2.5	2306	0.74



LED 1 x 27 W, 4000 K
Half-value angle 2 x 8°
Efficiency 83 lm/W

h [m]	E [lx]	∅ [m]
0.5	8269	0.66
1.0	2067	1.32
1.5	919	1.99
2.0	517	2.65
2.5	331	3.31

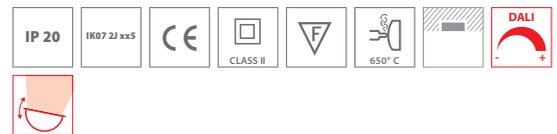
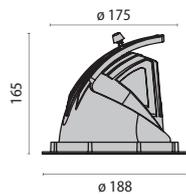


LED 1 x 27 W, 4000 K
Half-value angle 2 x 34°
Efficiency 86 lm/W

EB435 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
- Adjustable about 60° (from -15° up to 45°, rotatable about 355°)
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium, Flood oder Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



EB435 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2690 lm	L80 B10 60000 h	8435154323310	1.20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	2940 lm	L80 B10 60000 h	8435154323410	1.20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2690 lm	L80 B10 60000 h	8435154323380	1.20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	2940 lm	L80 B10 60000 h	8435154323480	1.20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 6°	3980 lm	3230 lm	L80 B10 60000 h	8435154453310	1.20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 6°	4280 lm	3540 lm	L80 B10 60000 h	8435154453410	1.20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	3980 lm	3230 lm	L80 B10 60000 h	8435154453380	1.20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4280 lm	3540 lm	L80 B10 60000 h	8435154453480	1.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2690 lm	L80 B10 60000 h	8435154326310	1.20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	2940 lm	L80 B10 60000 h	8435154326410	1.20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2690 lm	L80 B10 60000 h	8435154326380	1.20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	2940 lm	L80 B10 60000 h	8435154326480	1.20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 6°	3980 lm	3230 lm	L80 B10 60000 h	8435154456310	1.20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 6°	4280 lm	3540 lm	L80 B10 60000 h	8435154456410	1.20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	3980 lm	3230 lm	L80 B10 60000 h	8435154456380	1.20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4280 lm	3540 lm	L80 B10 60000 h	8435154456480	1.20 kg

EB435 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 11°	3360 lm	2690 lm	L80 B10 60000 h	8435164323310	1.20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 11°	3630 lm	2950 lm	L80 B10 60000 h	8435164323410	1.20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 11°	3360 lm	2690 lm	L80 B10 60000 h	8435164323380	1.20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 11°	3630 lm	2950 lm	L80 B10 60000 h	8435164323480	1.20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 11°	3980 lm	3240 lm	L80 B10 60000 h	8435164453310	1.20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 11°	4280 lm	3550 lm	L80 B10 60000 h	8435164453410	1.20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 11°	3980 lm	3240 lm	L80 B10 60000 h	8435164453380	1.20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 11°	4280 lm	3550 lm	L80 B10 60000 h	8435164453480	1.20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 11°	3360 lm	2690 lm	L80 B10 60000 h	8435164326310	1.20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 11°	3630 lm	2950 lm	L80 B10 60000 h	8435164326410	1.20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 11°	3360 lm	2690 lm	L80 B10 60000 h	8435164326380	1.20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 11°	3630 lm	2950 lm	L80 B10 60000 h	8435164326480	1.20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 11°	3980 lm	3240 lm	L80 B10 60000 h	8435164456310	1.20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 11°	4280 lm	3550 lm	L80 B10 60000 h	8435164456410	1.20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 11°	3980 lm	3240 lm	L80 B10 60000 h	8435164456380	1.20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 11°	4280 lm	3550 lm	L80 B10 60000 h	8435164456480	1.20 kg



EB435 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 23°	3360 lm	2710 lm	L80 B10 60000 h	8435174323310	1,20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 23°	3630 lm	2970 lm	L80 B10 60000 h	8435174323410	1,20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 23°	3360 lm	2710 lm	L80 B10 60000 h	8435174323380	1,20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 23°	3630 lm	2970 lm	L80 B10 60000 h	8435174323480	1,20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 23°	3980 lm	3260 lm	L80 B10 60000 h	8435174453310	1,20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 23°	4280 lm	3570 lm	L80 B10 60000 h	8435174453410	1,20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 23°	3980 lm	3260 lm	L80 B10 60000 h	8435174453380	1,20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 23°	4280 lm	3570 lm	L80 B10 60000 h	8435174453480	1,20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 23°	3360 lm	2710 lm	L80 B10 60000 h	8435174326310	1,20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 23°	3630 lm	2970 lm	L80 B10 60000 h	8435174326410	1,20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 23°	3360 lm	2710 lm	L80 B10 60000 h	8435174326380	1,20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 23°	3630 lm	2970 lm	L80 B10 60000 h	8435174326480	1,20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 23°	3980 lm	3260 lm	L80 B10 60000 h	8435174456310	1,20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 23°	4280 lm	3570 lm	L80 B10 60000 h	8435174456410	1,20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 23°	3980 lm	3260 lm	L80 B10 60000 h	8435174456380	1,20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 23°	4280 lm	3570 lm	L80 B10 60000 h	8435174456480	1,20 kg



EB435 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 34°	3360 lm	2690 lm	L80 B10 60000 h	8435184323310	1,20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 34°	3630 lm	2950 lm	L80 B10 60000 h	8435184323410	1,20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 34°	3360 lm	2690 lm	L80 B10 60000 h	8435184323380	1,20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 34°	3630 lm	2950 lm	L80 B10 60000 h	8435184323480	1,20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 34°	3980 lm	3240 lm	L80 B10 60000 h	8435184453310	1,20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 34°	4280 lm	3540 lm	L80 B10 60000 h	8435184453410	1,20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 34°	3980 lm	3240 lm	L80 B10 60000 h	8435184453380	1,20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 34°	4280 lm	3540 lm	L80 B10 60000 h	8435184453480	1,20 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 34°	3360 lm	2690 lm	L80 B10 60000 h	8435184326310	1,20 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 34°	3630 lm	2950 lm	L80 B10 60000 h	8435184326410	1,20 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 34°	3360 lm	2690 lm	L80 B10 60000 h	8435184326380	1,20 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 34°	3630 lm	2950 lm	L80 B10 60000 h	8435184326480	1,20 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 34°	3980 lm	3240 lm	L80 B10 60000 h	8435184456310	1,20 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 34°	4280 lm	3540 lm	L80 B10 60000 h	8435184456410	1,20 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 34°	3980 lm	3240 lm	L80 B10 60000 h	8435184456380	1,20 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 34°	4280 lm	3540 lm	L80 B10 60000 h	8435184456480	1,20 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Food glass filter for meat products	-	8435961
Food glass filter for bakery products	-	8435962
Food glass filters for fruits and cheese	-	8435963
Food glass filter for vegetables	-	8435964
Food glass filter for fish products	-	8435965

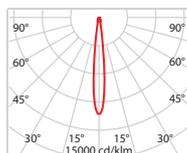


8435961 8435962 8435963 8435964 8435965

Photometrics

h [m]	E [lx]	∅ [m]
0,5	137129	0,11
1,0	34282	0,21
1,5	15237	0,32
2,0	8571	0,42
2,5	5485	0,53

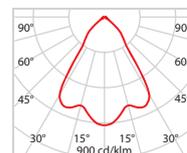
≠ 2 x 6,0°



LED 1 x 35 W, 4000 K
Half-value angle 2 x 6°
Efficiency 84 lm/W

h [m]	E [lx]	∅ [m]
0,5	11046	0,68
1,0	2761	1,36
1,5	1227	2,04
2,0	690	2,72
2,5	442	3,40

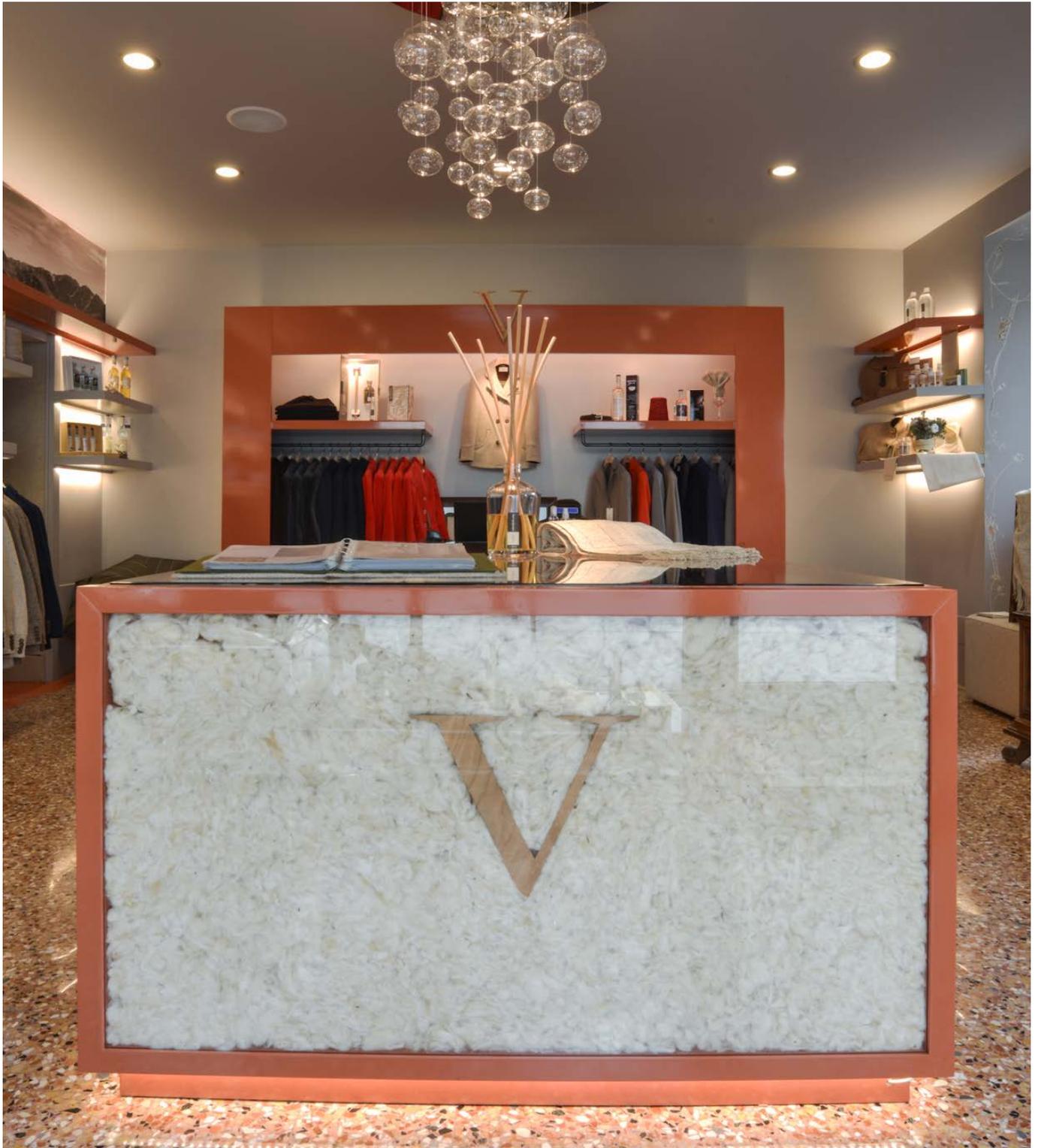
≠ 2 x 34,2°



LED 1 x 40 W, 4000 K
Half-value angle 2 x 34°
Efficiency 89 lm/W

NV414 LED / NV417 LED

The NV 414/417 recessed LED spotlights in classic design are particularly suited as flush-mounted solutions with professional accented lighting. They are also perfect for low ceilings thanks to their particularly slender installation. Faceted reflectors ensure precise light deflection. The extremely glossy ball facet reflectors made of high-reflectance aluminium ensure maximum luminaire efficiency and neutral colour rendering.





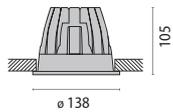
BK-RAL9005

WH-RAL9010

NV414 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium or Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



NV414 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 5°	1320 lm	1180 lm	L80 B10 60000 h	8414151183310	0.60 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 5°	1370 lm	1260 lm	L80 B10 60000 h	8414151183410	0.60 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 5°	1320 lm	1180 lm	L80 B10 60000 h	8414151183380	0.60 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 5°	1370 lm	1260 lm	L80 B10 60000 h	8414151183480	0.60 kg
LED	27 W	3000 K	○	90-100	II	C	2 x 8°	2720 lm	2180 lm	L80 B10 60000 h	8414151253310	0.60 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 8°	2910 lm	2390 lm	L80 B10 60000 h	8414151253410	0.60 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 8°	2720 lm	2180 lm	L80 B10 60000 h	8414151253380	0.60 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 8°	2910 lm	2390 lm	L80 B10 60000 h	8414151253480	0.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 5°	1320 lm	1180 lm	L80 B10 60000 h	8414151186310	0.60 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 5°	1370 lm	1260 lm	L80 B10 60000 h	8414151186410	0.60 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 5°	1370 lm	1260 lm	L80 B10 60000 h	8414151186480	0.60 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 5°	1320 lm	1180 lm	L80 B10 60000 h	8414151186380	0.60 kg
LED	27 W	3000 K	○	90-100	II	C	2 x 8°	2720 lm	2180 lm	L80 B10 60000 h	8414151256310	0.60 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 8°	2910 lm	2390 lm	L80 B10 60000 h	8414151256410	0.60 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 8°	2720 lm	2180 lm	L80 B10 60000 h	8414151256380	0.60 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 8°	2910 lm	2390 lm	L80 B10 60000 h	8414151256480	0.60 kg

NV414 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 14°	1320 lm	1170 lm	L80 B10 60000 h	8414161183310	0.60 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 14°	1370 lm	1250 lm	L80 B10 60000 h	8414161183410	0.60 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 14°	1320 lm	1170 lm	L80 B10 60000 h	8414161183380	0.60 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 14°	1370 lm	1250 lm	L80 B10 60000 h	8414161183480	0.60 kg
LED	27 W	3000 K	○	90-100	II	C	2 x 15°	2720 lm	2150 lm	L80 B10 60000 h	8414161253310	0.60 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 15°	2910 lm	2360 lm	L80 B10 60000 h	8414161253410	0.60 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 15°	2720 lm	2150 lm	L80 B10 60000 h	8414161253380	0.60 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 15°	2910 lm	2360 lm	L80 B10 60000 h	8414161253480	0.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 14°	1320 lm	1170 lm	L80 B10 60000 h	8414161186310	0.60 kg
LED	27 W	3000 K	○	90-100	II	C	2 x 14°	2720 lm	2150 lm	L80 B10 60000 h	8414161256310	0.60 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 14°	1320 lm	1170 lm	L80 B10 60000 h	8414161186380	0.60 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 14°	1370 lm	1250 lm	L80 B10 60000 h	8414161186480	0.60 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 15°	1370 lm	1250 lm	L80 B10 60000 h	8414161186410	0.60 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 15°	2910 lm	2360 lm	L80 B10 60000 h	8414161256410	0.60 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 15°	2720 lm	2150 lm	L80 B10 60000 h	8414161256380	0.60 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 15°	2910 lm	2360 lm	L80 B10 60000 h	8414161256480	0.60 kg



NV414 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 33°	1320 lm	1200 lm	L80 B10 60000 h	8414171183310	0.60 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 33°	1370 lm	1280 lm	L80 B10 60000 h	8414171183410	0.60 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 33°	1320 lm	1200 lm	L80 B10 60000 h	8414171183380	0.60 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 33°	1370 lm	1280 lm	L80 B10 60000 h	8414171183480	0.60 kg
LED	27 W	3000 K	○	90-100	II	C	2 x 33°	2720 lm	2200 lm	L80 B10 60000 h	8414171253310	0.60 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 33°	2910 lm	2410 lm	L80 B10 60000 h	8414171253410	0.60 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 33°	2720 lm	2200 lm	L80 B10 60000 h	8414171253380	0.60 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 33°	2910 lm	2410 lm	L80 B10 60000 h	8414171253480	0.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	20 W	3000 K	○	90-100	II	C	2 x 33°	1320 lm	1200 lm	L80 B10 60000 h	8414171186310	0.60 kg
LED	20 W	4000 K	○	90-100	II	C	2 x 33°	1370 lm	1280 lm	L80 B10 60000 h	8414171186410	0.60 kg
LED	20 W	3000 K	●	90-100	II	C	2 x 33°	1320 lm	1200 lm	L80 B10 60000 h	8414171186380	0.60 kg
LED	20 W	4000 K	●	90-100	II	C	2 x 33°	1370 lm	1280 lm	L80 B10 60000 h	8414171186480	0.60 kg
LED	27 W	3000 K	○	90-100	II	C	2 x 33°	2720 lm	2200 lm	L80 B10 60000 h	8414171256310	0.60 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 33°	2910 lm	2410 lm	L80 B10 60000 h	8414171256410	0.60 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 33°	2720 lm	2200 lm	L80 B10 60000 h	8414171256380	0.60 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 33°	2910 lm	2410 lm	L80 B10 60000 h	8414171256480	0.60 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Frosted safety glass pane	-	8414900

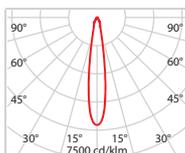


8414900

Photometrics

h [m]	E [lx]	∅ [m]
0.5	61652	0.15
1.0	15413	0.30
1.5	6850	0.44
2.0	3853	0.59
2.5	2466	0.74

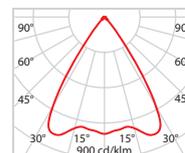
±2 x 8.4°



LED 1 x 27 W, 4000 K
Half-value angle 2 x 8°
Efficiency 88 lm/W

h [m]	E [lx]	∅ [m]
0.5	8129	0.66
1.0	2032	1.32
1.5	903	1.98
2.0	508	2.64
2.5	325	3.30

±2 x 33.4°



LED 1 x 27 W, 4000 K
Half-value angle 2 x 33°
Efficiency 89 lm/W

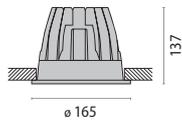
BK-RAL9005

WH-RAL9010

NV417 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium or Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



NV417 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2910 lm	L80 B10 60000 h	8417151323310	1.10 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	3180 lm	L80 B10 60000 h	8417151323410	1.10 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 7°	3360 lm	2910 lm	L80 B10 60000 h	8417151323380	1.10 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 7°	3630 lm	3180 lm	L80 B10 60000 h	8417151323480	1.10 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 7°	3980 lm	3450 lm	L80 B10 60000 h	8417151463310	1.10 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 7°	4280 lm	3780 lm	L80 B10 60000 h	8417151463410	1.10 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	3980 lm	3450 lm	L80 B10 60000 h	8417151463380	1.10 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4280 lm	3780 lm	L80 B10 60000 h	8417151463480	1.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2910 lm	L80 B10 60000 h	8417151326310	1.10 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	3180 lm	L80 B10 60000 h	8417151326410	1.10 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2910 lm	L80 B10 60000 h	8417151326380	1.10 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	3180 lm	L80 B10 60000 h	8417151326480	1.10 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 7°	3980 lm	3450 lm	L80 B10 60000 h	8417151466310	1.10 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 7°	4280 lm	3780 lm	L80 B10 60000 h	8417151466410	1.10 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 7°	3980 lm	3450 lm	L80 B10 60000 h	8417151466380	1.10 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 7°	4280 lm	3780 lm	L80 B10 60000 h	8417151466480	1.10 kg



NV417 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 16°	3360 lm	2920 lm	L80 B10 60000 h	8417161323310	1.10 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 16°	3630 lm	3200 lm	L80 B10 60000 h	8417161323410	1.10 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 16°	3360 lm	2920 lm	L80 B10 60000 h	8417161323380	1.10 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 16°	3630 lm	3200 lm	L80 B10 60000 h	8417161323480	1.10 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 16°	3980 lm	3460 lm	L80 B10 60000 h	8417161463310	1.10 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 16°	4280 lm	3790 lm	L80 B10 60000 h	8417161463410	1.10 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 16°	3980 lm	3460 lm	L80 B10 60000 h	8417161463380	1.10 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 16°	4280 lm	3790 lm	L80 B10 60000 h	8417161463480	1.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 16°	3360 lm	2920 lm	L80 B10 60000 h	8417161326310	1.10 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 16°	3630 lm	3200 lm	L80 B10 60000 h	8417161326410	1.10 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 16°	3360 lm	2920 lm	L80 B10 60000 h	8417161326380	1.10 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 16°	3630 lm	3200 lm	L80 B10 60000 h	8417161326480	1.10 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 16°	3980 lm	3460 lm	L80 B10 60000 h	8417161466310	1.10 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 16°	4280 lm	3790 lm	L80 B10 60000 h	8417161466410	1.10 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 16°	3980 lm	3460 lm	L80 B10 60000 h	8417161466380	1.10 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 16°	4280 lm	3790 lm	L80 B10 60000 h	8417161466480	1.10 kg



NV417 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 35°	3360 lm	2910 lm	L80 B10 60000 h	8417171323310	1.10 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 35°	3630 lm	3190 lm	L80 B10 60000 h	8417171323410	1.10 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 35°	3360 lm	2910 lm	L80 B10 60000 h	8417171323380	1.10 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 35°	3630 lm	3190 lm	L80 B10 60000 h	8417171323480	1.10 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 35°	3980 lm	3460 lm	L80 B10 60000 h	8417171463310	1.10 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 35°	4280 lm	3790 lm	L80 B10 60000 h	8417171463410	1.10 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 35°	3980 lm	3460 lm	L80 B10 60000 h	8417171463380	1.10 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 35°	4280 lm	3790 lm	L80 B10 60000 h	8417171463480	1.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 35°	3360 lm	2910 lm	L80 B10 60000 h	8417171326310	1.10 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 35°	3630 lm	3190 lm	L80 B10 60000 h	8417171326410	1.10 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 35°	3360 lm	2910 lm	L80 B10 60000 h	8417171326380	1.10 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 35°	3630 lm	3190 lm	L80 B10 60000 h	8417171326480	1.10 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 35°	3980 lm	3460 lm	L80 B10 60000 h	8417171466310	1.10 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 35°	4280 lm	3790 lm	L80 B10 60000 h	8417171466410	1.10 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 35°	3980 lm	3460 lm	L80 B10 60000 h	8417171466380	1.10 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 35°	4280 lm	3790 lm	L80 B10 60000 h	8417171466480	1.10 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Frosted safety glass pane	-	8417900

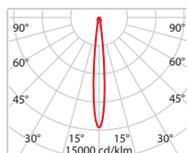


8417900

Photometrics

h [m]	E [lx]	∅ [m]
0.5	199801	0.10
1.0	49950	0.19
1.5	22200	0.29
2.0	12488	0.39
2.5	7992	0.48

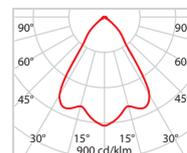
→ 2 x 5.5°



LED 1 x 40 W, 4000 K
Half-value angle 2 x 7°
Efficiency 94 lm/W

h [m]	E [lx]	∅ [m]
0.5	11868	0.69
1.0	2967	1.38
1.5	1319	2.07
2.0	742	2.76
2.5	475	3.45

→ 2 x 34.6°



LED 1 x 40 W, 4000 K
Half-value angle 2 x 35°
Efficiency 95 lm/W

NV450 LED

The new LED recessed spotlight NV450 LED comes with a convincingly modest design, compact dimensions and eye-catching light effects. This compact all-round talent is perfect to create just the right atmosphere in hotel rooms, bars, restaurants and living rooms. The NV450 LED rotates by 270° and pivots by 20°. Fitted 21 mm beneath the surface, it is ideal for installation in tighter spaces.



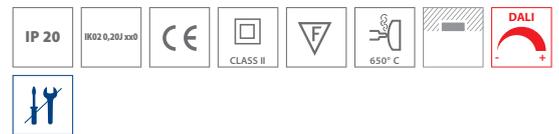
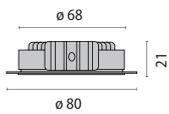
BK-RAL9005

WH-RAL9010

NV450 LED

Recessed LED luminaire for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Tilting and turning spotlight head
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Medium or Flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Toolless mounting
- Complete with electric converter
- Anchor springs
- Complete with clear safety glass pane



NV450 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	7 W	3000 K	○	90-100	II	C	2 x 14°	460 lm	440 lm	L80 B10 57000 h	8450164053310	0.10 kg
LED	7 W	4000 K	○	90-100	II	C	2 x 14°	520 lm	500 lm	L80 B10 57000 h	8450164053410	0.10 kg
LED	7 W	3000 K	●	90-100	II	C	2 x 14°	460 lm	440 lm	L80 B10 57000 h	8450164053380	0.10 kg
LED	7 W	4000 K	●	90-100	II	C	2 x 14°	520 lm	500 lm	L80 B10 57000 h	8450164053480	0.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	7 W	3000 K	○	90-100	II	C	2 x 14°	460 lm	440 lm	L80 B10 57000 h	8450164056310	0.10 kg
LED	7 W	4000 K	○	90-100	II	C	2 x 14°	520 lm	500 lm	L80 B10 57000 h	8450164056410	0.10 kg
LED	7 W	3000 K	●	90-100	II	C	2 x 14°	460 lm	440 lm	L80 B10 57000 h	8450164056380	0.10 kg
LED	7 W	4000 K	●	90-100	II	C	2 x 14°	520 lm	500 lm	L80 B10 57000 h	8450164056480	0.10 kg



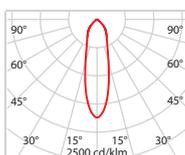
NV450 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	7 W	3000 K	○	90-100	II	C	2 x 23°	460 lm	440 lm	L80 B10 57000 h	8450174053310	0.10 kg
LED	7 W	4000 K	○	90-100	II	C	2 x 23°	520 lm	500 lm	L80 B10 57000 h	8450174053410	0.10 kg
LED	7 W	3000 K	●	90-100	II	C	2 x 23°	460 lm	440 lm	L80 B10 57000 h	8450174053380	0.10 kg
LED	7 W	4000 K	●	90-100	II	C	2 x 23°	520 lm	500 lm	L80 B10 57000 h	8450174053480	0.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	7 W	3000 K	○	90-100	II	C	2 x 23°	460 lm	440 lm	L80 B10 57000 h	8450174056310	0.10 kg
LED	7 W	4000 K	○	90-100	II	C	2 x 23°	520 lm	500 lm	L80 B10 57000 h	8450174056410	0.10 kg
LED	7 W	3000 K	●	90-100	II	C	2 x 23°	460 lm	440 lm	L80 B10 57000 h	8450174056380	0.10 kg
LED	7 W	4000 K	●	90-100	II	C	2 x 23°	520 lm	500 lm	L80 B10 57000 h	8450174056480	0.10 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	4755	0.24
1.0	1189	0.49
1.5	528	0.73
2.0	297	0.98
2.5	190	1.22

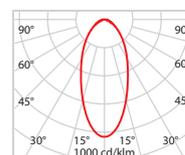
→ 2 x 13,7°



LED 1 x 7 W, 4000 K
Half-value angle 2 x 23°
Efficiency 64 lm/W

h [m]	E [lx]	∅ [m]
0.5	2625	0.43
1.0	506	0.87
1.5	225	1.30
2.0	127	1.73
2.5	81	2.16

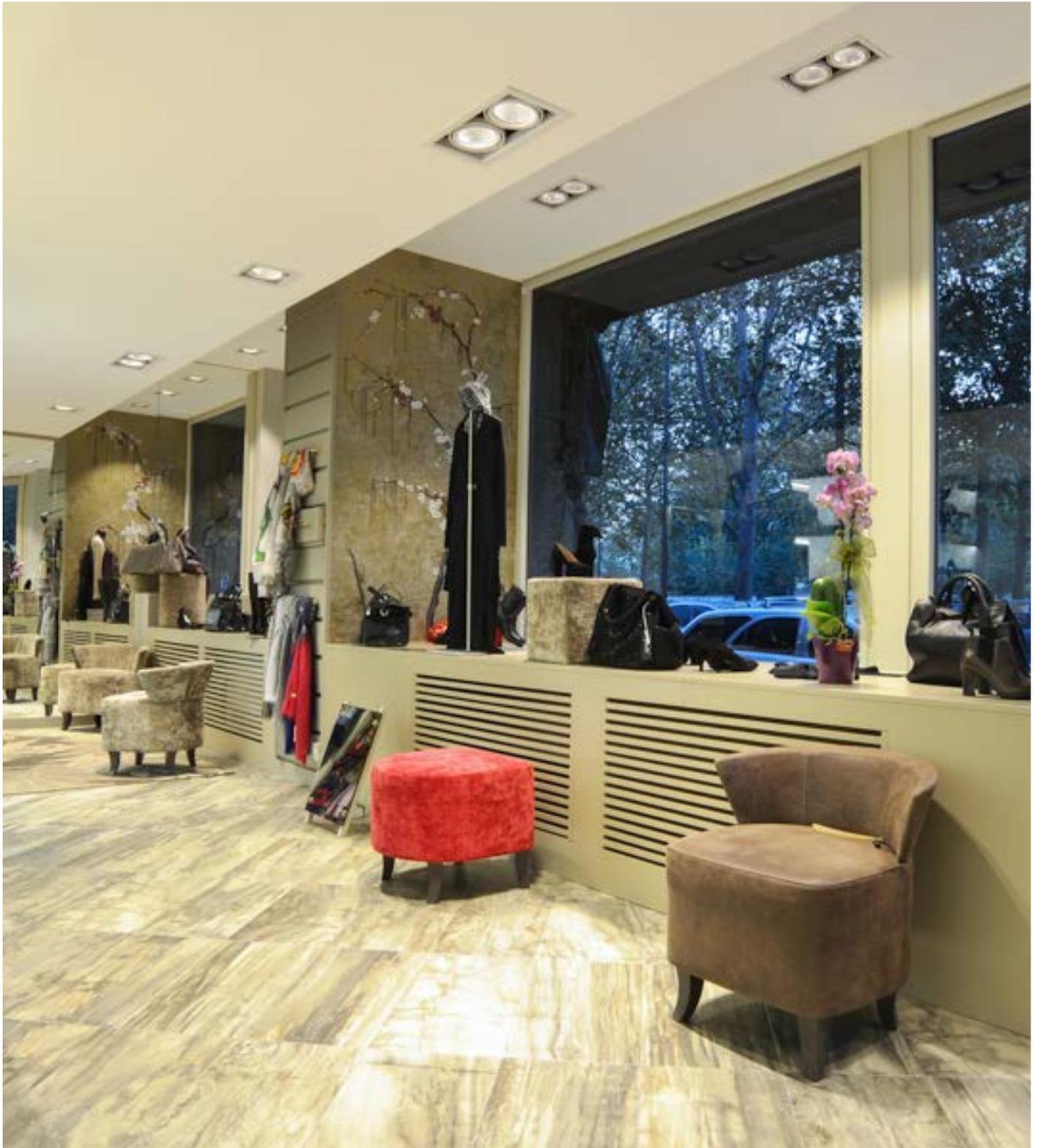
→ 2 x 23,4°



LED 1 x 7 W, 4000 K
Half-value angle 2 x 14°
Efficiency 71 lm/W

KA40EB LED / KA42EB LED

Gimbal mounting has been around for centuries, and it remains a classic within lighting technology. The purpose is to allow for maximum mobility of the luminaire head in the most compact space possible. The KA40 and KA42 gimbal-mounted spotlights also adhere to this principle, providing unrivalled flexibility thanks to the variable module sizes. They are ideal for rooms with high ceilings as the volume of light can be increased by adding modules.





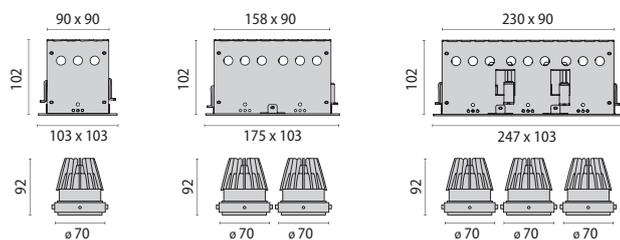
BK-RAL9005

WH-RAL9010

KA40EB LED

Recessed LED gimbal spotlight for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Adjustable luminaire head
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium or Flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Complete with electric converter
- Complete with clear safety glass pane



KA40EB LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 8°	1000 lm	780 lm	L80 B10 36000 h	8403051133310	0.26 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 8°	1040 lm	830 lm	L80 B10 36000 h	8403051133410	0.26 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 8°	1000 lm	780 lm	L80 B10 36000 h	8403051133380	0.26 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 8°	1040 lm	830 lm	L80 B10 36000 h	8403051133480	0.26 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 8°	1000 lm	780 lm	L80 B10 36000 h	8403051136310	0.26 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 8°	1040 lm	830 lm	L80 B10 36000 h	8403051136410	0.26 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 8°	1000 lm	780 lm	L80 B10 36000 h	8403051136380	0.26 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 8°	1040 lm	830 lm	L80 B10 36000 h	8403051136480	0.26 kg

KA40EB LED MEDIUM REFLECTOR

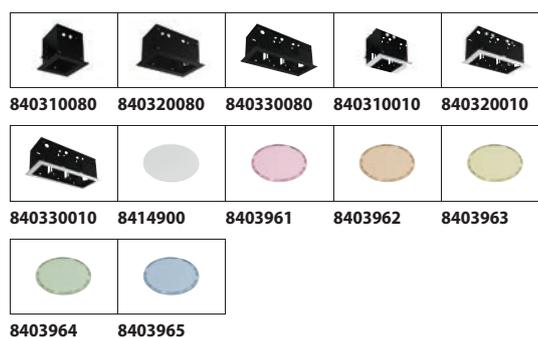
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 12°	1000 lm	720 lm	L80 B10 36000 h	8403061133310	0.26 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 12°	1040 lm	770 lm	L80 B10 36000 h	8403061133410	0.26 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 12°	1000 lm	720 lm	L80 B10 36000 h	8403061133380	0.26 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 12°	1040 lm	770 lm	L80 B10 36000 h	8403061133480	0.26 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 12°	1000 lm	720 lm	L80 B10 36000 h	8403061136310	0.26 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 12°	1040 lm	770 lm	L80 B10 36000 h	8403061136410	0.26 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 12°	1000 lm	720 lm	L80 B10 36000 h	8403061136380	0.26 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 12°	1040 lm	770 lm	L80 B10 36000 h	8403061136480	0.26 kg

KA40EB LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 24°	1000 lm	780 lm	L80 B10 36000 h	8403071133310	0.26 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 24°	1040 lm	840 lm	L80 B10 36000 h	8403071133410	0.26 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 24°	1000 lm	780 lm	L80 B10 36000 h	8403071133380	0.26 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 24°	1040 lm	840 lm	L80 B10 36000 h	8403071133480	0.26 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	14 W	3000 K	○	90-100	II	C	2 x 24°	1000 lm	780 lm	L80 B10 36000 h	8403071136310	0.26 kg
LED	14 W	4000 K	○	90-100	II	C	2 x 24°	1040 lm	840 lm	L80 B10 36000 h	8403071136410	0.26 kg
LED	14 W	3000 K	●	90-100	II	C	2 x 24°	1000 lm	780 lm	L80 B10 36000 h	8403071136380	0.26 kg
LED	14 W	4000 K	●	90-100	II	C	2 x 24°	1040 lm	840 lm	L80 B10 36000 h	8403071136480	0.26 kg

Accessories

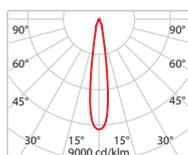
DESCRIPTION	COLOUR/RAL	CODE
Recessed housing (1 spotlight head)	●	840310080
Recessed housing (2 spotlight heads)	●	840320080
Recessed housing (3 spotlight heads)	●	840330080
Recessed housing (1 spotlight head)	○	840310010
Recessed housing (2 spotlight heads)	○	840320010
Recessed housing (3 spotlight heads)	○	840330010
Frosted safety glass pane	-	8414900
Food glass filter for meat products	-	8403961
Food glass filter for bakery products	-	8403962
Food glass filters for fruits and cheese	-	8403963
Food glass filter for vegetables	-	8403964
Food glass filter for fish products	-	8403965



Photometrics

h [m]	E [lx]	∅ [m]
0.5	26542	0.15
1.0	6636	0.29
1.5	2949	0.44
2.0	1659	0.58
2.5	1062	0.73

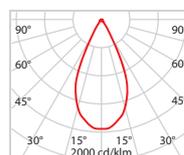
⇒ 2 x 8.3°



LED 1 x 14 W, 4000 K
Half-value angle 2 x 8°
Efficiency 59 lm/W

h [m]	E [lx]	∅ [m]
0.5	5895	0.45
1.0	1474	0.89
1.5	655	1.34
2.0	368	1.79
2.5	236	2.24

⇒ 2 x 24,1°

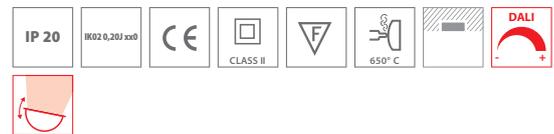
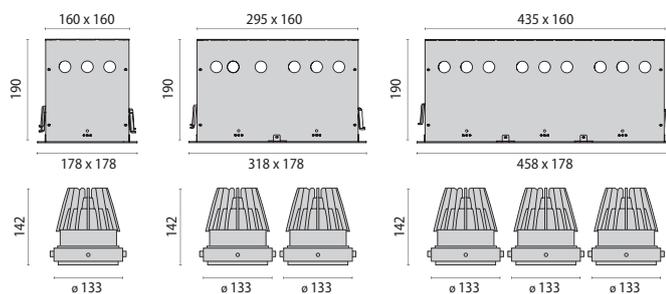


LED 1 x 14 W, 4000 K
Half-value angle 2 x 24°
Efficiency 60 lm/W

KA42EB LED

Recessed LED gimbal spotlight for indoors, consisting of:

- Die-cast aluminum spotlight body and ring, powder-coated
- Adjustable luminaire head
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Reflector in Spot, Medium or Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Complete with electric converter
- Complete with clear safety glass pane



KA42EB LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2620 lm	L80 B10 60000 h	8423051323310	0.90 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	2870 lm	L80 B10 60000 h	8423051323410	0.90 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2620 lm	L80 B10 60000 h	8423051323380	0.90 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	2870 lm	L80 B10 60000 h	8423051323480	0.90 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 6°	3980 lm	3100 lm	L80 B10 60000 h	8423051463310	0.90 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 6°	4280 lm	3390 lm	L80 B10 60000 h	8423051463410	0.90 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	3980 lm	3100 lm	L80 B10 60000 h	8423051463380	0.90 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4280 lm	3390 lm	L80 B10 60000 h	8423051463480	0.90 kg

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2620 lm	L80 B10 60000 h	8423051326310	0.90 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	2870 lm	L80 B10 60000 h	8423051326410	0.90 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2620 lm	L80 B10 60000 h	8423051326380	0.90 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	2870 lm	L80 B10 60000 h	8423051326480	0.90 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 6°	3980 lm	3100 lm	L80 B10 60000 h	8423051466310	0.90 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 6°	4280 lm	3390 lm	L80 B10 60000 h	8423051466410	0.90 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	3980 lm	3100 lm	L80 B10 60000 h	8423051466380	0.90 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4280 lm	3390 lm	L80 B10 60000 h	8423051466480	0.90 kg

KA42EB LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 14°	3360 lm	2650 lm	L80 B10 60000 h	8423061323310	0.90 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 14°	3630 lm	2910 lm	L80 B10 60000 h	8423061323410	0.90 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 14°	3360 lm	2650 lm	L80 B10 60000 h	8423061323380	0.90 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 14°	3630 lm	2910 lm	L80 B10 60000 h	8423061323480	0.90 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 14°	3980 lm	3130 lm	L80 B10 60000 h	8423061463310	0.90 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 14°	4280 lm	3430 lm	L80 B10 60000 h	8423061463410	0.90 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 14°	3980 lm	3130 lm	L80 B10 60000 h	8423061463380	0.90 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 14°	4280 lm	3430 lm	L80 B10 60000 h	8423061463480	0.90 kg

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 14°	3360 lm	2650 lm	L80 B10 60000 h	8423061326310	0.90 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 14°	3630 lm	2910 lm	L80 B10 60000 h	8423061326410	0.90 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 14°	3360 lm	2650 lm	L80 B10 60000 h	8423061326380	0.90 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 14°	3630 lm	2910 lm	L80 B10 60000 h	8423061326480	0.90 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 14°	3980 lm	3130 lm	L80 B10 60000 h	8423061466310	0.90 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 14°	4280 lm	3430 lm	L80 B10 60000 h	8423061466410	0.90 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 14°	3980 lm	3130 lm	L80 B10 60000 h	8423061466380	0.90 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 14°	4280 lm	3430 lm	L80 B10 60000 h	8423061466480	0.90 kg



KA42EB LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 35°	3360 lm	2570 lm	L80 B10 60000 h	8423071323310	0.90 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 35°	3630 lm	2760 lm	L80 B10 60000 h	8423071323410	0.90 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 35°	3360 lm	2570 lm	L80 B10 60000 h	8423071323380	0.90 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 35°	3630 lm	2760 lm	L80 B10 60000 h	8423071323480	0.90 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 35°	3980 lm	3680 lm	L80 B10 60000 h	8423071463310	0.90 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 35°	4280 lm	3860 lm	L80 B10 60000 h	8423071463410	0.90 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 35°	3980 lm	3680 lm	L80 B10 60000 h	8423071463380	0.90 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 35°	4280 lm	3860 lm	L80 B10 60000 h	8423071463480	0.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 35°	3360 lm	2570 lm	L80 B10 60000 h	8423071326310	0.90 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 35°	3630 lm	2760 lm	L80 B10 60000 h	8423071326410	0.90 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 35°	3360 lm	2570 lm	L80 B10 60000 h	8423071326380	0.90 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 35°	3630 lm	2760 lm	L80 B10 60000 h	8423071326480	0.90 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 35°	4280 lm	3860 lm	L80 B10 60000 h	8423071466410	0.90 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 35°	3980 lm	3680 lm	L80 B10 60000 h	8423071466310	0.90 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 35°	3980 lm	3680 lm	L80 B10 60000 h	8423071466380	0.90 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 35°	4280 lm	3860 lm	L80 B10 60000 h	8423071466480	0.90 kg

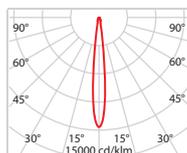
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Recessed housing (1 spotlight head)	●	842310080
Recessed housing (2 spotlight heads)	●	842320080
Recessed housing (3 spotlight heads)	●	842330080
Recessed housing (1 spotlight head)	○	842310010
Recessed housing (2 spotlight heads)	○	842320010
Recessed housing (3 spotlight heads)	○	842330010
Frosted safety glass pane	-	8417900
Food glass filter for meat products	-	8423961
Food glass filter for bakery products	-	8423962
Food glass filters for fruits and cheese	-	8423963
Food glass filter for vegetables	-	8423964
Food glass filter for fish products	-	8423965



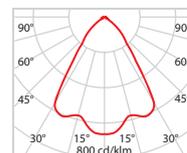
Photometrics

h [m]	E [lx]	∅ [m]
0.5	151156	0.10
1.0	37789	0.21
1.5	16795	0.31
2.0	9447	0.41
2.5	6046	0.52
≠ 2 x 5.9°		



LED 1 x 35 W, 4000 K
Half-value angle 2 x 6°
Efficiency 82 lm/W

h [m]	E [lx]	∅ [m]
0.5	11557	0.69
1.0	2889	1.38
1.5	1284	2.07
2.0	722	2.76
2.5	462	3.45
≠ 2 x 34.6°		



LED 1 x 40 W, 4000 K
Half-value angle 2 x 35°
Efficiency 97 lm/W

AS442/448 LED / AS425/427 LED

Innovatively detailed solutions are the immediate eye catchers in the new AS442, AS425, AS427 and AS 448 track-mounted spotlights. They can be retro-fitted or modified for a variety of illumination settings thanks to their easily exchangeable reflector technology. The faceted reflectors use ideal beam deflection to create highly efficient lighting. Thermal management for maximum cooling and efficient LED technology produce an unrivalled application for accented lighting.





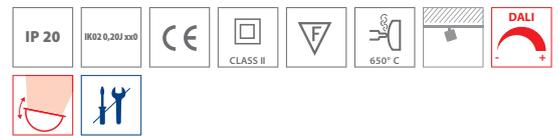
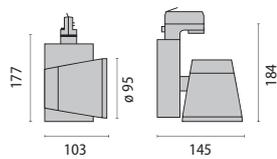
BK-RAL9005

WH-RAL9010

AS442 LED

LED track light for interior, including:

- Extruded aluminum profile and die-cast aluminum spotlight housing, powder-coated
- Tilting and turning spotlight head
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Bayonet-closure ring for a toolless replacement of the reflector and the louvre
- Reflector in Spot, Medium or Flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Universal tri-phase adaptor included
- Complete with electric converter
- Toolless mounting
- Complete with clear safety glass pane



AS442 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 50000 h	8442453253310	0.70 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 50000 h	8442453253410	0.70 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 50000 h	8442453253380	0.70 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 50000 h	8442453253480	0.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 50000 h	8442453256310	0.70 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 50000 h	8442453256410	0.70 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 8°	2720 lm	2050 lm	L80 B10 50000 h	8442453256380	0.70 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 8°	2910 lm	2240 lm	L80 B10 50000 h	8442453256480	0.70 kg

AS442 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 15°	2720 lm	2050 lm	L80 B10 50000 h	8442463253310	0.70 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 15°	2910 lm	2240 lm	L80 B10 50000 h	8442463253410	0.70 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 15°	2720 lm	2050 lm	L80 B10 50000 h	8442463253380	0.70 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 15°	2910 lm	2240 lm	L80 B10 50000 h	8442463253480	0.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 15°	2720 lm	2050 lm	L80 B10 50000 h	8442463256310	0.70 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 15°	2910 lm	2240 lm	L80 B10 50000 h	8442463256410	0.70 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 15°	2720 lm	2050 lm	L80 B10 50000 h	8442463256380	0.70 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 15°	2910 lm	2240 lm	L80 B10 50000 h	8442463256480	0.70 kg

AS442 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 33°	2720 lm	2100 lm	L80 B10 50000 h	8442473253310	0.70 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 33°	2910 lm	2300 lm	L80 B10 50000 h	8442473253410	0.70 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 33°	2720 lm	2100 lm	L80 B10 50000 h	8442473253380	0.70 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 33°	2910 lm	2300 lm	L80 B10 50000 h	8442473253480	0.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	II	C	2 x 33°	2720 lm	2100 lm	L80 B10 50000 h	8442473256310	0.70 kg
LED	27 W	4000 K	○	90-100	II	C	2 x 33°	2910 lm	2300 lm	L80 B10 50000 h	8442473256410	0.70 kg
LED	27 W	3000 K	●	90-100	II	C	2 x 33°	2720 lm	2100 lm	L80 B10 50000 h	8442473256380	0.70 kg
LED	27 W	4000 K	●	90-100	II	C	2 x 33°	2910 lm	2300 lm	L80 B10 50000 h	8442473256480	0.70 kg

Accessories

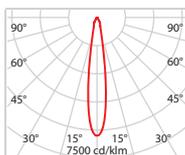
DESCRIPTION	COLOUR/RAL	CODE
Food glass filter for meat products	-	8442961
Food glass filter for bakery products	-	8442962
Food glass filters for fruits and cheese	-	8442963
Food glass filter for vegetables	-	8442964
Food glass filter for fish products	-	8442965



Photometrics

h [m]	E [lx]	∅ [m]
0.5	63921	0.14
1.0	15980	0.28
1.5	7102	0.43
2.0	3995	0.57
2.5	2557	0.71

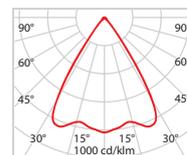
±2 x 8.1°



LED 1 x 27 W, 4000 K
Half-value angle 2 x 8°
Efficiency 83 lm/W

h [m]	E [lx]	∅ [m]
0.5	8489	0.65
1.0	2122	1.30
1.5	943	1.95
2.0	531	2.60
2.5	340	3.25

±2 x 33.0°

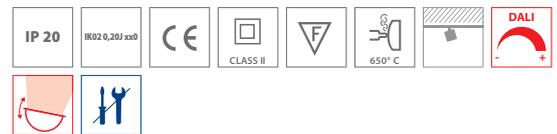
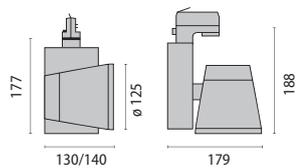


LED 1 x 27 W, 4000 K
Half-value angle 2 x 33°
Efficiency 85 lm/W

AS448 LED

LED track light for interior, including:

- Extruded aluminum profile and die-cast aluminum spotlight housing, powder-coated
- Tilting and turning spotlight head
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Bayonet-closure ring for a toolless replacement of the reflector and the louvre
- Reflector in Spot, Medium or Flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Universal tri-phase adaptor included
- Complete with electric converter
- Toolless mounting
- Complete with clear safety glass pane



AS448 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2470 lm	L80 B10 50000 h	8448453323310	1.40 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	2700 lm	L80 B10 50000 h	8448453323410	1.40 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2470 lm	L80 B10 50000 h	8448453323380	1.40 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	2700 lm	L80 B10 50000 h	8448453323480	1.40 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 6°	4280 lm	3100 lm	L80 B10 50000 h	8448453463310	1.40 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 6°	4600 lm	3390 lm	L80 B10 50000 h	8448453463410	1.40 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	4280 lm	3100 lm	L80 B10 50000 h	8448453463380	1.40 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4600 lm	3390 lm	L80 B10 50000 h	8448453463480	1.40 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 6°	3360 lm	2470 lm	L80 B10 50000 h	8448453326310	1.40 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 6°	3630 lm	2700 lm	L80 B10 50000 h	8448453326410	1.40 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 6°	3360 lm	2470 lm	L80 B10 50000 h	8448453326380	1.40 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 6°	3630 lm	2700 lm	L80 B10 50000 h	8448453326480	1.40 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 6°	4280 lm	3100 lm	L80 B10 50000 h	8448453466310	1.40 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 6°	4600 lm	3390 lm	L80 B10 50000 h	8448453466410	1.40 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 6°	4280 lm	3100 lm	L80 B10 50000 h	8448453466380	1.40 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 6°	4600 lm	3390 lm	L80 B10 50000 h	8448453466480	1.40 kg

AS448 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 16°	3360 lm	2570 lm	L80 B10 50000 h	8448463323310	1.40 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 16°	3630 lm	2820 lm	L80 B10 50000 h	8448463323410	1.40 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 16°	3360 lm	2570 lm	L80 B10 50000 h	8448463323380	1.40 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 16°	3630 lm	2820 lm	L80 B10 50000 h	8448463323480	1.40 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 16°	4280 lm	3230 lm	L80 B10 50000 h	8448463466310	1.40 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 16°	4600 lm	3540 lm	L80 B10 50000 h	8448463466410	1.40 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 16°	4280 lm	3230 lm	L80 B10 50000 h	8448463466380	1.40 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 16°	4600 lm	3540 lm	L80 B10 50000 h	8448463466480	1.40 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	90-100	II	C	2 x 16°	3360 lm	2570 lm	L80 B10 50000 h	8448463326310	1.40 kg
LED	35 W	4000 K	○	90-100	II	C	2 x 16°	3630 lm	2820 lm	L80 B10 50000 h	8448463326410	1.40 kg
LED	35 W	3000 K	●	90-100	II	C	2 x 16°	3360 lm	2570 lm	L80 B10 50000 h	8448463326380	1.40 kg
LED	35 W	4000 K	●	90-100	II	C	2 x 16°	3630 lm	2820 lm	L80 B10 50000 h	8448463326480	1.40 kg
LED	40 W	3000 K	○	90-100	II	C	2 x 16°	4280 lm	3230 lm	L80 B10 50000 h	8448463466310	1.40 kg
LED	40 W	4000 K	○	90-100	II	C	2 x 16°	4600 lm	3540 lm	L80 B10 50000 h	8448463466410	1.40 kg
LED	40 W	3000 K	●	90-100	II	C	2 x 16°	4280 lm	3230 lm	L80 B10 50000 h	8448463466380	1.40 kg
LED	40 W	4000 K	●	90-100	II	C	2 x 16°	4600 lm	3540 lm	L80 B10 50000 h	8448463466480	1.40 kg



AS448 LED FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	C	II	C/2x21-30°	2 x 27°	3360 lm	2650 lm	L80 B10 50000 h	8448473323310	1.40 kg
LED	35 W	4000 K	○	C	II	C/2x21-30°	2 x 27°	3630 lm	2900 lm	L80 B10 50000 h	8448473323410	1.40 kg
LED	35 W	3000 K	●	C	II	C/2x21-30°	2 x 27°	3360 lm	2650 lm	L80 B10 50000 h	8448473323380	1.40 kg
LED	35 W	4000 K	●	C	II	C/2x21-30°	2 x 27°	3630 lm	2900 lm	L80 B10 50000 h	8448473323480	1.40 kg
LED	40 W	3000 K	○	C	II	C/2x21-30°	2 x 27°	4280 lm	3330 lm	L80 B10 50000 h	8448473463310	1.40 kg
LED	40 W	4000 K	○	C	II	C/2x21-30°	2 x 27°	4600 lm	3650 lm	L80 B10 50000 h	8448473463410	1.40 kg
LED	40 W	3000 K	●	C	II	C/2x21-30°	2 x 27°	4280 lm	3330 lm	L80 B10 50000 h	8448473463380	1.40 kg
LED	40 W	4000 K	●	C	II	C/2x21-30°	2 x 27°	4600 lm	3650 lm	L80 B10 50000 h	8448473463480	1.40 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	35 W	3000 K	○	C	II	C/2x21-30°	2 x 27°	3360 lm	2650 lm	L80 B10 50000 h	8448473326310	1.40 kg
LED	35 W	4000 K	○	C	II	C/2x21-30°	2 x 27°	3630 lm	2900 lm	L80 B10 50000 h	8448473326410	1.40 kg
LED	35 W	3000 K	●	C	II	C/2x21-30°	2 x 27°	3360 lm	2650 lm	L80 B10 50000 h	8448473326380	1.40 kg
LED	35 W	4000 K	●	C	II	C/2x21-30°	2 x 27°	3630 lm	2900 lm	L80 B10 50000 h	8448473326480	1.40 kg
LED	40 W	3000 K	○	C	II	C/2x21-30°	2 x 27°	4280 lm	3330 lm	L80 B10 50000 h	8448473466310	1.40 kg
LED	40 W	4000 K	○	C	II	C/2x21-30°	2 x 27°	4600 lm	3650 lm	L80 B10 50000 h	8448473466410	1.40 kg
LED	40 W	3000 K	●	C	II	C/2x21-30°	2 x 27°	4280 lm	3330 lm	L80 B10 50000 h	8448473466380	1.40 kg
LED	40 W	4000 K	●	C	II	C/2x21-30°	2 x 27°	4600 lm	3650 lm	L80 B10 50000 h	8448473466480	1.40 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Food glass filter for meat products	-	8448961
Food glass filter for bakery products	-	8448962
Food glass filters for fruits and cheese	-	8448963
Food glass filter for vegetables	-	8448964
Food glass filter for fish products	-	8448965

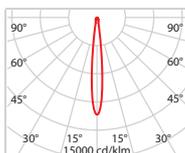


8448961 8448962 8448963 8448964 8448965

Photometrics

h [m]	E [lx]	∅ [m]
0.5	160536	0.10
1.0	40134	0.21
1.5	17837	0.31
2.0	10033	0.41
2.5	6421	0.52

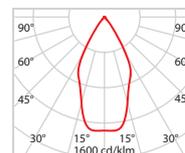
⇒ 2 x 5,9°



LED 1 x 40 W, 4000 K
Half-value angle 2 x 6°
Efficiency 85 lm/W

h [m]	E [lx]	∅ [m]
0.5	21239	0.50
1.0	5310	1.01
1.5	2360	1.51
2.0	1327	2.01
2.5	850	2.51

⇒ 2 x 26,7°



LED 1 x 40 W, 4000 K
Half-value angle 2 x 27°
Efficiency 91 lm/W

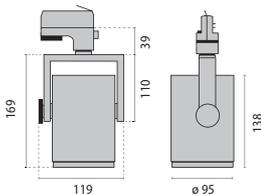
BK-RAL9005

WH-RAL9010

AS425 LED

LED track light for interior, including:

- Extruded aluminum profile and die-cast aluminum spotlight housing, powder-coated
- Tilting and turning spotlight head
- High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
- Bayonet-closure ring for a toolless replacement of the reflector and the louvre
- Reflector in Spot, Medium or Wide flood design
- Colour rendering index Ra > 90
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Universal tri-phase adaptor included
- Complete with electric converter
- Toolless mounting
- Complete with clear safety glass pane



AS425 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	I	C	2 x 8°	2020 lm	1720 lm	L80 B10 60000 h	8425453173310	0.70 kg
LED	20 W	4000 K	○	90-100	I	C	2 x 8°	2380 lm	1890 lm	L80 B10 60000 h	8425453173410	0.70 kg
LED	20 W	3000 K	●	90-100	I	C	2 x 8°	2020 lm	1720 lm	L80 B10 60000 h	8425453173380	0.70 kg
LED	20 W	4000 K	●	90-100	I	C	2 x 8°	2380 lm	1890 lm	L80 B10 60000 h	8425453173480	0.70 kg



AS425 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	I	C	2 x 15°	2020 lm	1690 lm	L80 B10 60000 h	8425463173310	0.70 kg
LED	20 W	4000 K	○	90-100	I	C	2 x 15°	2380 lm	1850 lm	L80 B10 60000 h	8425463173410	0.70 kg
LED	20 W	3000 K	●	90-100	I	C	2 x 15°	2020 lm	1690 lm	L80 B10 60000 h	8425463173380	0.70 kg
LED	20 W	4000 K	●	90-100	I	C	2 x 15°	2380 lm	1850 lm	L80 B10 60000 h	8425463173480	0.70 kg

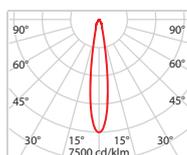


AS425 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	20 W	3000 K	○	90-100	I	C	2 x 33°	2020 lm	1710 lm	L80 B10 60000 h	8425483173310	0.70 kg
LED	20 W	4000 K	○	90-100	I	C	2 x 33°	2380 lm	1880 lm	L80 B10 60000 h	8425483173410	0.70 kg
LED	20 W	3000 K	●	90-100	I	C	2 x 33°	2020 lm	1710 lm	L80 B10 60000 h	8425483173380	0.70 kg
LED	20 W	4000 K	●	90-100	I	C	2 x 33°	2380 lm	1880 lm	L80 B10 60000 h	8425483173480	0.70 kg

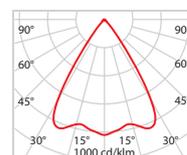
Photometrics

h [m]	E [lx]	∅ [m]
0.5	51637	0.15
1.0	12909	0.30
1.5	5737	0.44
2.0	3227	0.59
2.5	2065	0.74



LED 1 x 20 W, 4000 K
Half-value angle 2 x 8°
Efficiency 94 lm/W

h [m]	E [lx]	∅ [m]
0.5	6969	0.65
1.0	1742	1.30
1.5	774	1.95
2.0	436	2.60
2.5	279	3.25



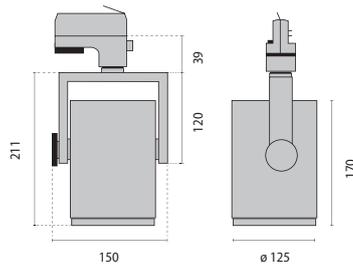
LED 1 x 20 W, 4000 K
Half-value angle 2 x 33°
Efficiency 94 lm/W

BK-RAL9005

WH-RAL9010

AS427 LED

- LED track light for interior, including:
- Extruded aluminum profile and die-cast aluminum spotlight housing, powder-coated
 - Tilting and turning spotlight head
 - High-brilliance spherical faceted reflector for maximum lamp performance and neutral colour rendering
 - Bayonet-closure ring for a toolless replacement of the reflector and the louvre
 - Reflector in Spot, Medium or Wide flood design
 - Colour rendering index Ra > 90
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Universal tri-phase adaptor included
 - Complete with electric converter
 - Toolless mounting
 - Complete with clear safety glass pane



AS427 LED SPOT REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	I	C	2 x 6°	3360 lm	2650 lm	L80 B10 60000 h	8427453333310	1.40 kg
LED	35 W	4000 K	○	90-100	I	C	2 x 6°	3630 lm	2910 lm	L80 B10 60000 h	8427453333340	1.40 kg
LED	35 W	3000 K	●	90-100	I	C	2 x 6°	3360 lm	2650 lm	L80 B10 60000 h	8427453333380	1.40 kg
LED	35 W	4000 K	●	90-100	I	C	2 x 6°	3630 lm	2910 lm	L80 B10 60000 h	8427453333380	1.40 kg
LED	40 W	3000 K	○	90-100	I	C	2 x 6°	3980 lm	3240 lm	L80 B10 60000 h	8427453383310	1.40 kg
LED	40 W	4000 K	○	90-100	I	C	2 x 6°	4280 lm	3550 lm	L80 B10 60000 h	8427453383340	1.40 kg
LED	40 W	3000 K	●	90-100	I	C	2 x 6°	3980 lm	3240 lm	L80 B10 60000 h	8427453383380	1.40 kg
LED	40 W	4000 K	●	90-100	I	C	2 x 6°	4280 lm	3550 lm	L80 B10 60000 h	8427453383380	1.40 kg

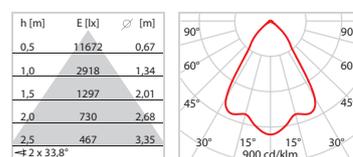
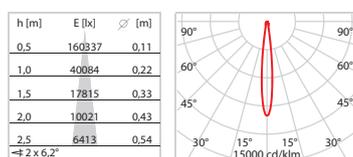
AS427 LED MEDIUM REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	I	C	2 x 16°	3360 lm	2680 lm	L80 B10 60000 h	8427463333310	1.40 kg
LED	35 W	4000 K	○	90-100	I	C	2 x 16°	3630 lm	2930 lm	L80 B10 60000 h	8427463333340	1.40 kg
LED	35 W	3000 K	●	90-100	I	C	2 x 16°	3360 lm	2680 lm	L80 B10 60000 h	8427463333380	1.40 kg
LED	35 W	4000 K	●	90-100	I	C	2 x 16°	3630 lm	2930 lm	L80 B10 60000 h	8427463333380	1.40 kg
LED	40 W	3000 K	○	90-100	I	C	2 x 16°	3980 lm	3270 lm	L80 B10 60000 h	8427463383310	1.40 kg
LED	40 W	4000 K	○	90-100	I	C	2 x 16°	4280 lm	3580 lm	L80 B10 60000 h	8427463383340	1.40 kg
LED	40 W	3000 K	●	90-100	I	C	2 x 16°	3980 lm	3270 lm	L80 B10 60000 h	8427463383380	1.40 kg
LED	40 W	4000 K	●	90-100	I	C	2 x 16°	4280 lm	3580 lm	L80 B10 60000 h	8427463383380	1.40 kg

AS427 LED WIDE FLOOD REFLECTOR

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	OPTIC BEAM	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	35 W	3000 K	○	90-100	I	C	2 x 34°	3360 lm	2650 lm	L80 B10 60000 h	8427483333310	1.40 kg
LED	35 W	4000 K	○	90-100	I	C	2 x 34°	3630 lm	2900 lm	L80 B10 60000 h	8427483333340	1.40 kg
LED	35 W	3000 K	●	90-100	I	C	2 x 34°	3360 lm	2650 lm	L80 B10 60000 h	8427483333380	1.40 kg
LED	35 W	4000 K	●	90-100	I	C	2 x 34°	3630 lm	2900 lm	L80 B10 60000 h	8427483333380	1.40 kg
LED	40 W	3000 K	○	90-100	I	C	2 x 34°	3980 lm	3260 lm	L80 B10 60000 h	8427483383310	1.40 kg
LED	40 W	4000 K	○	90-100	I	C	2 x 34°	4280 lm	3570 lm	L80 B10 60000 h	8427483383340	1.40 kg
LED	40 W	3000 K	●	90-100	I	C	2 x 34°	3980 lm	3260 lm	L80 B10 60000 h	8427483383380	1.40 kg
LED	40 W	4000 K	●	90-100	I	C	2 x 34°	4280 lm	3570 lm	L80 B10 60000 h	8427483383380	1.40 kg

Photometrics

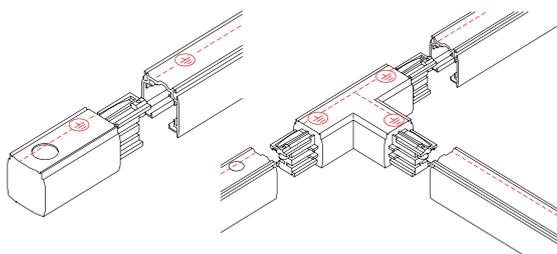
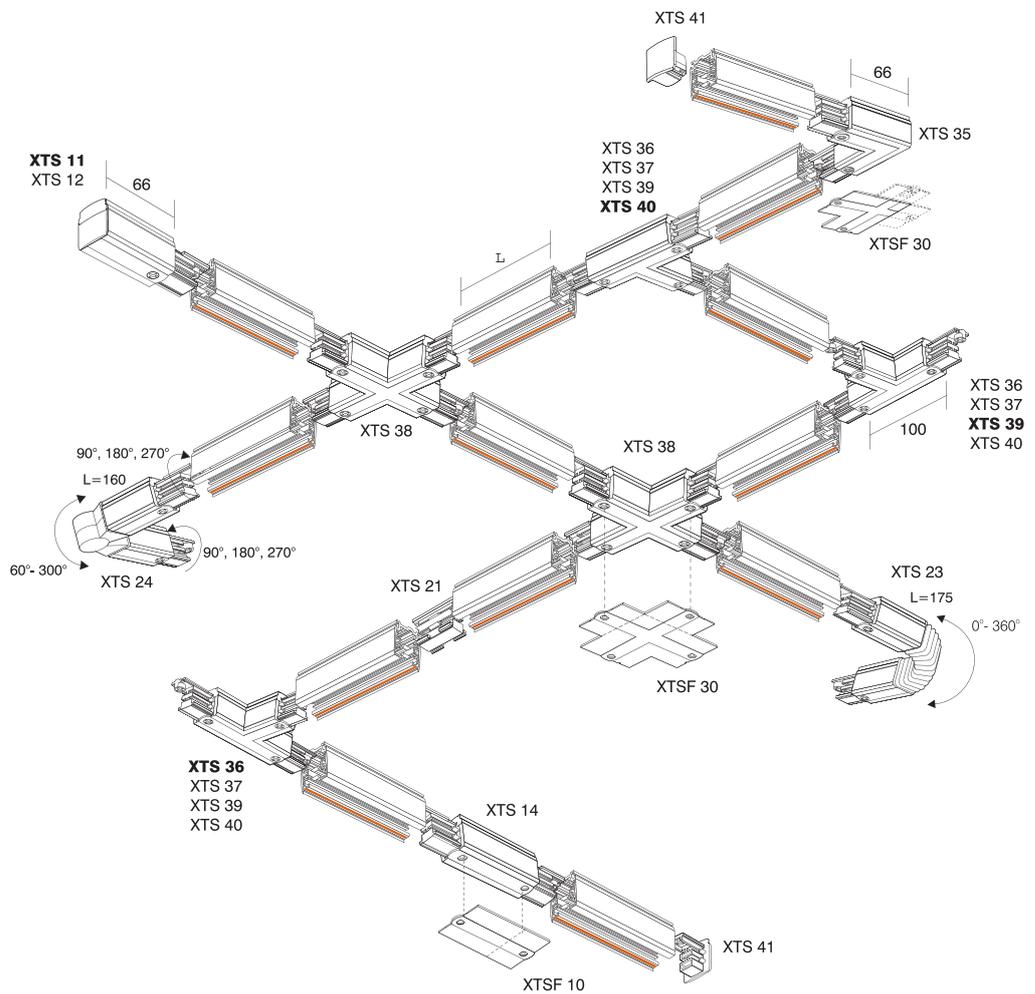
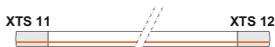
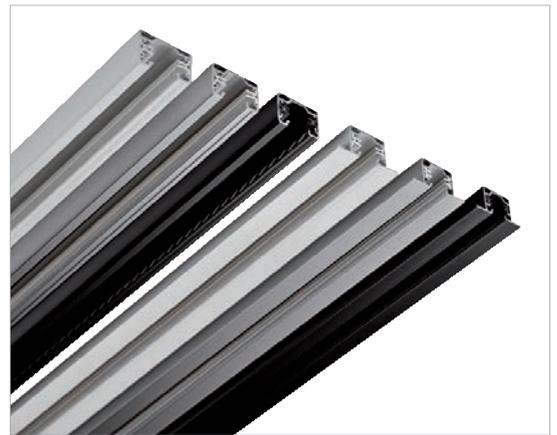


RAILS

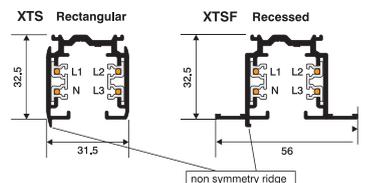
The track system with 3 switches is a complete installation system designed for stores, hypermarkets, public facilities, museums, factories, etc..

- All designs can be easily implemented, and assembly is facilitated by the use of tracks and standard accessories
- Designed for exposed, recessed or suspension installation, and the luminaires can be easily moved, changed or modified
- Tracks and accessories are available in the shades white (WH-RAL9016), grey (GR-RAL9006) and black (BK-RAL9005)
- The indication "earthing conductor on the right, left, inside or outside" for power supply units, corner and T- derivations is based on the position of the earthing conductor on the track. The position of the earthing conductor on the track depends on the visual direction. The visual direction follows the operating direction of the system on the cross cup of the track that opens downwards

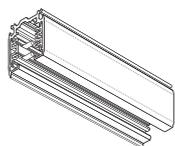
→ Accessories for DALI-variants are available on demand.



- XTS 4100 (L=1000)
- XTS 4200 (L=2000)
- XTS 4300 (L=3000)
- XTS 4400 (L=4000)
- XTSF 4100 (L=1000)
- XTSF 4200 (L=2000)
- XTSF 4300 (L=3000)
- XTSF 4400 (L=4000)



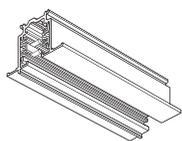
XTS



3 phase surface mounted track, 16A - 400V

DESCRIPTION	COLOUR	CODE
XTS4100-1 / 1000 mm	●	27-09186
XTS4100-2 / 1000 mm	●	27-09190
XTS4100-3 / 1000 mm	○	27-09188
XTS4200-1 / 2000 mm	●	27-09192
XTS4200-2 / 2000 mm	○	27-09196
XTS4200-3 / 2000 mm	●	27-09194
XTS4300-1 / 3000 mm	○	27-09198
XTS4300-2 / 3000 mm	●	27-09202
XTS4300-3 / 3000 mm	●	27-09200
XTS4400-1 / 4000 mm	●	27-09204
XTS4400-2 / 4000 mm	●	27-09208
XTS4400-3 / 4000 mm	○	27-09206

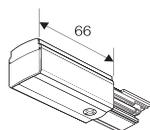
XTSF



3 phase recessed track, 16A - 400V

DESCRIPTION	COLOUR	CODE
XTSF4100-3 / 1000 mm	○	27-09189
XTSF4200-3 / 2000 mm	○	27-09195
XTSF4300-3 / 3000 mm	○	27-09201
XTSF4400-3 / 4000 mm	○	27-09207

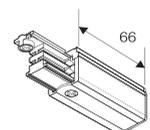
XTS11



End feed, earth connector left

DESCRIPTION	COLOUR	CODE
XTS11-1	●	27-09011
XTS11-2	●	27-09017
XTS11-3	○	27-09014

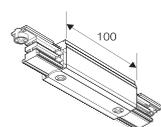
XTS12



End feed, earth connector right

DESCRIPTION	COLOUR	CODE
XTS12-1	●	27-09010
XTS12-2	●	27-09016
XTS12-3	○	27-09013

XTS14



Straight connector with middle feeding

DESCRIPTION	COLOUR	CODE
XTS14-1	●	27-09009
XTS14-2	●	27-09015
XTS14-3	○	27-09012

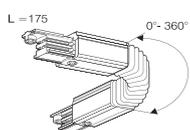
XTS21



Straight connector

DESCRIPTION	COLOUR	CODE
XTS21-1	●	27-09066
XTS21-2	●	27-09075
XTS21-3	○	27-09070

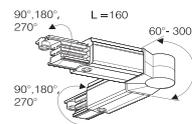
XTS23



Flexible corner connector, any angle possible

DESCRIPTION	COLOUR	CODE
XTS23-1	●	27-09062
XTS23-2	●	27-09064
XTS23-3	○	27-09063

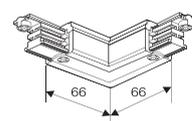
XTS24



Adjustable corner connector

DESCRIPTION	COLOUR	CODE
XTS24-1	●	27-09059
XTS24-2	●	27-09061
XTS24-3	○	27-09060

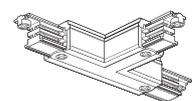
XTS34/35



L-Connector with feeding

DESCRIPTION	COLOUR	CODE
XTS34-1 / earth connector inside	●	27-09054
XTS34-2 / earth connector inside	●	27-09058
XTS34-3 / earth connector inside	○	27-09056
XTS35-1 / earth connector outside	●	27-09053
XTS35-2 / earth connector outside	●	27-09057
XTS35-3 / earth connector outside	○	27-09055

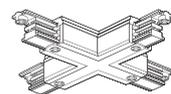
XTS36/37



T-Connector with feeding

DESCRIPTION	COLOUR	CODE
XTS36-1 / outside right	●	27-09077
XTS36-2 / outside right	●	27-09085
XTS36-3 / outside right	○	27-09080
XTS37-1 / inside right	●	27-09078
XTS37-2 / inside right	●	27-09086
XTS37-3 / inside right	○	27-09083

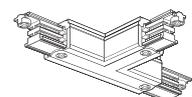
XTS38



X-Connector with feeding

DESCRIPTION	COLOUR	CODE
XTS38-1	●	27-09088
XTS38-2	●	27-09090
XTS38-3	○	27-09089

XTS39/40



T-Connector with feeding

DESCRIPTION	COLOUR	CODE
XTS39-1 / outside left	●	27-09076
XTS39-2 / outside left	●	27-09084
XTS39-3 / outside left	○	27-09081
XTS40-1 / inside left	●	27-09079
XTS40-2 / inside left	●	27-09087
XTS40-3 / inside left	○	27-09082

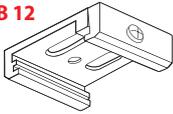
XTS41



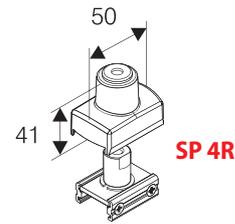
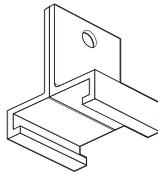
End cap for 3 phase track

DESCRIPTION	COLOUR	CODE
XTS41-1	●	27-09039
XTS41-2	●	27-09041
XTS41-3	○	27-09040

SKB 12

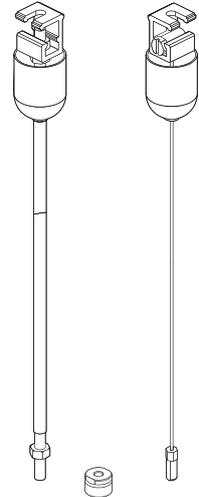


SKB 16



SP R6

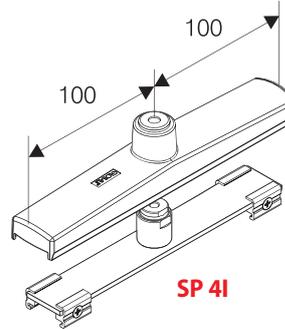
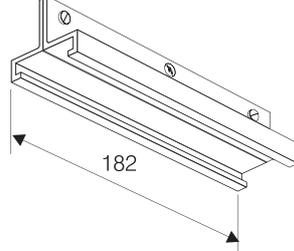
SP W1



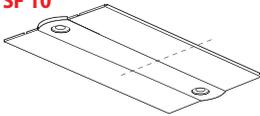
XTSV 12



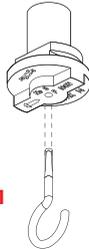
SKB 18



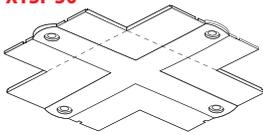
XTSF 10



XTAK 14



XTSF 30

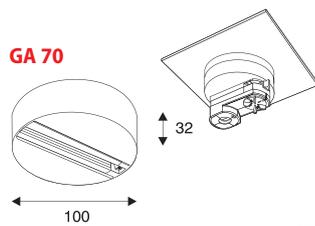


XTAK 11

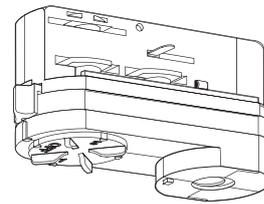


DESCRIPTION	COLOUR/RAL	CODE
SKB12 Ceiling clamp		
SKB12-1 / maximum load 20 kg	●	27-09153
SKB12-2 / maximum load 20 kg	●	27-09157
SKB12-3 / maximum load 20 kg	○	27-09154
SKB16 Suspension clamp		
SKB16-1	●	27-09152
SKB16-3	○	27-09155
SKB18 Support		
SKB18-1	●	27-09151
XTSF10 Cover plate for feed XTS11-14		
XTSF10-3	○	27-09071
XTSF30 Cover plate for connector XTS34-40		
XTSF30-3	○	27-09069
XTSV12 Bending tool		
XTSV12	-	27-09235
XTAK11 Hook		
XTAK11-1	●	27-09049
XTAK14 Hook base, Fmax 100N		
XTAK14-3	○	27-09048

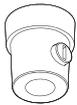
DESCRIPTION	COLOUR/RAL	CODE
SP4R Point clamp suspension, Fmax 200N		
SP4R-1	●	27-09217
SP4R-2	●	27-09159
SP4R-3	○	27-09158
SP4I Middle feed suspension, Fmax 200N		
SP4I-1	●	27-09103
SP4I-2	●	27-09105
SP4I-3	○	27-09104
SPR6 Rod suspension set, M6, length 1000mm, Fmax 200N		
SPR6-2	●	27-09145
SPR6-3	○	27-09144
SPW1 Wire suspension set, M6, length 1500mm, Fmax 150N		
SPW1-2	●	27-09246



XTSA 68



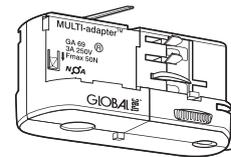
XTSA 510
XTSA 513



XTS 56/8
XTS 58/8



GA 69



XTSA 55/12



GA 510



XTSA 57/12



XTSA 57/8

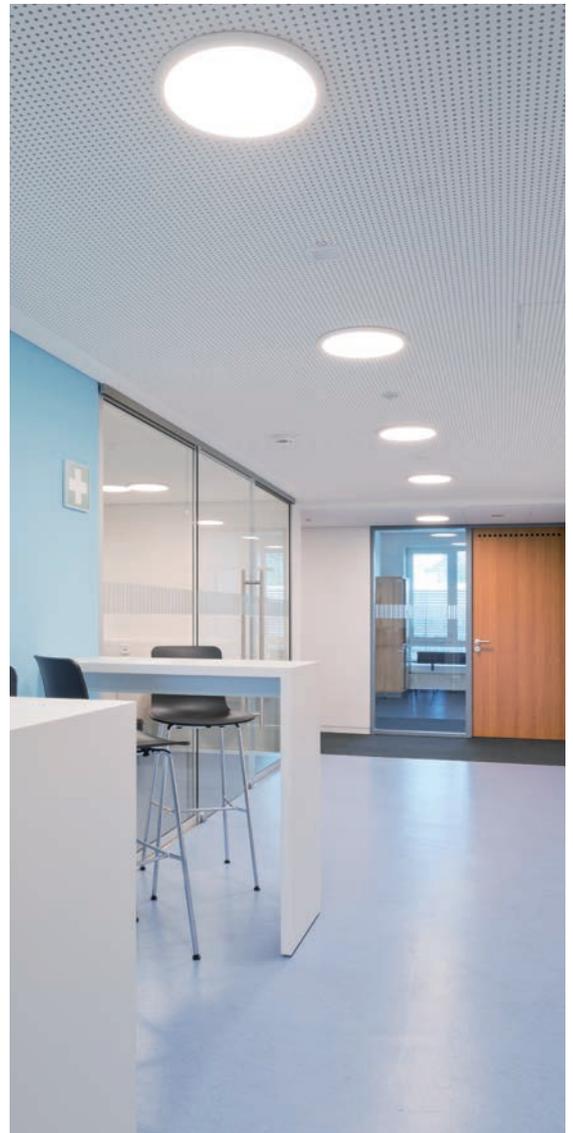


DESCRIPTION	COLOUR/RAL	CODE
GA 70 Ceiling rose for adapter luminaire with bus option, Fmax 50N		
GA70-2	●	27-09044
GA70-3	○	27-09043
XTS56/8 Nipples, aluminium, M13, thread length 8 mm		
XTS56/8-9	●	27-09129
XTS58/8 Nipples, aluminium, M10, thread length 8 mm		
XTS58/8-9	●	27-09126
XTSA510 Nipples, inside thread, M10, thread length, 7,5 mm		
XTSA510-2	●	27-09135
XTSA510-3	○	27-09131
XTSA513 Nipples, inside thread, M13, thread length, 9 mm		
XTSA513-2	●	27-09137
XTSA513-3	○	27-09136
XTSA55/12 Nipples aluminium, rotating, M13, thread length 12 mm		
XTSA55/12-9	●	27-09128
XTSA57/12 Nipples, aluminium, rotating M10, thread length 8/12mm		
XTSA57/12-2	●	27-09120
XTSA57/12-9	●	27-09119
XTSA57/8-9	●	27-09121

DESCRIPTION	COLOUR/RAL	CODE
XTSA68 Multi-adapter, Fmax 100N, 10A - 250V		
XTSA68-1	●	27-09107
XTSA68-2	●	27-09116
XTSA68-3	○	27-09112
GA69 Multi-adapter, Fmax 50N, 6A - 250V		
GA69-1	●	27-09006
GA69-2	●	27-09008
GA69-3	○	27-09007
GA510 Strain relief		
GA510-2	●	27-09134
GA510-3	○	27-09130
GA57/10 Nipples, rotating, M10, thread length 12 mm		
GA57/10-1	●	27-09123
GA57/10-2	●	27-09125

GENERAL

GENERAL LIGHTING



FL333 LED



Pendant luminaire 181
Surface mounted luminaire 199
Recessed lights 215

FL555 LED



Pendant luminaire 182
Surface mounted luminaire 200
Recessed lights 216

FL300 LED



Pendant luminaire 185
Surface mounted luminaire 203
Recessed lights 219

FL600 LED



Pendant luminaire 186
Surface mounted luminaire 204
Recessed lights 220
Inlaid luminaires 223

FL625 LED



Pendant luminaire 188
Surface mounted luminaire 204
Recessed lights 220
Inlaid luminaires 223

FL300EL LED RECTANGULAR



Inlaid luminaires 227

FL315EL LED RECTANGULAR



Inlaid luminaires 228

FL600EL LED RECTANGULAR



Inlaid luminaires 229

FL625EL LED RECTANGULAR



Inlaid luminaires 230

FL600/625EL LED MEDICUS



Inlaid luminaires 233

FLSB600/625EL LED



Inlaid luminaires 237

SL713 LED



Pendant luminaire 190
Surface mounted luminaire 206

SL740 LED



Pendant luminaire 194
Surface mounted luminaire 210

DL105 LED



Downlight 241

DL125 LED



Downlight 243

DL185 LED



Downlight 244

DL220 LED



Downlight 245

DLSB100 LED



Downlight 249

DLSB150 LED



Downlight 250

DLSB185LED



Downlight 251

DLSB220LED



Downlight 252

DM130 LED



Downlight 257

DM190 LED



Downlight 258

DM225 LED



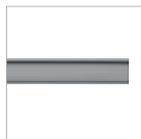
Downlight 259

KL375/KL376 LED



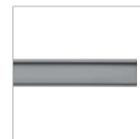
Wall luminaire 271

NEW YORK WALL LED



Wall luminaire 277

NEW YORK WALL



Wall luminaire 279

SL740 LED



Wall luminaire 274

WL SQUARE



Wall luminaire 263

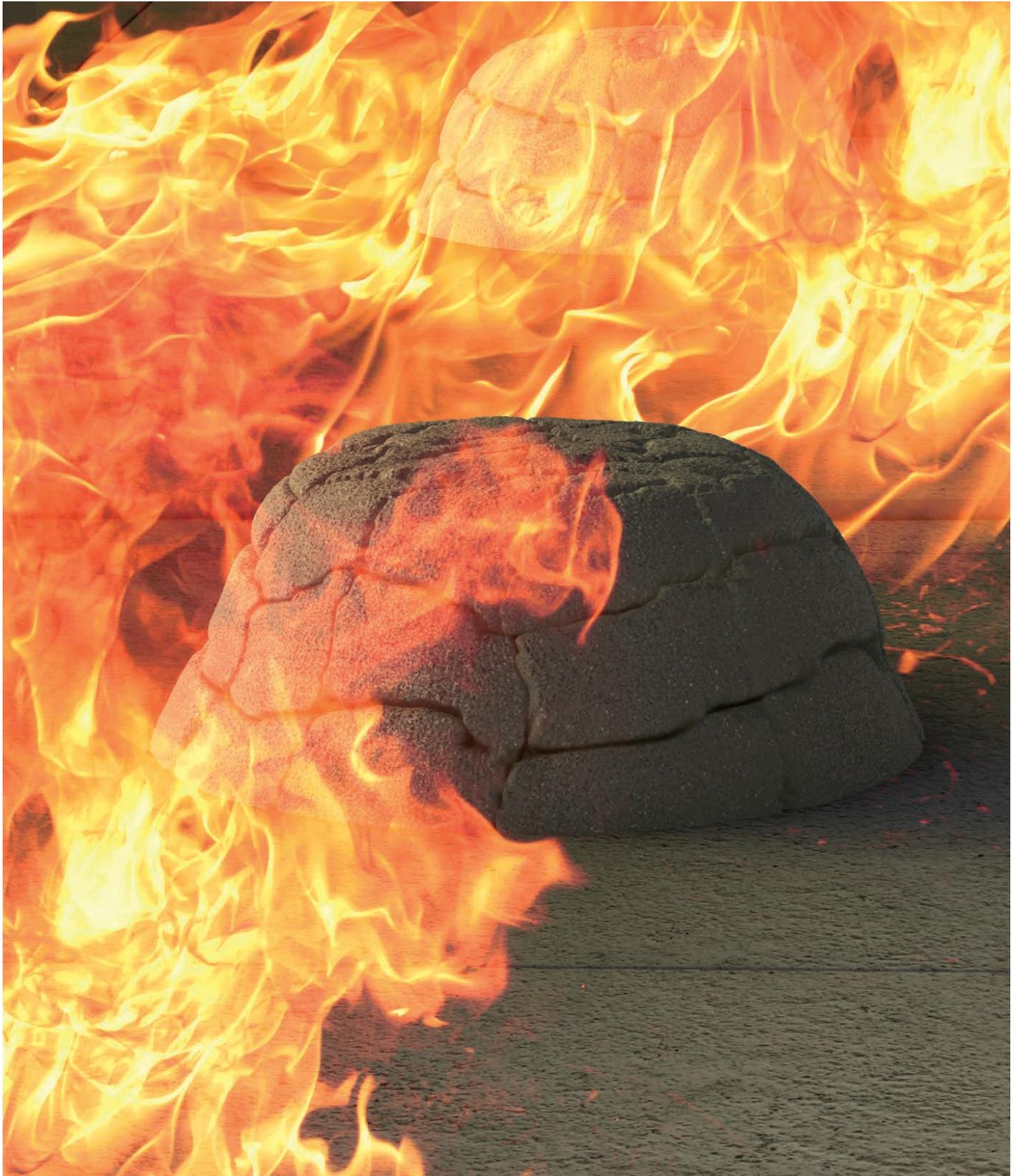
WL ROUND



Wall luminaire 266

LIGHTCAP[®]

FIRE PROTECTION HOOD

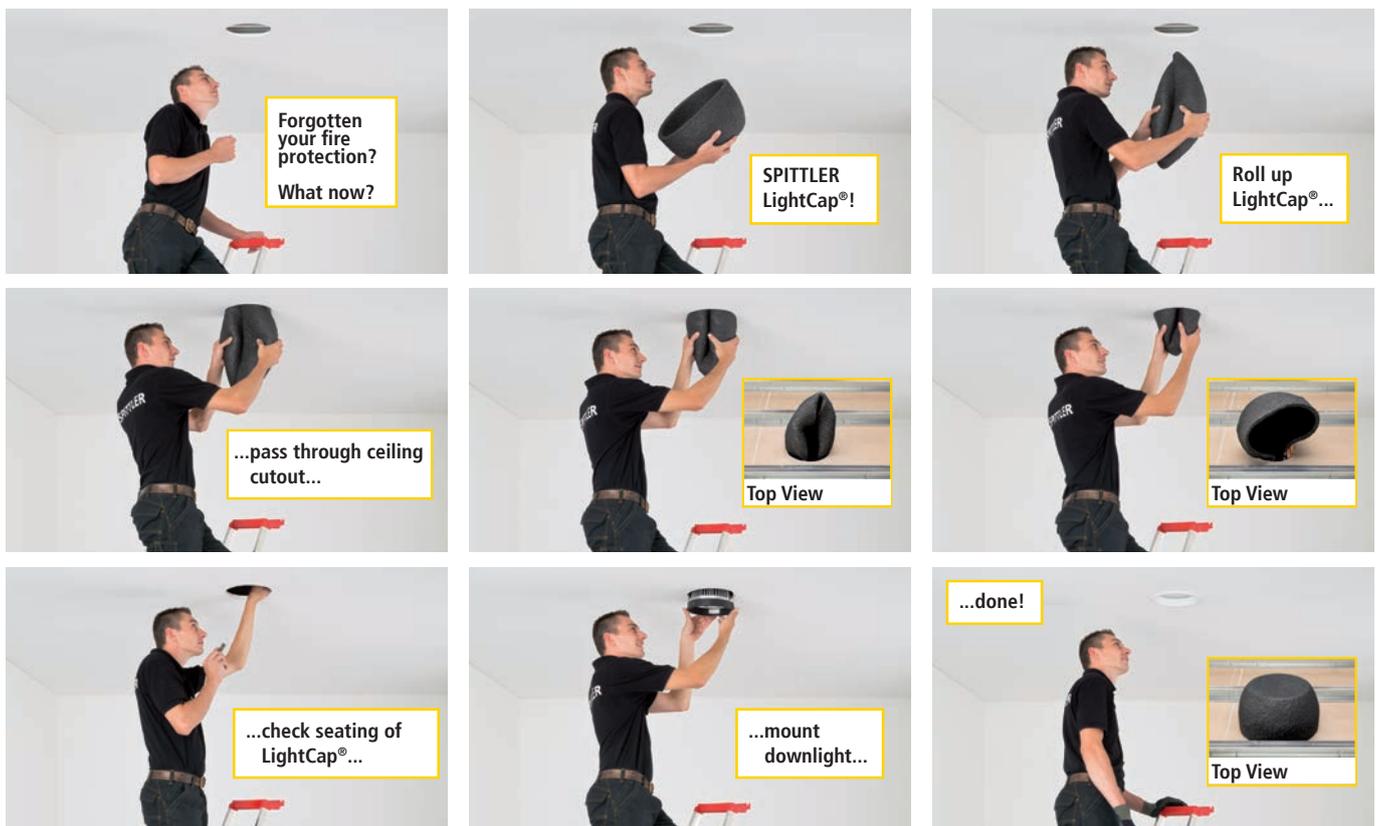


LIGHTCAP®

SAFE | CERTIFIED | INSTALLED IN SECONDS

Ceilings in public and commercial buildings are subject to strict fire protection regulations. But conventional fire protection solutions are expensive, require laborious ceiling work and both installation and maintenance are inconvenient and inflexible. **That's exactly what you can now change. You ask yourself how? With the unique LightCap® fire protection hood from PERFORMANCE IN LIGHTING.** This innovative fire protection solution can be retroactively mounted without tools or additional fixing and what is more guarantees compliance with fire resistance class S 30 according to DIN 4102-9 for your F 30 ceilings. LightCap® from PERFORMANCE IN LIGHTING will convince you with its safety, flexibility, low acquisition costs and considerable shortening of the time required for mounting and ceiling work. LightCap® is available in four different sizes for recessed luminaires with a maximum diameter of 420 mm and a maximum ceiling cutout of 300 mm.

LIGHTCAP® – MOUNTED IN SECONDS



FUNCTION IN CASE OF FIRE



FL333/555PL LED

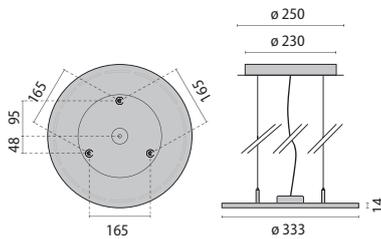
These state of the art pendant luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear round and rectangular forms in two sizes blend within a harmoniously integral whole to suit any environment, creating a modern room atmosphere. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona).



FL333PL LED OPAL COVER

Suspended round LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter



FL333PL LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED - 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2590 lm	2160 lm	L80 B10 50000 h	8333491253300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3060 lm	2550 lm	L80 B10 50000 h	8333491253400	3.10 kg
Power LED - dimmable DALI - 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2590 lm	2160 lm	L80 B10 50000 h	8333491256300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3060 lm	2550 lm	L80 B10 50000 h	8333491256400	3.10 kg



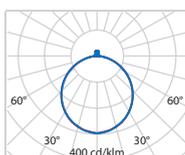
FL333PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED - 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2460 lm	2050 lm	L80 B10 50000 h	8333291253300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8333291253400	3.10 kg
Power LED - dimmable DALI - 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2460 lm	2050 lm	L80 B10 50000 h	8333291256300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8333291256400	3.10 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3537	1.43
1.0	884	2.85
1.5	393	4.28
2.0	221	5.70
2.5	141	7.13

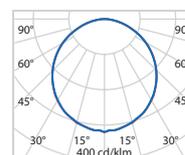
→ 2 x 55.0°



LED 27W, 4000K
 direct 96% / indirect 4%
 UGR 20,9 / 20,9
 Luminance 10760 cd/m² (γ ≥ 65°)
 Efficiency 94 lm/W

h [m]	E [lx]	∅ [m]
0.5	3563	1.42
1.0	891	2.84
1.5	396	4.26
2.0	223	5.68
2.5	143	7.10

→ 2 x 54.9°

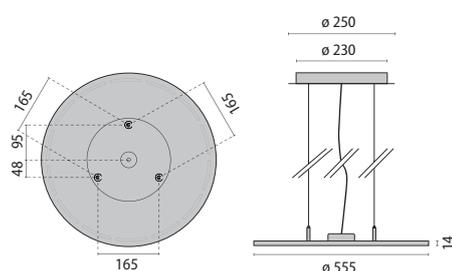


LED 27W, 4000K
 UGR 21,1 / 21,1
 Luminance 10790 cd/m² (γ ≥ 65°)
 Efficiency 91 lm/W

FL555PL LED OPAL COVER

Suspended round LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter



FL555PL LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	57 W	3000 K	○	80-89	I	S/B	5330 lm	4440 lm	L80 B10 50000 h	8555491533300	5.70 kg
LED	57 W	4000 K	○	80-89	I	S/B	5810 lm	4840 lm	L80 B10 50000 h	8555491533400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	57 W	3000 K	○	80-89	I	S/B	5330 lm	4440 lm	L80 B10 50000 h	8555491536300	5.70 kg
LED	57 W	4000 K	○	80-89	I	S/B	5810 lm	4840 lm	L80 B10 50000 h	8555491536400	5.70 kg



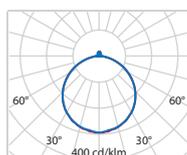
FL555PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	57 W	3000 K	○	80-89	I	S/A	5280 lm	4400 lm	L80 B10 50000 h	8555291533300	5.70 kg
LED	57 W	4000 K	○	80-89	I	S/A	5770 lm	4810 lm	L80 B10 50000 h	8555291533400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	57 W	3000 K	○	80-89	I	S/A	5280 lm	4400 lm	L80 B10 50000 h	8555291536300	5.70 kg
LED	57 W	4000 K	○	80-89	I	S/A	5770 lm	4810 lm	L80 B10 50000 h	8555291536400	5.70 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	6659	1.47
1.0	1665	2.94
1.5	740	4.41
2.0	416	5.87
2.5	266	7.34

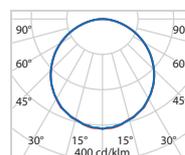
→ 2 x 55.8°



LED 57W, 4000K
 direct 97% / indirect 3%
 UGR 19,4 / 19,4
 Luminance 6740 cd/m² (γ ≥ 65°)
 Efficiency 85 lm/W

h [m]	E [lx]	∅ [m]
0.5	6772	1.48
1.0	1693	2.95
1.5	752	4.43
2.0	423	5.91
2.5	271	7.39

→ 2 x 55.9°



LED 57W, 4000K
 UGR 19,6 / 19,6
 Luminance 6980 cd/m² (γ ≥ 65°)
 Efficiency 84 lm/W



FL300/600/625PL LED

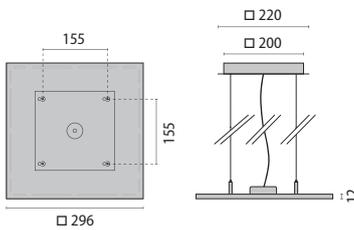
These state of the art pendant luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear round and rectangular forms in two sizes blend within a harmoniously integral whole to suit any environment, creating a modern room atmosphere. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona). To ensure a uniform look irrespective of the location, the entire product family is available in the standard national and international module sizes of 600/625.



FL300PL LED OPAL COVER

Inlaid LED luminaire for indoors, comprising:

- Housing made of extruded aluminium profile, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter



FL300PL LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2820 lm	2350 lm	L80 B10 50000 h	8300491233300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3070 lm	2560 lm	L80 B10 50000 h	8300491233400	3.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2820 lm	2350 lm	L80 B10 50000 h	8300491236300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3070 lm	2560 lm	L80 B10 50000 h	8300491236400	3.10 kg

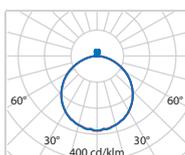


FL300PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2700 lm	2250 lm	L80 B10 50000 h	8300291233300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8300291233400	3.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2700 lm	2250 lm	L80 B10 50000 h	8300291236300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8300291236400	3.10 kg

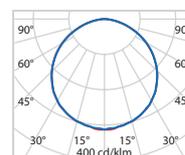
Photometrics

h [m]	E [lx]	∅ [m]
0.5	3426	1.49
1.0	856	2.98
1.5	381	4.47
2.0	214	5.96
2.5	137	7.45
→ 2 x 56.2°		



LED 27W, 4000K
 direct 95% / indirect 5%
 UGR 21,1 / 21,1
 Luminance 11430 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

h [m]	E [lx]	∅ [m]
0.5	3475	1.48
1.0	869	2.97
1.5	386	4.45
2.0	217	5.93
2.5	139	7.41
→ 2 x 56.0°		

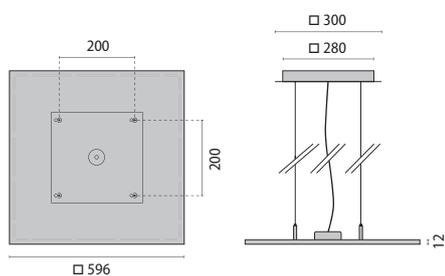


LED 27W, 4000K
 UGR 21,4 / 21,4
 Luminance 11560 cd/m² (γ ≥ 65°)
 Efficiency 91 lm/W

FL600PL LED OPAL COVER

Inlaid LED luminaire for indoors, comprising:

- Housing made of extruded aluminium profile, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter



FL600PL LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5720 lm	5080 lm	L80 B10 50000 h	8600491403300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/B	6310 lm	5240 lm	L80 B10 50000 h	8600491403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5720 lm	5080 lm	L80 B10 50000 h	8600491406300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/B	6310 lm	5240 lm	L80 B10 50000 h	8600491406400	5.70 kg



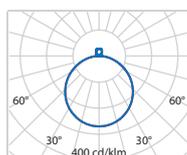
FL600PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5870 lm	4800 lm	L80 B10 50000 h	8600291403300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	6470 lm	4940 lm	L80 B10 50000 h	8600291403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5870 lm	4800 lm	L80 B10 50000 h	8600291406300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	6470 lm	4940 lm	L80 B10 50000 h	8600291406400	5.70 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	6603	1.54
1.0	1651	3.07
1.5	734	4.61
2.0	413	6.15
2.5	264	7.68

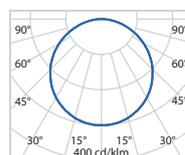
→ 2 x 57.0°



LED 45W, 4000K
 direct 93% / indirect 7%
 UGR 17,5 / 17,5
 Luminance 4360 cd/m² (γ ≥ 65°)
 Efficiency 116 lm/W

h [m]	E [lx]	∅ [m]
0.5	6725	1.54
1.0	1681	3.07
1.5	747	4.61
2.0	420	6.15
2.5	269	7.68

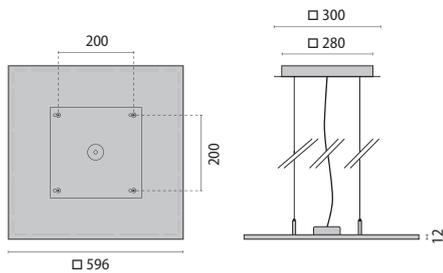
→ 2 x 57.0°



LED 45W, 4000K
 UGR 18,0 / 18,0
 Luminance 4430 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

FL600PL LED DIAMOND COVER

- Inlaid LED luminaire for indoors, comprising:
 - Housing made of extruded aluminium profile, powder-coated
 - Diamond prism cover for efficient light control, minimisation of glare and a high uniformity
 - Predominantly direct or direct light distribution
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
 - Also dimmable via TouchDIM*
 - Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1



FL600PL LED DIAMOND COVER CORONA

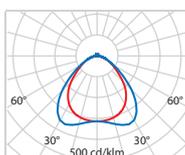
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8600461403300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8600461403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8600461406300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8600461406400	5.70 kg

FL600PL LED DIAMOND COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8600261403300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8600261403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8600261406300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8600261406400	5.70 kg

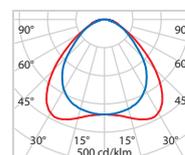
Photometrics

h [m]	E [lx]	∅ [m]
0.5	6581	1.13
1.0	1645	2.25
1.5	731	3.38
2.0	411	4.51
2.5	263	5.63
→ ± 2 x 48.4°		



LED 40W, 4000K
 direct 96% / indirect 4%
 UGR 17,0 / 15,9
 Luminance 2830 cd/m² (γ ≥ 65°)
 Efficiency 112 lm/W

h [m]	E [lx]	∅ [m]
0.5	6733	1.13
1.0	1683	2.26
1.5	748	3.39
2.0	421	4.51
2.5	269	5.64
→ ± 2 x 48.5°		

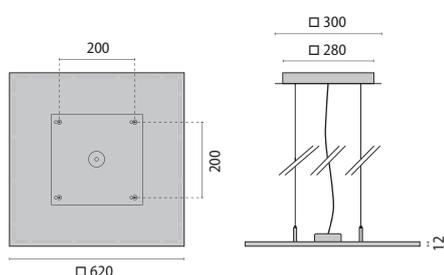


LED 40W, 4000K
 UGR 16,2 / 17,4
 Luminance 2810 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

FL625PL LED OPAL COVER

Inlaid LED luminaire for indoors, comprising:

- Housing made of extruded aluminium profile, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct or direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter



FL625PL LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5880 lm	5080 lm	L80 B10 50000 h	8625491403300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/B	6190 lm	5240 lm	L80 B10 50000 h	8625491403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5880 lm	5080 lm	L80 B10 50000 h	8625491406300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/B	6190 lm	5240 lm	L80 B10 50000 h	8625491406400	6.60 kg



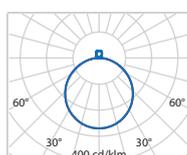
FL625PL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5630 lm	4800 lm	L80 B10 50000 h	8625291403300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/A	6080 lm	4940 lm	L80 B10 50000 h	8625291403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5630 lm	4800 lm	L80 B10 50000 h	8625291406300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/A	6080 lm	4940 lm	L80 B10 50000 h	8625291406400	6.60 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	6603	1.54
1.0	1651	3.07
1.5	734	4.61
2.0	413	6.15
2.5	264	7.68

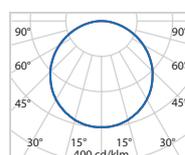
→ 2 x 57.0°



LED 45W, 4000K
 direct 93% / indirect 7%
 UGR 17,5 / 17,5
 Luminance 4360 cd/m² (γ ≥ 65°)
 Efficiency 116 lm/W

h [m]	E [lx]	∅ [m]
0.5	6725	1.54
1.0	1681	3.07
1.5	747	4.61
2.0	420	6.15
2.5	269	7.68

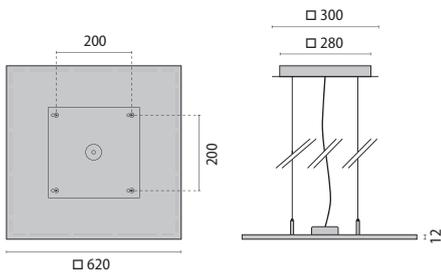
→ 2 x 57.0°



LED 45W, 4000K
 UGR 18,0 / 18,0
 Luminance 4430 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

FL625PL LED DIAMOND COVER

- Inlaid LED luminaire for indoors, comprising:
 - Housing made of extruded aluminium profile, powder-coated
 - Diamond prism cover for efficient light control, minimisation of glare and a high uniformity
 - Predominantly direct or direct light distribution
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
 - Also dimmable via TouchDIM*
 - Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1



FL625PL LED DIAMOND COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8625461403300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8625461403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8625461406300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8625461406400	6.60 kg

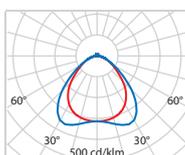


FL625PL LED DIAMOND COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8625261403300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8625261403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8625261406300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8625261406400	6.60 kg

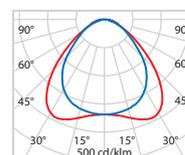
Photometrics

h [m]	E [lx]	∅ [m]
0.5	6581	1,13
1.0	1645	2,25
1.5	731	3,38
2.0	411	4,51
2.5	263	5,63
→ ± 2 x 48,4°		



LED 40W, 4000K
 direct 96% / indirect 4%
 UGR 16,8 / 15,7
 Luminance 2630 cd/m² (γ ≥ 65°)
 Efficiency 112 lm/W

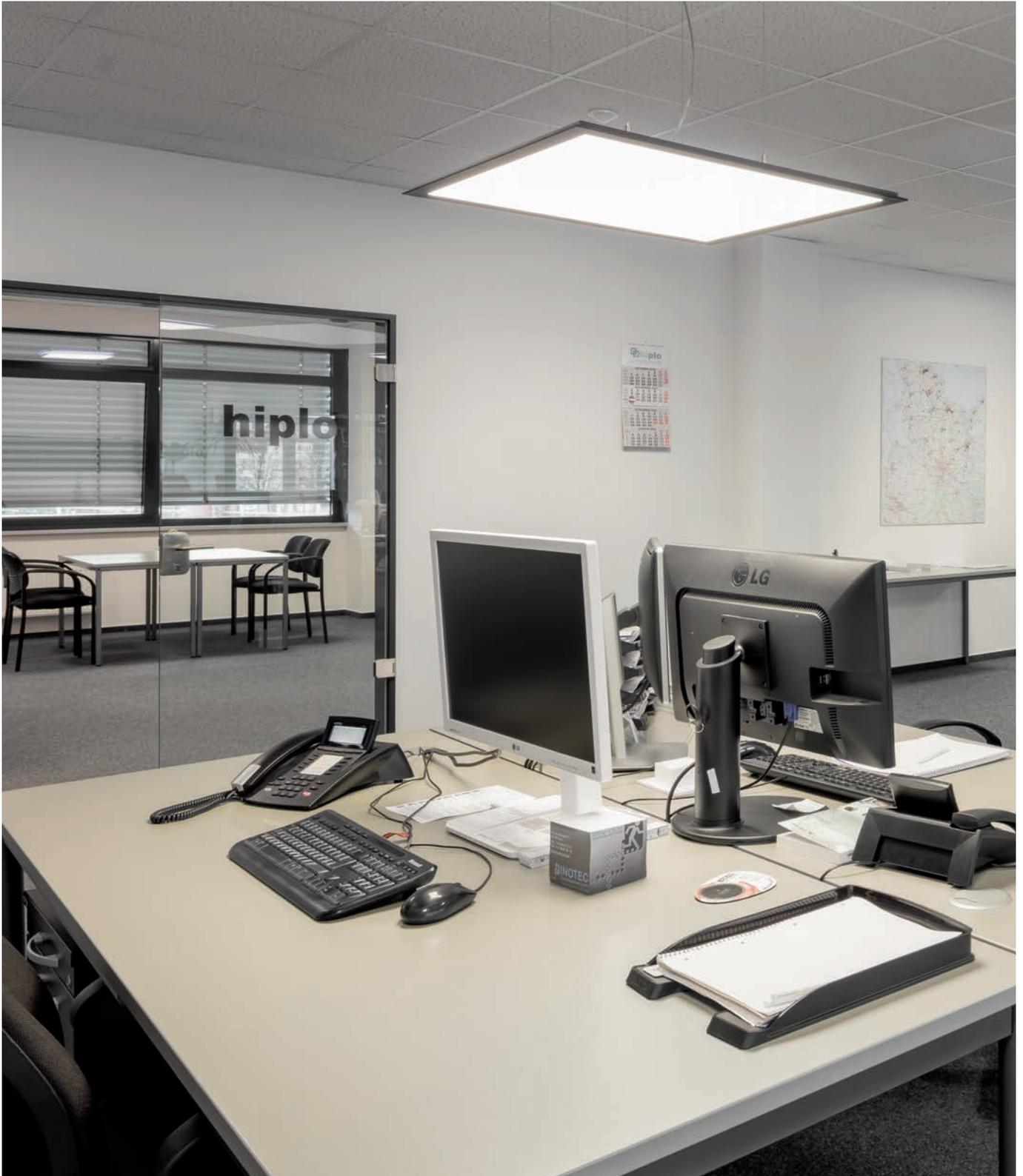
h [m]	E [lx]	∅ [m]
0.5	6733	1,13
1.0	1683	2,26
1.5	748	3,39
2.0	421	4,51
2.5	269	5,64
→ ± 2 x 48,5°		



LED 40W, 4000K
 UGR 15,9 / 17,1
 Luminance 2600 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

SL713PL FL LED

The SL713 cubic pendant luminaire is a modern and filigree workplace light offering flexible and individual positioning options. It is particularly innovative and efficient thanks to an ultra-flat design of just 13 mm. The excellent craftsmanship of its profile connections creates a perfect look. The cubic luminaire housing is made of a special 'Thin Skate' die cast aluminium profile, which is synonymous with outstanding quality of production. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



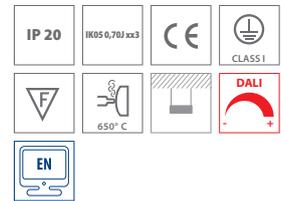
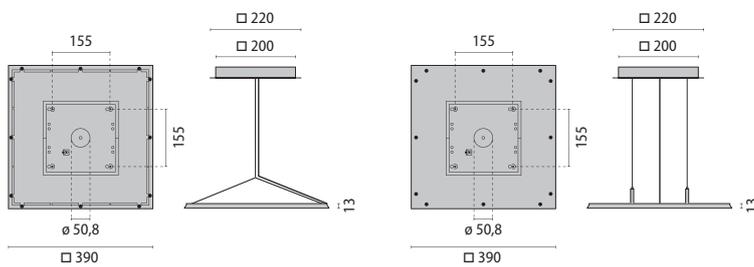
GR-RAL9006

WH-RAL9016

SL713PL FL LED MICROPRISMATIC 390

Inlaid LED luminaire for indoors, comprising:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect or direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and canopy
- Complete with electric converter
- VDU application suitable acc. to EN 12464-1
- 3000 K colour temperature version on demand
- Special colour versions available upon request



SL713PL FL LED MICROPRISMATIC 390 D/I

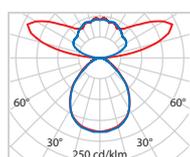
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	30 W	4000 K	○	80-89	I	S/C	✓	3450 lm	2780 lm	L80 B10 50000 h	8713461193410	4.00 kg
LED	30 W	4000 K	●	80-89	I	S/C	✓	3450 lm	2780 lm	L80 B10 50000 h	8713461193430	4.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	30 W	4000 K	○	80-89	I	S/C	✓	3450 lm	2780 lm	L80 B10 50000 h	8713461196410	4.00 kg
LED	30 W	4000 K	●	80-89	I	S/C	✓	3450 lm	2780 lm	L80 B10 50000 h	8713461196430	4.00 kg



SL713PL FL LED MICROPRISMATIC COVER 390

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	22 W	4000 K	○	80-89	I	S/A	✓	3650 lm	2080 lm	L80 B10 50000 h	8713261253410	6.00 kg
LED	22 W	4000 K	●	80-89	I	S/A	✓	3650 lm	2080 lm	L80 B10 50000 h	8713261253430	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	22 W	4000 K	○	80-89	I	S/A	✓	3650 lm	2080 lm	L80 B10 50000 h	8713261256410	6.00 kg
LED	22 W	4000 K	●	80-89	I	S/A	✓	3650 lm	2080 lm	L80 B10 50000 h	8713261256430	6.00 kg

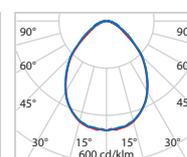
Photometrics



LED 30W, 4000K
 direct 42% / indirect 58%
 UGR 10,7 / 10,9
 Luminance 1750 cd/m² (γ ≥ 65°)
 Efficiency 93 lm/W

h [m]	E [lx]	∅ [m]
0,5	4368	0,91
1,0	1092	1,83
1,5	485	2,74
2,0	273	3,66
2,5	175	4,57

→ 2 x 42,5°

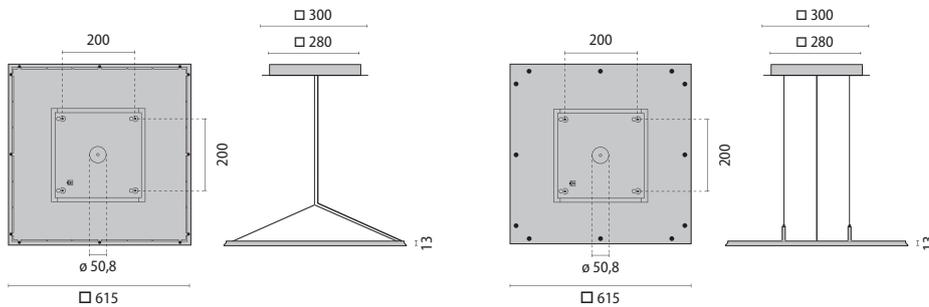


LED 22W, 4000K
 UGR 17,0 / 16,8
 Luminance 2990 cd/m² (γ ≥ 65°)
 Efficiency 94 lm/W

SL713PL FL LED MICROPRISMATIC 615

Inlaid LED luminaire for indoors, comprising:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Direct / indirect or direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and canopy
- Complete with electric converter
- VDU application suitable acc. to EN 12464-1
- 3000 K colour temperature version on demand
- Special colour versions available upon request



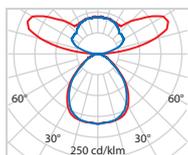
SL713PL FL LED MICROPRISMATIC 615 D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	46 W	4000 K	○	80-89	I	S/C	✓	6090 lm	5130 lm	L80 B10 50000 h	8713461433410	6.00 kg
LED	46 W	4000 K	●	80-89	I	S/C	✓	6090 lm	5130 lm	L80 B10 50000 h	8713461433430	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	46 W	4000 K	○	80-89	I	S/C	✓	6090 lm	5130 lm	L80 B10 50000 h	8713461436410	6.00 kg
LED	46 W	4000 K	●	80-89	I	S/C	✓	6090 lm	5130 lm	L80 B10 50000 h	8713461436430	6.00 kg

SL713PL FL LED MICROPRISMATIC COVER 615

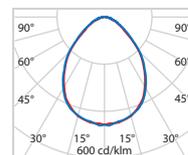
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	46 W	4000 K	○	80-89	I	S/A	✓	6090 lm	4660 lm	L80 B10 50000 h	8713261503410	6.00 kg
LED	46 W	4000 K	●	80-89	I	S/A	✓	6090 lm	4660 lm	L80 B10 50000 h	8713261503430	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	46 W	4000 K	○	80-89	I	S/A	✓	6090 lm	4660 lm	L80 B10 50000 h	8713261506410	6.00 kg
LED	46 W	4000 K	●	80-89	I	S/A	✓	6090 lm	4660 lm	L80 B10 50000 h	8713261506430	6.00 kg

Photometrics

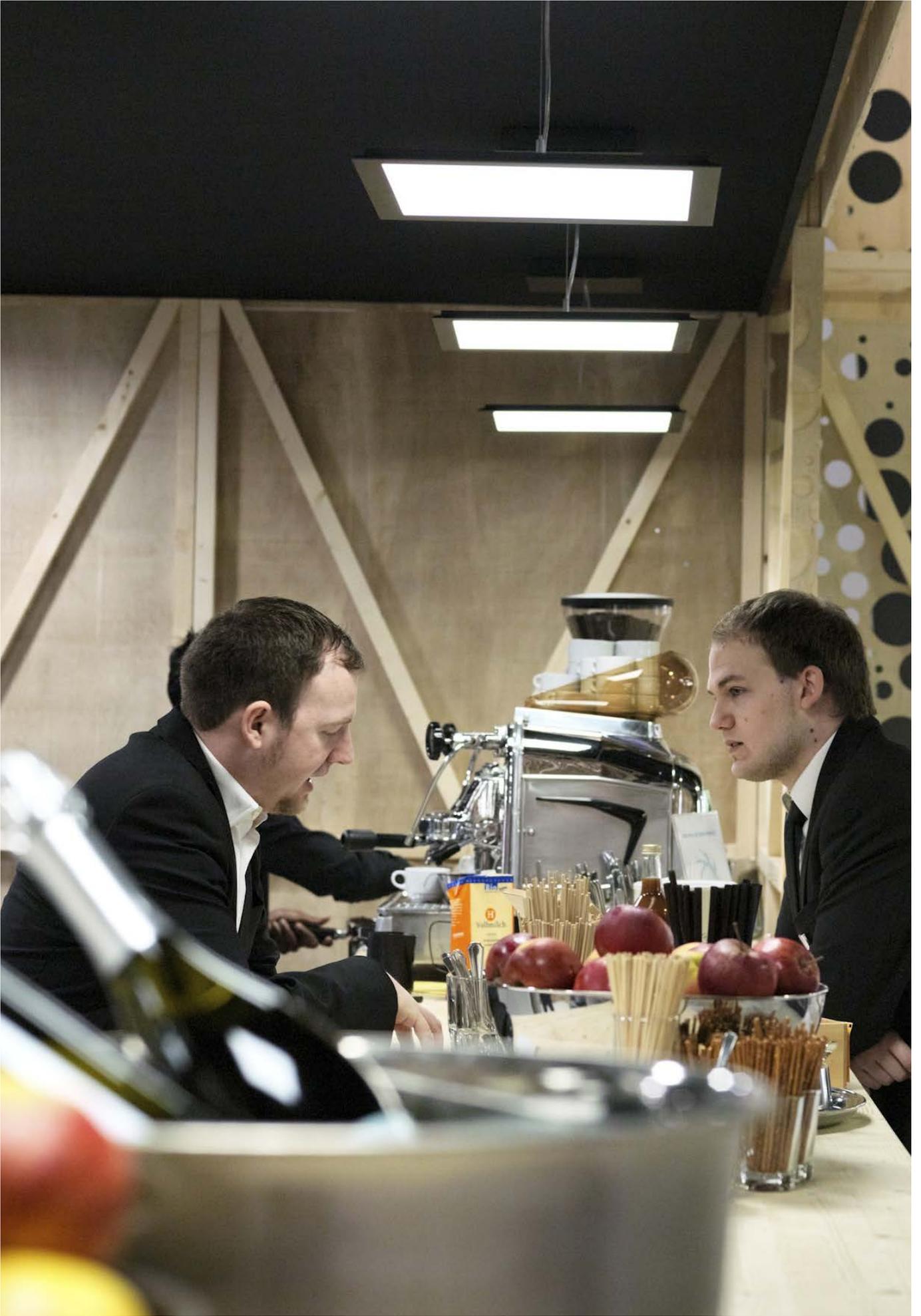


LED 46W, 4000K
direct 42% / indirect 58%
UGR 9,2 / 9,5
Luminance 1200 cd/m² (γ ≥ 65°)
Efficiency 111 lm/W

h [m]	E [lx]	∅ [m]
0,5	9641	0,92
1,0	2410	1,85
1,5	1071	2,77
2,0	603	3,70
2,5	386	4,62
⇒ 2 x 42,8°		



LED 46W, 4000K
UGR 16,1 / 15,9
Luminance 2560 cd/m² (γ ≥ 65°)
Efficiency 101 lm/W



SL740PL FL LED

The square SL 740 pendant luminaire is a timeless PERFORMANCE IN LIGHTING classic with flawless functionality for basic lighting in corridors, lobbies or reception areas. Its straightforward and rectangular design lets this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadow gap is a unique feature of the design. Its diffuse lighting effect creates a uniform level of basic illumination. Creating homogeneous light dispersion, the luminaire also accentuates the visual perception of horizontal and vertical ceiling sections.



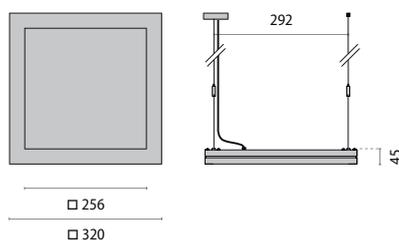
GR-RAL9006

WH-RAL9016

SL740PL FL LED OPAL COVER 320

Inlaid LED luminaire for indoors, comprising:

- Housing made of extruded aluminium profile, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter
- Special colour versions available upon request

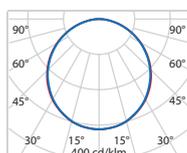


SL740PL FL LED OPAL COVER 320

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	28 W	3000 K	○	80-89	I	S/A	2500 lm	2080 lm	L80 B10 50000 h	8740291286310	3.00 kg
LED	28 W	4000 K	○	80-89	I	S/A	2800 lm	2330 lm	L80 B10 50000 h	8740291286410	3.00 kg
LED	28 W	3000 K	●	80-89	I	S/A	2500 lm	2080 lm	L80 B10 50000 h	8740291286330	3.00 kg
LED	28 W	4000 K	●	80-89	I	S/A	2800 lm	2330 lm	L80 B10 50000 h	8740291286430	3.00 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3284	1.46
1.0	821	2.91
1.5	365	4.37
2.0	205	5.82
2.5	131	7.28
→ ± 2 x 55.5°		



LED 28W, 4000K
 UGR 21,1 / 21,2
 Luminance 11030 cd/m² (γ ≥ 65°)
 Efficiency 83 lm/W

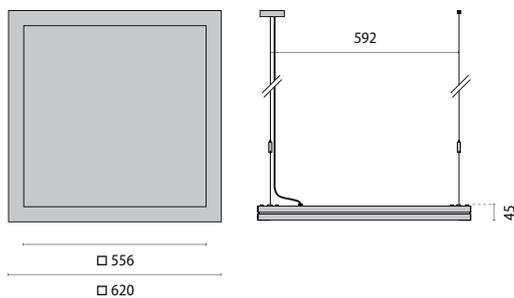
GR-RAL9006

WH-RAL9016

SL740PL FL LED OPAL COVER 620

Inlaid LED luminaire for indoors, comprising:

- Housing made of extruded aluminium profile, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with steel suspension cable (1.5 m), transparent power cord and ceiling rose
- Complete with electric converter
- Special colour versions available upon request

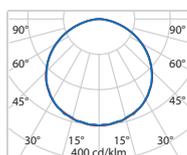


SL740PL FL LED OPAL COVER 620

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	51 W	3000 K	○	80-89	I	S/A	5560 lm	4690 lm	L80 B10 50000 h	8740291586310	7,00 kg
LED	51 W	4000 K	○	80-89	I	S/A	6100 lm	5070 lm	L80 B10 50000 h	8740291586410	7,00 kg
LED	51 W	3000 K	●	80-89	I	S/A	5560 lm	4690 lm	L80 B10 50000 h	8740291586330	7,00 kg
LED	51 W	4000 K	●	80-89	I	S/A	6100 lm	5070 lm	L80 B10 50000 h	8740291586430	7,00 kg

Photometrics

h [m]	E [lx]	∅ [m]
0,5	6909	1,58
1,0	1727	3,16
1,5	768	4,74
2,0	432	6,32
2,5	276	7,89



LED 51W, 4000K
UGR 18,2 / 18,2
Luminance 4620 cd/m² (γ ≥ 65°)
Efficiency 99 lm/W



FL333/555AB LED

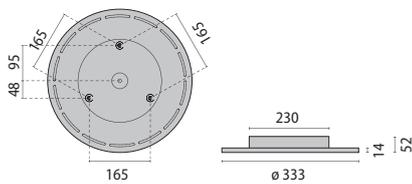
These state of the art surface mounted luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear round and rectangular forms in two sizes blend within a harmoniously integral whole in any ceiling structure, creating a modern room atmosphere. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona).



FL333AB LED OPAL COVER CORONA

Surface mounted round LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter

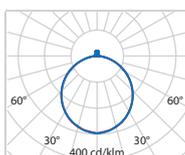


FL333AB LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2590 lm	2160 lm	L80 B10 50000 h	8333691253300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3060 lm	2550 lm	L80 B10 50000 h	8333691253400	3.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2590 lm	2160 lm	L80 B10 50000 h	8333691256300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3060 lm	2550 lm	L80 B10 50000 h	8333691256400	3.10 kg

Photometrics

h [m]	E [lx]	∅ [m]
0,5	3537	1,43
1,0	884	2,85
1,5	393	4,28
2,0	221	5,70
2,5	141	7,13
±2 x 55,0°		

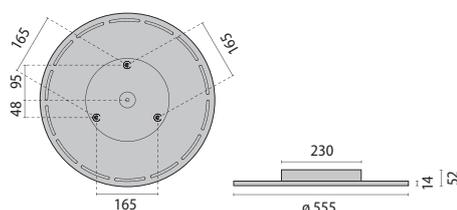


LED 27W, 4000K
 direct 96% / indirect 4%
 UGR 20,9 / 20,9
 Luminance 10760 cd/m² (γ ≥ 65°)
 Efficiency 94 lm/W

FL555AB LED OPAL COVER CORONA

Surface mounted round LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter

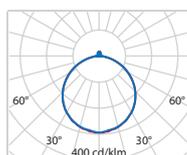


FL555AB LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	57 W	3000 K	○	80-89	I	S/B	5330 lm	4440 lm	L80 B10 50000 h	8555691533300	5,70 kg
LED	57 W	4000 K	○	80-89	I	S/B	5810 lm	4840 lm	L80 B10 50000 h	8555691533400	5,70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	57 W	3000 K	○	80-89	I	S/B	5330 lm	4440 lm	L80 B10 50000 h	8555691536300	5,70 kg
LED	57 W	4000 K	○	80-89	I	S/B	5810 lm	4840 lm	L80 B10 50000 h	8555691536400	5,70 kg

Photometrics

h [m]	E [lx]	∅ [m]
0,5	6659	1,47
1,0	1665	2,94
1,5	740	4,41
2,0	416	5,87
2,5	266	7,34
→ ± 2 x 55,8°		



LED 57W, 4000K
 direct 97% / indirect 3%
 UGR 19,4 / 19,4
 Luminance 6740 cd/m² (γ ≥ 65°)
 Efficiency 85 lm/W



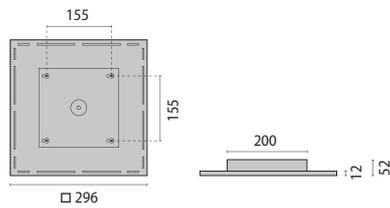
FL300/600/625AB LED

These state of the art surface mounted luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear round and rectangular forms in two sizes blend within a harmoniously integral whole in any ceiling structure, creating a modern room atmosphere. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona). To ensure a uniform look irrespective of the location, the entire product family is available in the standard national and international module sizes of 600/625.



FL300AB LED OPAL COVER CORONA

- Surface-mounted quadratic LED luminaire for indoors, comprising of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Predominantly direct light distribution
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter

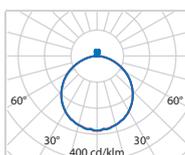


FL300AB LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2820 lm	2350 lm	L80 B10 50000 h	8300691233300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3070 lm	2560 lm	L80 B10 50000 h	8300691233400	3.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/B	2820 lm	2350 lm	L80 B10 50000 h	8300691236300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/B	3070 lm	2560 lm	L80 B10 50000 h	8300691236400	3.10 kg

Photometrics

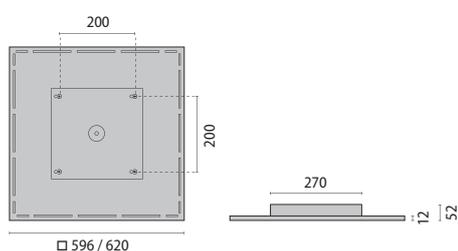
h [m]	E [lx]	∅ [m]
0,5	3426	1,49
1,0	856	2,98
1,5	381	4,47
2,0	214	5,96
2,5	137	7,45
→ 2 x 56,2"		



LED 27W, 4000K
 direct 95% / indirect 5%
 UGR 21,1 / 21,1
 Luminance 11430 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

FL600/625AB LED OPAL COVER CORONA

- Surface-mounted quadratic LED luminaire for indoors, comprising of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Predominantly direct light distribution
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter



FL600AB LED OPAL COVER CORONA

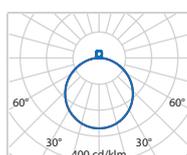
SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5720 lm	5080 lm	L80 B10 50000 h	8600691403300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/B	6310 lm	5240 lm	L80 B10 50000 h	8600691403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5720 lm	5080 lm	L80 B10 50000 h	8600691406300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/B	6310 lm	5240 lm	L80 B10 50000 h	8600691406400	5.70 kg

FL625AB LED OPAL COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5880 lm	5080 lm	L80 B10 50000 h	8625691403300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/B	6190 lm	5240 lm	L80 B10 50000 h	8625691403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/B	5880 lm	5080 lm	L80 B10 50000 h	8625691406300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/B	6190 lm	5240 lm	L80 B10 50000 h	8625691406400	6.60 kg

Photometrics

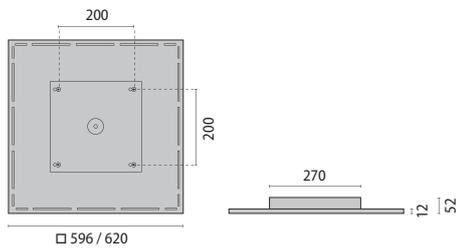
h [m]	E [lx]	∅ [m]
0.5	6603	1,54
1.0	1651	3,07
1.5	734	4,61
2.0	413	6,15
2.5	264	7,68
→ ± 2 x 57,0°		



LED 45W, 4000K
 direct 93% / indirect 7%
 UGR 17,5 / 17,5
 Luminance 4360 cd/m² (γ ≥ 65°)
 Efficiency 116 lm/W

FL600/625AB LED DIAMOND COVER CORONA

- Surface-mounted quadratic LED luminaire for indoors, comprising of:
- Housing made of extruded aluminium profile, powder-coated
 - Diamond prism cover for efficient light control, minimisation of glare and a high uniformity
 - Predominantly direct light distribution
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1



FL600AB LED DIAMOND COVER CORONA

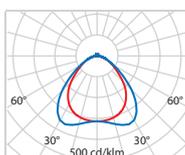
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8600661403300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8600661403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8600661406300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8600661406400	5.70 kg

FL625AB LED DIAMOND COVER CORONA

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8625661403300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8625661403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/B	✓	5150 lm	4350 lm	L80 B10 50000 h	8625661406300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/B	✓	5300 lm	4490 lm	L80 B10 50000 h	8625661406400	6.60 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	6581	1,13
1.0	1645	2,25
1.5	731	3,38
2.0	411	4,51
2.5	263	5,63
→ ± 2 x 48.4°		



LED 40W, 4000K
 direct 96% / indirect 4%
 UGR 17,0 / 15,9
 Luminance 2830 cd/m² (γ ≥ 65°)
 Efficiency 112 lm/W

SL713AB FL LED

The SL713 surface mounted cubic luminaire is a modern and filigree workplace light offering flexible and individual positioning options. It is particularly innovative and efficient thanks to an ultra-flat design of just 13 mm. The excellent craftsmanship of its profile connections creates a perfect look. The luminaire housing is made of a special 'Thin Skate' die cast aluminium profile, which is synonymous with outstanding quality of production. The scratch-proof surface finishing with its powder coating adds the final touch to the design. The high quality of illumination supports demanding visual tasks, while an anti-glare microprism cover creates an appealing room atmosphere.



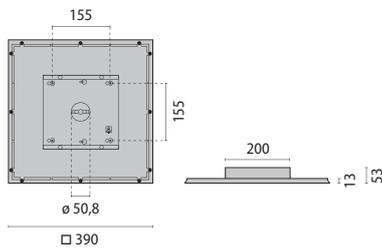
GR-RAL9006

WH-RAL9016

SL713AB FL LED MICROPRISMATIC COVER 390

Surface-mounted quadratic LED luminaire for indoors, comprising of:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Predominantly direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- VDU application suitable acc. to EN 12464-1
- 3000 K colour temperature version on demand
- Special colour versions available upon request

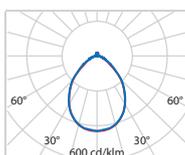


SL713AB FL LED MICROPRISMATIC COVER 390

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	21 W	4000 K	○	80-89	I	S/C	✓	3650 lm	2160 lm	L80 B10 50000 h	8713661253410	5.90 kg
LED	21 W	4000 K	●	80-89	I	S/C	✓	3650 lm	2160 lm	L80 B10 50000 h	8713661253430	5.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	21 W	4000 K	○	80-89	I	S/C	✓	3650 lm	2160 lm	L80 B10 50000 h	8713661256410	5.90 kg
LED	21 W	4000 K	●	80-89	I	S/C	✓	3650 lm	2160 lm	L80 B10 50000 h	8713661256430	5.90 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	4368	0.92
1.0	1092	1.83
1.5	485	2.75
2.0	273	3.67
2.5	175	4.58
→ ± 2 x 42.5°		



LED 21W, 4000K
 direct 96% / indirect 4%
 UGR 16,7 / 16,5
 Luminance 2970 cd/m² (γ ≥ 65°)
 Efficiency 103 lm/W

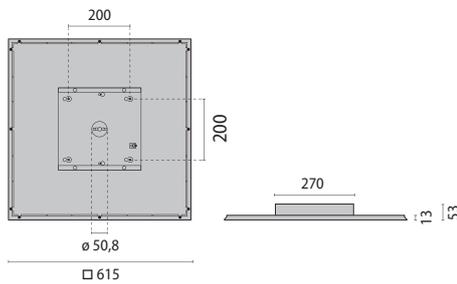
GR-RAL9006

WH-RAL9016

SL713AB FL LED MICROPRISMATIC COVER 615

Surface-mounted quadratic LED luminaire for indoors, comprising of:

- Aluminium profile lightframe, steel sheet canopy, painted
- Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- Predominantly direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- VDU application suitable acc. to EN 12464-1
- 3000 K colour temperature version on demand
- Special colour versions available upon request

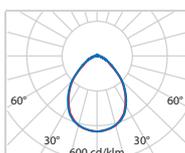


SL713AB FL LED MICROPRISMATIC COVER 615

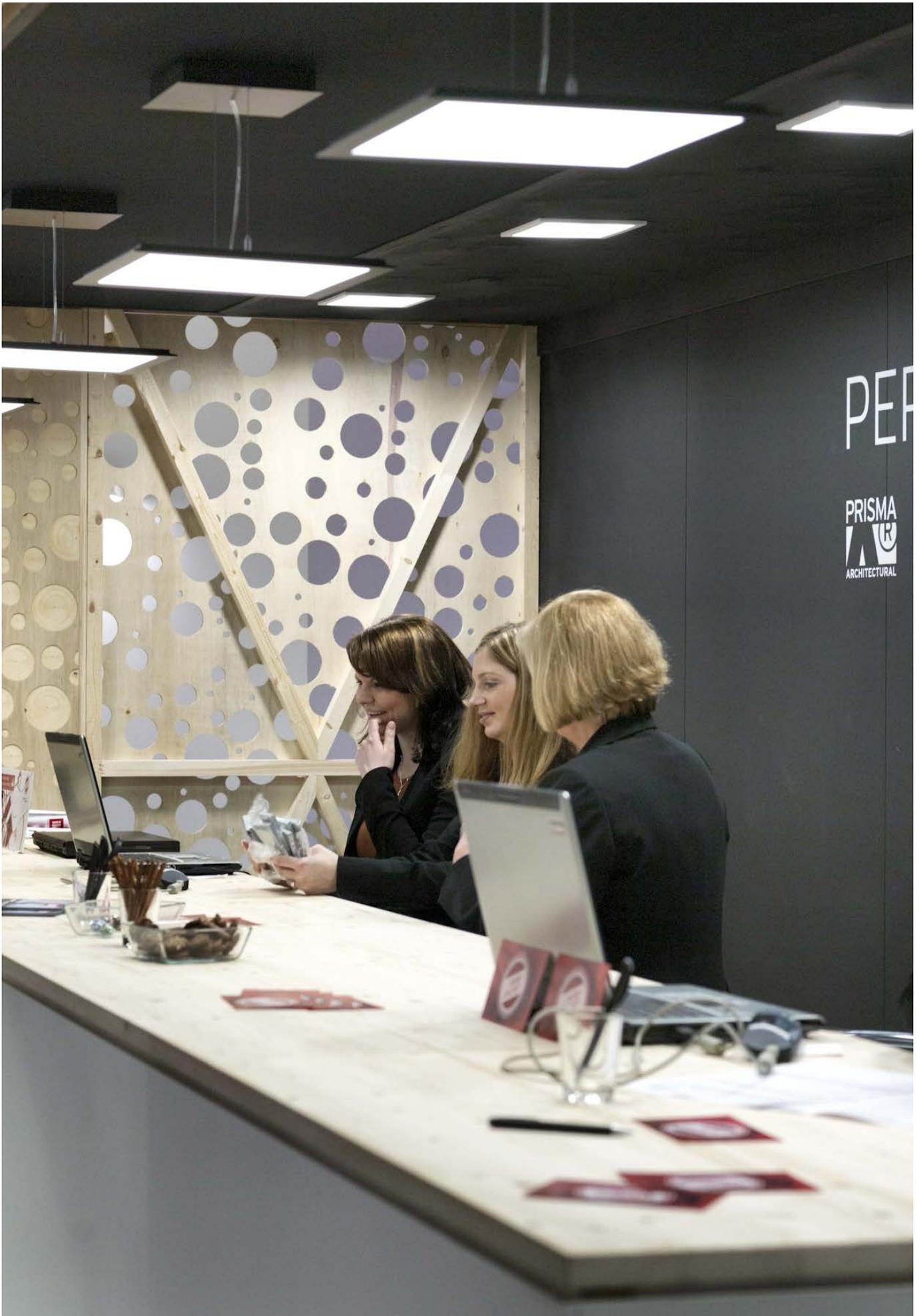
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	46 W	4000 K	○	80-89	I	S/C	✓	6090 lm	4740 lm	L80 B10 50000 h	8713661503410	5.90 kg
LED	46 W	4000 K	●	80-89	I	S/C	✓	6090 lm	4740 lm	L80 B10 50000 h	8713661503430	5.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	46 W	4000 K	○	80-89	I	S/C	✓	6090 lm	4740 lm	L80 B10 50000 h	8713661506410	5.90 kg
LED	46 W	4000 K	●	80-89	I	S/C	✓	6090 lm	4740 lm	L80 B10 50000 h	8713661506430	5.90 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	9640	0.93
1.0	2410	1.85
1.5	1071	2.78
2.0	603	3.70
2.5	386	4.63
→ ± 2 x 42.8°		



LED 46W, 4000K
 direct 98% / indirect 2%
 UGR 16,0 / 15,8
 Luminance 2530 cd/m² (γ ≥ 65°)
 Efficiency 103 lm/W



SL740AB FL LED

The square SL 740 surface mounted luminaire is a timeless PERFORMANCE IN LIGHTING classic with flawless functionality for basic lighting in corridors, lobbies or reception areas. Its straightforward design and rectangular language of forms let this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadow gap is a unique feature of the design. Its diffuse lighting effect creates a uniform level of basic illumination. Creating homogeneous light dispersion, the luminaire also accentuates the visual perception of horizontal and vertical ceiling sections.

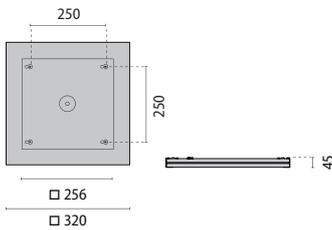


GR-RAL9006

WH-RAL9016

SL740AB FL LED OPAL COVER 320

- Surface-mounted quadratic LED luminaire for indoors, comprising of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Direct light distribution
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter
 - Special colour versions available upon request

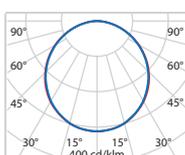


SL740AB FL LED OPAL COVER 320

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	28 W	3000 K	○	80-89	I	S/A	2500 lm	2080 lm	L80 B10 50000 h	8740691286310	2.50 kg
LED	28 W	4000 K	○	80-89	I	S/A	2800 lm	2330 lm	L80 B10 50000 h	8740691286410	2.50 kg
LED	28 W	3000 K	●	80-89	I	S/A	2500 lm	2080 lm	L80 B10 50000 h	8740691286330	2.50 kg
LED	28 W	4000 K	●	80-89	I	S/A	2800 lm	2330 lm	L80 B10 50000 h	8740691286430	2.50 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3284	1.46
1.0	821	2.91
1.5	365	4.37
2.0	205	5.82
2.5	131	7.28



LED 28W, 4000K
 UGR 21,1 / 21,2
 Luminance 11030 cd/m² (γ ≥ 65°)
 Efficiency 83 lm/W

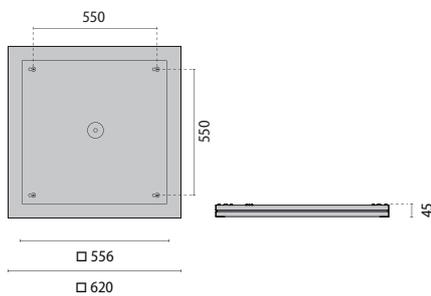
GR-RAL9006

WH-RAL9016

SL740AB FL LED OPAL COVER 620

Surface-mounted quadratic LED luminaire for indoors, comprising of:

- Housing made of extruded aluminium profile, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- Special colour versions available upon request

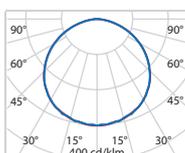


SL740AB FL LED OPAL COVER 620

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	51 W	3000 K	○	80-89	I	S/A	5560 lm	4690 lm	L80 B10 50000 h	8740691586310	6.50 kg
LED	51 W	4000 K	○	80-89	I	S/A	6100 lm	5070 lm	L80 B10 50000 h	8740691586410	6.50 kg
LED	51 W	3000 K	●	80-89	I	S/A	5560 lm	4690 lm	L80 B10 50000 h	8740691586330	6.50 kg
LED	51 W	4000 K	●	80-89	I	S/A	6100 lm	5070 lm	L80 B10 50000 h	8740691586430	6.50 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	6909	1.58
1.0	1727	3.16
1.5	768	4.74
2.0	432	6.32
2.5	276	7.89
→ ± 2 x 57,7°		



LED 51W, 4000K
 UGR 18,2 / 18,2
 Luminance 4620 cd/m² (γ ≥ 65°)
 Efficiency 99 lm/W



FL333/555EB LED

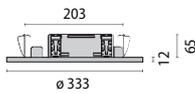
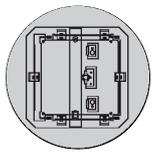
These state of the art recessed and fitted luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear round and rectangular forms in two sizes blend within a harmoniously integral whole in any ceiling structure, creating a modern room atmosphere.



FL333EB LED OPAL COVER

Recessed round LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter

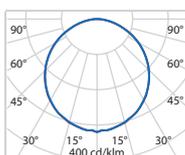


FL333EB LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2460 lm	2050 lm	L80 B10 50000 h	8333591253300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8333591253400	3.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2460 lm	2050 lm	L80 B10 50000 h	8333591256300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8333591256400	3.10 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3563	1.42
1.0	891	2.84
1.5	396	4.26
2.0	223	5.68
2.5	143	7.10
→ 2 x 54.9°		

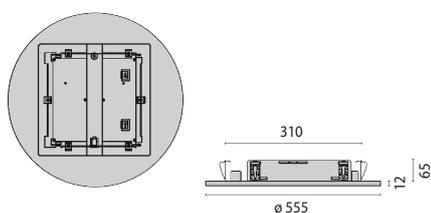


LED 27W, 4000K
 UGR 21,1 / 21,1
 Luminance 10790 cd/m² (γ ≥ 65°)
 Efficiency 91 lm/W

FL555EB LED OPAL COVER

Recessed round LED luminaire for indoors, consisting of:

- Die-cast aluminium housing, powder-coated
- LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter

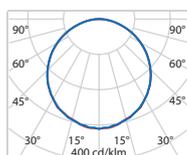


FL555EB LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	57 W	3000 K	○	80-89	I	S/A	5280 lm	4400 lm	L80 B10 50000 h	8555591533300	5,70 kg
LED	57 W	4000 K	○	80-89	I	S/A	5770 lm	4810 lm	L80 B10 50000 h	8555591533400	5,70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	57 W	3000 K	○	80-89	I	S/A	5280 lm	4400 lm	L80 B10 50000 h	8555591536300	5,70 kg
LED	57 W	4000 K	○	80-89	I	S/A	5770 lm	4810 lm	L80 B10 50000 h	8555591536400	5,70 kg

Photometrics

h [m]	E [lx]	∅ [m]
0,5	6772	1,48
1,0	1693	2,95
1,5	752	4,43
2,0	423	5,91
2,5	271	7,39
→ ± 2 x 55,9°		



LED 57W, 4000K
 UGR 19,6 / 19,6
 Luminance 6980 cd/m² (γ ≥ 65°)
 Efficiency 84 lm/W



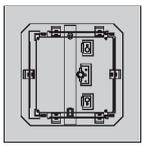
FL300/600/625EB LED

These state of the art recessed and fitted luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear round and rectangular forms in two sizes blend within a harmoniously integral whole in any ceiling structure, creating a modern room atmosphere. To ensure a uniform look irrespective of the location, the entire product family is available in the standard national and international module sizes of 600/625.

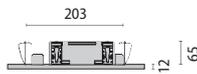


FL300EB LED OPAL COVER

- Recessed quadratic LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter



□ 296

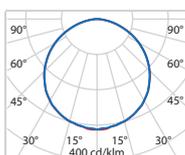


FL300EB LED OPAL COVER

SOURCE	POWER	COLOUR/		CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
		KELVIN	RAL								
Power LED 220/240 V 50/60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2700 lm	2250 lm	L80 B10 50000 h	8300591233300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8300591233400	3.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	27 W	3000 K	○	80-89	I	S/A	2700 lm	2250 lm	L80 B10 50000 h	8300591236300	3.10 kg
LED	27 W	4000 K	○	80-89	I	S/A	2950 lm	2460 lm	L80 B10 50000 h	8300591236400	3.10 kg

Photometrics

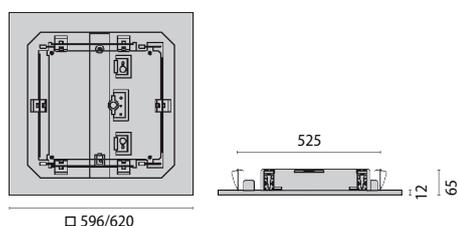
h [m]	E [lx]	∅ [m]
0.5	3475	1.48
1.0	869	2.97
1.5	386	4.45
2.0	217	5.93
2.5	139	7.41
→ ± 2 x 56.0°		



LED 27W, 4000K
 UGR 21,4 / 21,4
 Luminance 11560 cd/m² (γ ≥ 65°)
 Efficiency 91 lm/W

FL600/625EB LED OPAL COVER

- Recessed quadratic LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter



FL600EB LED OPAL COVER

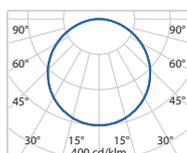
SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5870 lm	4800 lm	L80 B10 50000 h	8600591403300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	6470 lm	4940 lm	L80 B10 50000 h	8600591403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5870 lm	4800 lm	L80 B10 50000 h	8600591406300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	6470 lm	4940 lm	L80 B10 50000 h	8600591406400	5.70 kg

FL625EB LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5630 lm	4800 lm	L80 B10 50000 h	8625591403300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/A	6080 lm	4940 lm	L80 B10 50000 h	8625591403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5630 lm	4800 lm	L80 B10 50000 h	8625591406300	6.60 kg
LED	45 W	4000 K	○	80-89	I	S/A	6080 lm	4940 lm	L80 B10 50000 h	8625591406400	6.60 kg

Photometrics

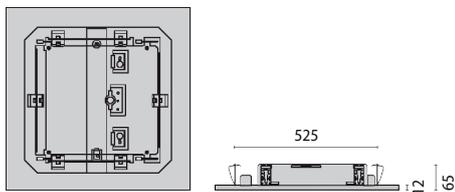
h [m]	E [lx]	∅ [m]
0.5	6725	1.54
1.0	1681	3.07
1.5	747	4.61
2.0	420	6.15
2.5	269	7.68
→ ± 2 x 57.0°		



LED 45W, 4000K
 UGR 18,0 / 18,0
 Luminance 4430 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

FL600/625EB LED DIAMOND COVER

- Recessed quadratic LED luminaire for indoors, consisting of:
 - Housing made of extruded aluminium profile, powder-coated
 - Diamond prism cover for efficient light control, minimisation of glare and a high uniformity
 - LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1



□ 596/620



FL600EB LED DIAMOND COVER

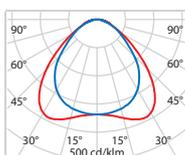
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8600561403300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8600561403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8600561406300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8600561406400	5.70 kg

FL625EB LED DIAMOND COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8625561403300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8625561403400	6.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8625561406300	6.60 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8625561406400	6.60 kg

Photometrics

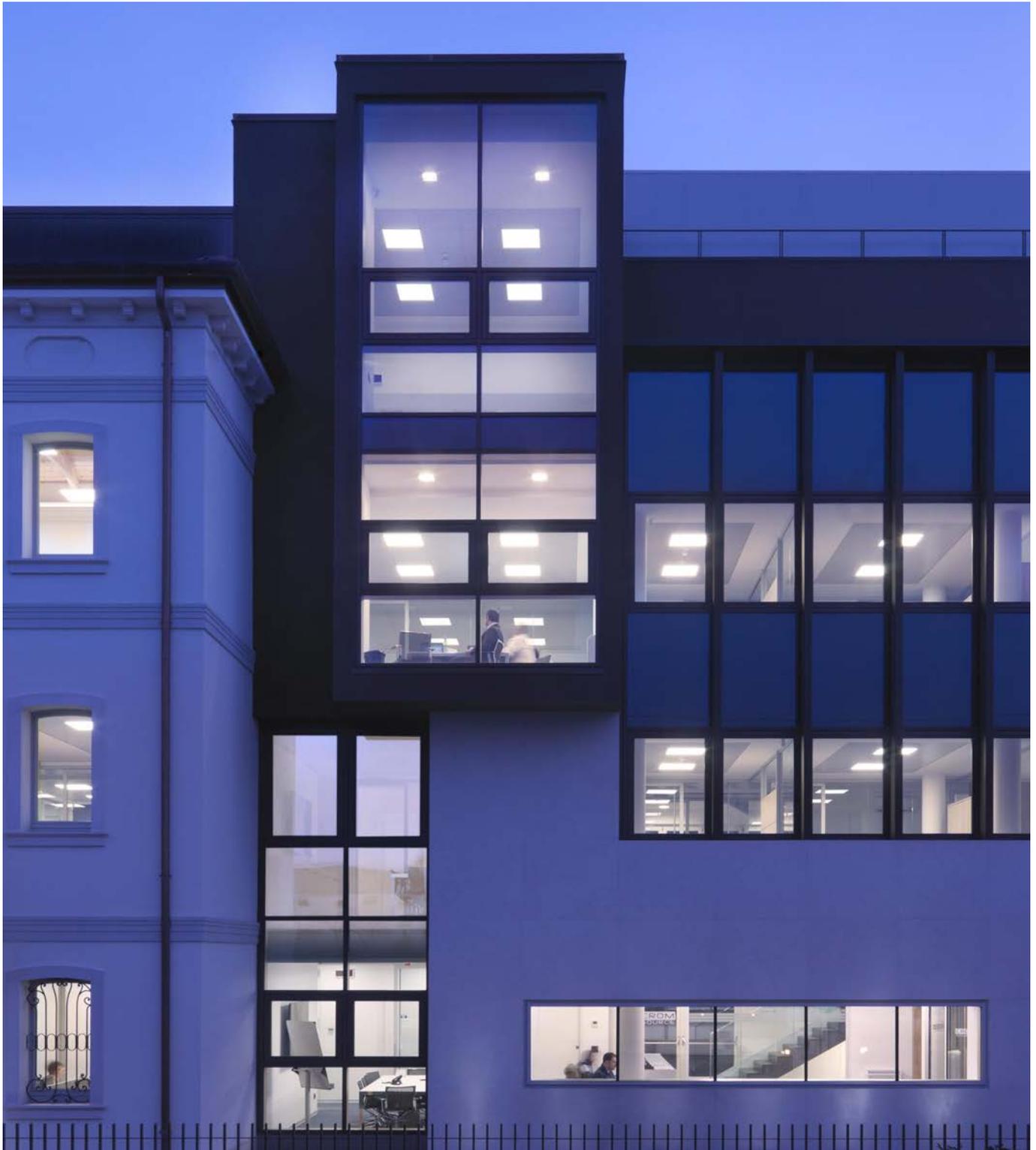
h [m]	E [lx]	∅ [m]
0.5	6733	1,13
1.0	1683	2,26
1.5	748	3,39
2.0	421	4,51
2.5	269	5,64
→ ± 2 x 48.5°		



LED 40W, 4000K
 UGR 16,2 / 17,4
 Luminance 2810 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

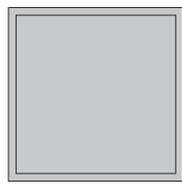
FL600/625EL LED

These state of the art fitted luminaires create an unrivalled symbiosis between general and workplace lighting. The consistently filigree design lends a particularly trendsetting and innovative look. Clear rectangular forms in two sizes blend within a harmoniously integral whole in any ceiling structure, creating a modern room atmosphere. To ensure a uniform look irrespective of the location, the entire product family is available in the standard national and international module sizes of 600/625.

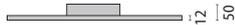


FL600/625EL LED OPAL COVER

- Quadratic slot LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Suitable for lattice and coffered ceilings
 - Complete with electric converter
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - For indoor use only



□ 596 / 620



12 | 50



FL600EL LED OPAL COVER

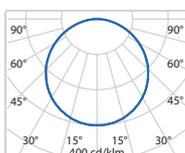
SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5870 lm	4800 lm	L80 B10 50000 h	8600891403300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	6470 lm	4940 lm	L80 B10 50000 h	8600891403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5870 lm	4800 lm	L80 B10 50000 h	8600891406300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	6470 lm	4940 lm	L80 B10 50000 h	8600891406400	5.70 kg

FL625EL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
			RAL	CRI/RA							
Power LED 220/240 V 50/60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5630 lm	4800 lm	L80 B10 50000 h	8625891403300	6.00 kg
LED	45 W	4000 K	○	80-89	I	S/A	6080 lm	4940 lm	L80 B10 50000 h	8625891403400	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	45 W	3000 K	○	80-89	I	S/A	5630 lm	4800 lm	L80 B10 50000 h	8625891406300	6.00 kg
LED	45 W	4000 K	○	80-89	I	S/A	6080 lm	4940 lm	L80 B10 50000 h	8625891406400	6.00 kg

Photometrics

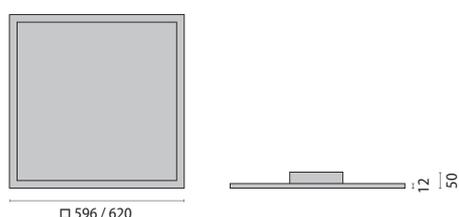
h [m]	E [lx]	∅ [m]
0.5	6725	1.54
1.0	1681	3.07
1.5	747	4.61
2.0	420	6.15
2.5	269	7.68
→ ± 2 x 57.0°		



LED 45W, 4000K
 UGR 18,0 / 18,0
 Luminance 4430 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W

FL600/625EL LED DIAMOND COVER

- Quadratic slot LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - Diamond prism cover for efficient light control, minimisation of glare and a high uniformity
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
 - Suitable for lattice and coffered ceilings
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - For indoor use only



FL600EL LED DIAMOND COVER

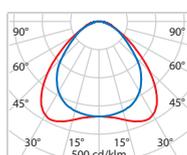
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8600861403300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8600861403400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8600861406300	5.70 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8600861406400	5.70 kg

FL625EL LED DIAMOND COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8625861403300	6.00 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8625861403400	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	40 W	3000 K	○	80-89	I	S/A	✓	5150 lm	4290 lm	L80 B10 50000 h	8625861406300	6.00 kg
LED	40 W	4000 K	○	80-89	I	S/A	✓	5300 lm	4420 lm	L80 B10 50000 h	8625861406400	6.00 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	6733	1,13
1.0	1683	2,26
1.5	748	3,39
2.0	421	4,51
2.5	269	5,64
→ ± 2 x 48.5°		



LED 40W, 4000K
 UGR 16,2 / 17,4
 Luminance 2810 cd/m² (γ ≥ 65°)
 Efficiency 110 lm/W



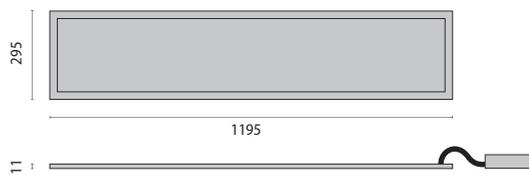
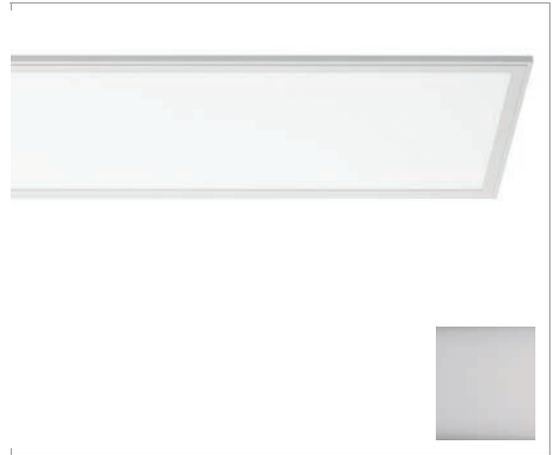
FL300/315/600/625EL LED RECTANGULAR

These advanced inlaid luminaires in the FL LED RECTANGULAR series produce an unparalleled symbiosis of general and workplace illumination. Their uniform, delicate design creates a trendsetting and innovative look. The stark rectangular form in four optional sizes blends harmoniously into any ceiling structure to create a modern atmosphere. The extensive range of mounting accessories fits the entire luminaire family and enables their installation in sawn ceilings, as surface-mounted fixtures or as pendant lighting.



FL300EL LED RECTANGULAR OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter
 - UGR <19 for all luminositities
 - VDU application suitable acc. to EN 12464-1
 - Inlaid luminaire suitable for lattice and coffered ceilings
 - Recessed luminaire can only be used for cut ceilings with separately available installation frames
 - Separate accessory allows the lights to be used as a suspended, mounted or integrated luminaires

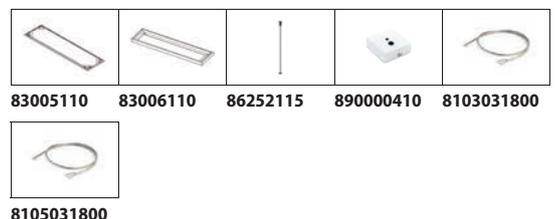


FL300EL LED RECTANGULAR OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS		CODE	WEIGHT
			RAL	CRI/RA					FLUX	LIFETIME		
Power LED 220/240 V 50/60 Hz												
LED	29 W	3000 K	○	80-89	I	S/A	✓	3260 lm	2720 lm	L80 B10 50000 h	8307891253300	3.86 kg
LED	29 W	4000 K	○	80-89	I	S/A	✓	3380 lm	2820 lm	L80 B10 50000 h	8307891253400	3.86 kg
LED	38 W	3000 K	○	80-89	I	S/A	-	4130 lm	3440 lm	L80 B10 50000 h	8307891333300	3.86 kg
LED	38 W	4000 K	○	80-89	I	S/A	-	4380 lm	3650 lm	L80 B10 50000 h	8307891333400	3.86 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	29 W	3000 K	○	80-89	I	S/A	✓	3260 lm	2720 lm	L80 B10 50000 h	8307891256300	3.86 kg
LED	29 W	4000 K	○	80-89	I	S/A	✓	3380 lm	2820 lm	L80 B10 50000 h	8307891256400	3.86 kg
LED	38 W	3000 K	○	80-89	I	S/A	-	4130 lm	3440 lm	L80 B10 50000 h	8307891336300	3.86 kg
LED	38 W	4000 K	○	80-89	I	S/A	-	4380 lm	3650 lm	L80 B10 50000 h	8307891336400	3.86 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Installation frame suitable for ceiling panel thicknesses from 20-25 mm*	○	83005110
Mounting frame	○	83006110
Suspension set (1.5 m)	-	86252115
Ceiling rose	○	890000410
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800

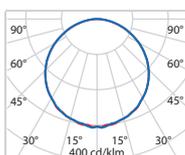


* Please check the ceiling situation with the builder on site

Photometrics

h [m]	E [lx]	∅ [m]
0,5	3891	1,51
1,0	973	3,02
1,5	432	4,53
2,0	243	6,04
2,5	156	7,55

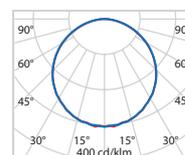
→ 2 x 56,5°



LED 29W, 4000K
UGR 16,7 / 16,7
Luminance 3000 cd/m² (γ ≥ 65°)
Efficiency 97 lm/W

h [m]	E [lx]	∅ [m]
0,5	5038	1,52
1,0	1259	3,03
1,5	560	4,55
2,0	315	6,07
2,5	202	7,58

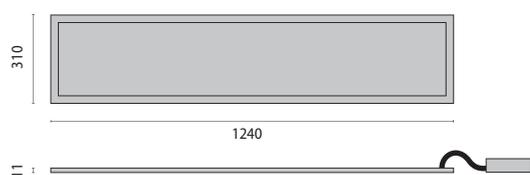
→ 2 x 56,6°



LED 38W, 4000K
UGR 17,6 / 17,5
Luminance 3910 cd/m² (γ ≥ 65°)
Efficiency 96 lm/W

FL315EL LED RECTANGULAR OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter
 - UGR <19 for all luminositities
 - VDU application suitable acc. to EN 12464-1
 - Inlaid luminaire suitable for lattice and coffered ceilings
 - Recessed luminaire can only be used for cut ceilings with separately available installation frames
 - Separate accessory allows the lights to be used as a suspended, mounted or integrated luminaires

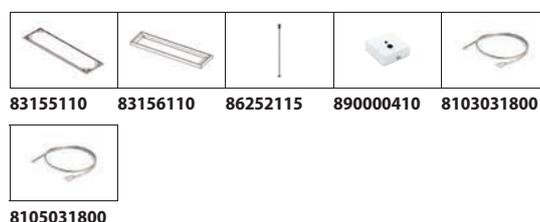


FL315EL LED RECTANGULAR OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS		CODE	WEIGHT
			RAL	CRI/RA					FLUX	LIFETIME		
Power LED 220/240 V 50/60 Hz												
LED	29 W	3000 K	○	80-89	I	S/A	✓	3260 lm	2720 lm	L80 B10 50000 h	8317891253300	3.91 kg
LED	29 W	4000 K	○	80-89	I	S/A	✓	3380 lm	2820 lm	L80 B10 50000 h	8317891253400	3.91 kg
LED	38 W	3000 K	○	80-89	I	S/A	-	4130 lm	3440 lm	L80 B10 50000 h	8317891333300	3.91 kg
LED	38 W	4000 K	○	80-89	I	S/A	-	4380 lm	3650 lm	L80 B10 50000 h	8317891333400	3.91 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	29 W	3000 K	○	80-89	I	S/A	✓	3260 lm	2720 lm	L80 B10 50000 h	8317891256300	3.91 kg
LED	29 W	4000 K	○	80-89	I	S/A	✓	3380 lm	2820 lm	L80 B10 50000 h	8317891256400	3.91 kg
LED	38 W	3000 K	○	80-89	I	S/A	-	4130 lm	3440 lm	L80 B10 50000 h	8317891336300	3.91 kg
LED	38 W	4000 K	○	80-89	I	S/A	-	4380 lm	3650 lm	L80 B10 50000 h	8317891336400	3.91 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Installation frame suitable for ceiling panel thicknesses from 20-25 mm*	○	83155110
Mounting frame	○	83156110
Suspension set (1.5 m)	-	86252115
Ceiling rose	○	890000410
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800

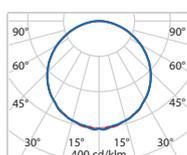


* Please check the ceiling situation with the builder on site

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3891	1.51
1.0	973	3.02
1.5	432	4.53
2.0	243	6.04
2.5	156	7.55

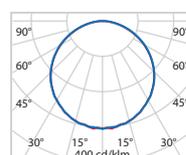
→ 2 x 56.5°



LED 29W, 4000K
UGR 16,3 / 16,3
Luminance 2740 cd/m² (γ ≥ 65°)
Efficiency 97 lm/W

h [m]	E [lx]	∅ [m]
0.5	5038	1.52
1.0	1259	3.03
1.5	560	4.55
2.0	315	6.07
2.5	202	7.58

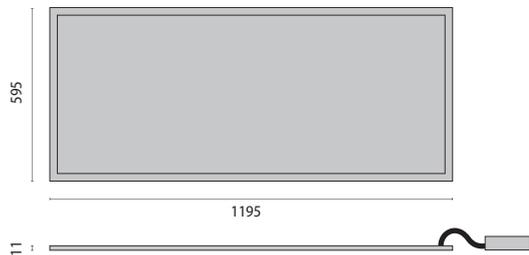
→ 2 x 56.6°



LED 38W, 4000K
UGR 17,2 / 17,2
Luminance 3570 cd/m² (γ ≥ 65°)
Efficiency 96 lm/W

FL600EL LED RECTANGULAR OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter
 - UGR < 19 for all luminositities
 - VDU application suitable acc. to EN 12464-1
 - Inlaid luminaire suitable for lattice and coffered ceilings
 - Recessed luminaire can only be used for cut ceilings with separately available installation frames
 - Separate accessory allows the lights to be used as a suspended, mounted or integrated luminaires

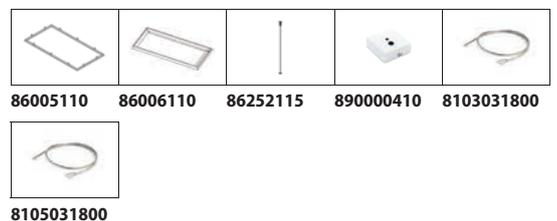


FL600EL LED RECTANGULAR OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	55 W	3000 K	○	80-89	I	S/A	✓	6610 lm	5510 lm	L80 B10 50000 h	8607891493300	6.92 kg
LED	55 W	4000 K	○	80-89	I	S/A	✓	7310 lm	6090 lm	L80 B10 50000 h	8607891493400	6.92 kg
LED	69 W	3000 K	○	80-89	I	S/A	-	7900 lm	6580 lm	L80 B10 50000 h	8607891613300	6.92 kg
LED	69 W	4000 K	○	80-89	I	S/A	-	8750 lm	7290 lm	L80 B10 50000 h	8607891613400	6.92 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	55 W	3000 K	○	80-89	I	S/A	✓	6610 lm	5510 lm	L80 B10 50000 h	8607891496300	6.92 kg
LED	55 W	4000 K	○	80-89	I	S/A	✓	7310 lm	6090 lm	L80 B10 50000 h	8607891496400	6.92 kg
LED	69 W	3000 K	○	80-89	I	S/A	-	7900 lm	6580 lm	L80 B10 50000 h	8607891616300	6.92 kg
LED	69 W	4000 K	○	80-89	I	S/A	-	8750 lm	7290 lm	L80 B10 50000 h	8607891616400	6.92 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Installation frame*	○	86005110
Mounting frame	○	86006110
Suspension set (1.5 m)	-	86252115
Ceiling rose	○	890000410
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800

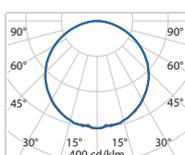


* Please check the ceiling situation with the builder on site

Photometrics

h [m]	E [lx]	∅ [m]
0.5	8358	1.54
1.0	2090	3.07
1.5	929	4.61
2.0	522	6.15
2.5	334	7.68

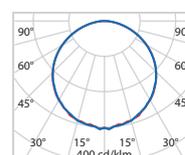
→ 2 x 57.0°



LED 55W, 4000K
UGR 16,6 / 16,6
Luminance 2920 cd/m² (γ ≥ 65°)
Efficiency 111 lm/W

h [m]	E [lx]	∅ [m]
0.5	9964	1.53
1.0	2491	3.05
1.5	1107	4.58
2.0	623	6.10
2.5	399	7.63

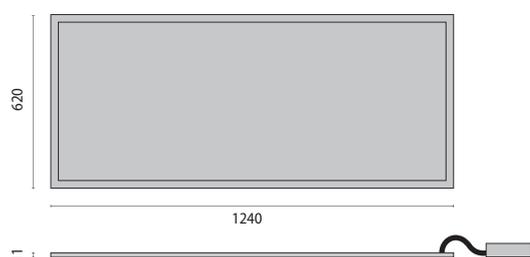
→ 2 x 56.8°



LED 69W, 4000K
UGR 17,2 / 17,2
Luminance 3510 cd/m² (γ ≥ 65°)
Efficiency 106 lm/W

FL625EL LED RECTANGULAR OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Housing made of extruded aluminium profile, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Complete with electric converter
 - UGR <19 for all luminosities
 - VDU application suitable acc. to EN 12464-1
 - Inlaid luminaire suitable for lattice and coffered ceilings
 - Recessed luminaire can only be used for cut ceilings with separately available installation frames
 - Separate accessory allows the lights to be used as a suspended, mounted or integrated luminaires

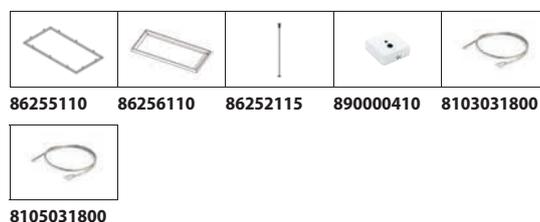


FL625EL LED RECTANGULAR OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/		CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS		CODE	WEIGHT
			RAL	CRI/RA					FLUX	LIFETIME		
Power LED 220/240 V 50/60 Hz												
LED	55 W	3000 K	○	80-89	I	S/A	✓	6610 lm	5510 lm	L80 B10 50000 h	8627891493300	6.97 kg
LED	55 W	4000 K	○	80-89	I	S/A	✓	7310 lm	6090 lm	L80 B10 50000 h	8627891493400	6.97 kg
LED	69 W	3000 K	○	80-89	I	S/A	✓	7900 lm	6580 lm	L80 B10 50000 h	8627891613300	6.97 kg
LED	69 W	4000 K	○	80-89	I	S/A	-	8750 lm	7290 lm	L80 B10 50000 h	8627891613400	6.97 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	55 W	3000 K	○	80-89	I	S/A	✓	6610 lm	5510 lm	L80 B10 50000 h	8627891496300	6.97 kg
LED	55 W	4000 K	○	80-89	I	S/A	✓	7310 lm	6090 lm	L80 B10 50000 h	8627891496400	6.97 kg
LED	69 W	3000 K	○	80-89	I	S/A	✓	7900 lm	6580 lm	L80 B10 50000 h	8627891616300	6.97 kg
LED	69 W	4000 K	○	80-89	I	S/A	-	8750 lm	7290 lm	L80 B10 50000 h	8627891616400	6.97 kg

Accessories

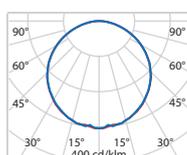
DESCRIPTION	COLOUR/RAL	CODE
Installation frame*	○	86255110
Mounting frame	○	86256110
Suspension set (1.5 m)	-	86252115
Ceiling rose	○	890000410
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800



* Please check the ceiling situation with the builder on site

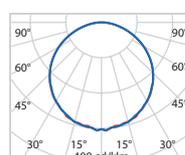
Photometrics

h [m]	E [lx]	∅ [m]
0.5	8358	1.54
1.0	2090	3.07
1.5	929	4.61
2.0	522	6.15
2.5	334	7.68
⇒ 2 x 57,0°		



LED 55W, 4000K
UGR 16,3 / 16,3
Luminance 2680 cd/m² (γ ≥ 65°)
Efficiency 111 lm/W

h [m]	E [lx]	∅ [m]
0.5	9964	1.53
1.0	2491	3.05
1.5	1107	4.58
2.0	623	6.10
2.5	399	7.63
⇒ 2 x 56,8°		

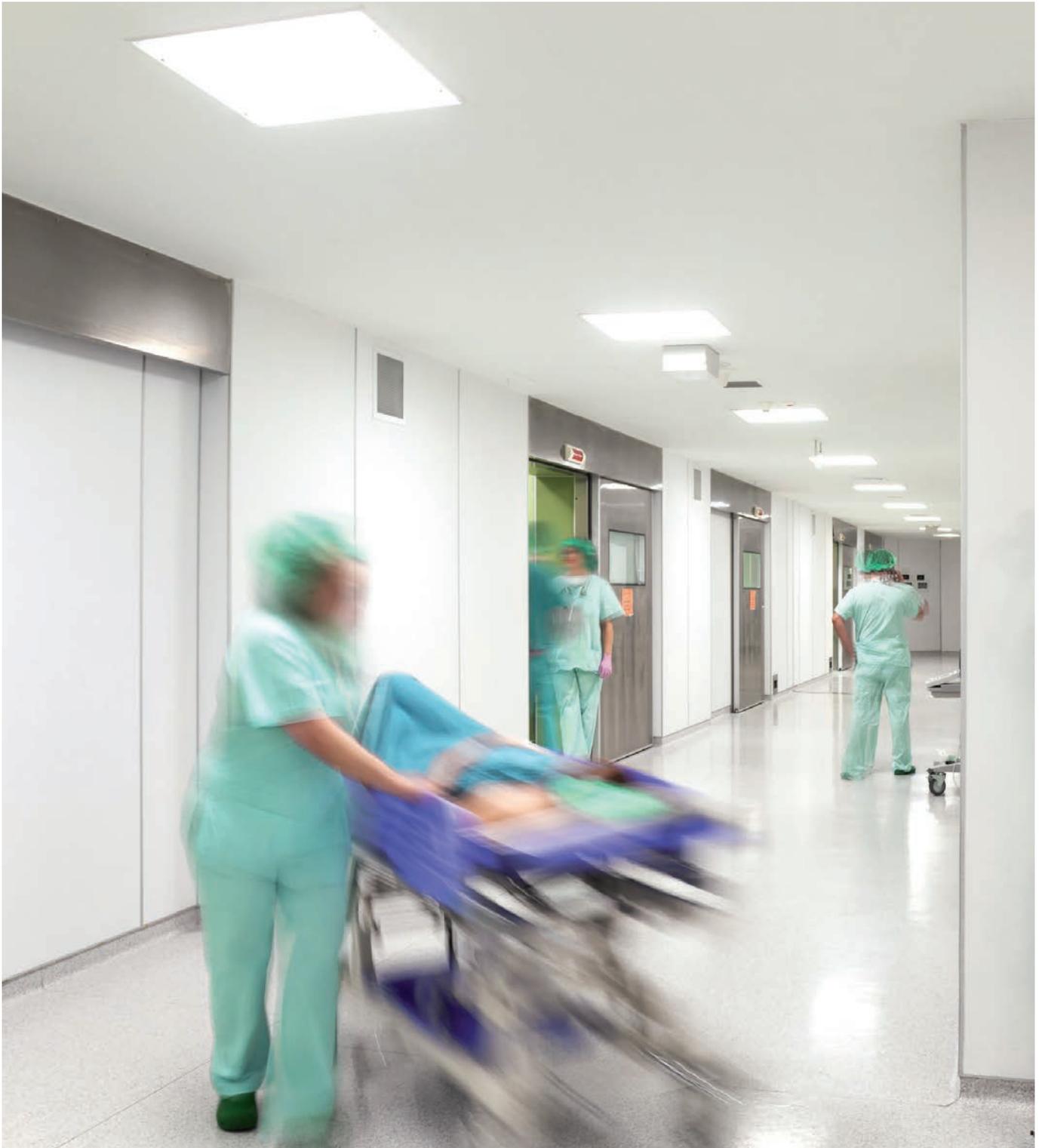


LED 69W, 4000K
UGR 16,9 / 16,9
Luminance 3220 cd/m² (γ ≥ 65°)
Efficiency 106 lm/W



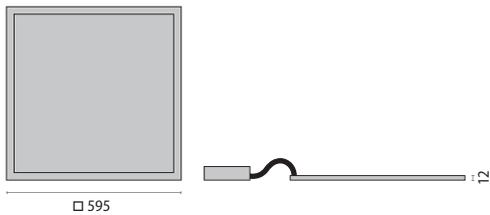
FL600/625EL LED MEDICUS

Lighting is a hot topic in the healthcare system. It must be able to master a number of different tasks and comply with directives. However, light should not only offer doctors and care staff a high degree of functionality, but should also make patients feel safe and comfortable. To meet these different requirements, PERFORMANCE IN LIGHTING has designed its FL600/625EL MEDICUS product series specially for medical facilities. This series is truly an all-purpose tool for the healthcare sector. It meets the requirements, directives and guidelines in regard to light quality, anti-glare, safety and energy saving, and is therefore suitable for use in waiting areas, corridors and wards, as well as in treatment and operating rooms.



FL600EL LED MEDICUS OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Die-cast aluminium housing, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Suitable for lattice and coffered ceilings
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1
 - UGR <19 for all luminosities
 - Converter with galvanic isolation in the load circuit and control circuit/switch and control for DALI applications is possible via multiple safety circuits (DIN VDE 0100 part 710: 2012-10 point 710.560.9)
 - Converter must be powered by a type A residual current protection switch (in accordance with DIN VDE 0100 part 710), as mixed frequencies must not occur in case of a fault
 - For use as a recessed luminaire and as a down light for F30 ceilings (with optional accessories) including a converter with galvanic separation in load circuit and control circuit
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - Designed for use in medical facilities
 - Minimal leakage current from the converter for wattages up to 45W in accordance with rooms from group 1 and 2 according to DIN VDE 0100 part 710, which must be equipped with a residual current circuit breaker with a rated differential current of 30 mA.
 - According to DIN VDE 0100 part 530, 0.4 times the value of the RCD must be factored in against unwanted shut-offs

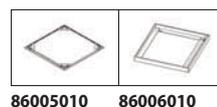


FL600EL LED MEDICUS OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	I	S/A	✓	3000 lm	2530 lm	L80 B10 40000 h	8608891273300	5.70 kg
LED	27 W	4000 K	○	90-100	I	S/A	✓	3100 lm	2600 lm	L80 B10 40000 h	8608891273400	5.70 kg
LED	33 W	3000 K	○	90-100	I	S/A	-	3800 lm	3200 lm	L80 B10 40000 h	8608891343300	5.70 kg
LED	33 W	4000 K	○	90-100	I	S/A	-	3900 lm	3280 lm	L80 B10 40000 h	8608891343400	5.70 kg
LED	43 W	3000 K	○	90-100	I	S/A	-	4750 lm	3980 lm	L80 B10 40000 h	8608891443300	5.70 kg
LED	43 W	4000 K	○	90-100	I	S/A	-	4900 lm	4100 lm	L80 B10 40000 h	8608891443400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	I	S/A	✓	3000 lm	2530 lm	L80 B10 40000 h	8608891276300	5.70 kg
LED	27 W	4000 K	○	90-100	I	S/A	✓	3100 lm	2600 lm	L80 B10 40000 h	8608891276400	5.70 kg
LED	33 W	3000 K	○	90-100	I	S/A	-	3800 lm	3200 lm	L80 B10 40000 h	8608891346300	5.70 kg
LED	33 W	4000 K	○	90-100	I	S/A	-	3900 lm	3280 lm	L80 B10 40000 h	8608891346400	5.70 kg
LED	43 W	3000 K	○	90-100	I	S/A	-	4750 lm	3980 lm	L80 B10 40000 h	8608891446300	5.70 kg
LED	43 W	4000 K	○	90-100	I	S/A	-	4900 lm	4100 lm	L80 B10 40000 h	8608891446400	5.70 kg

Accessories

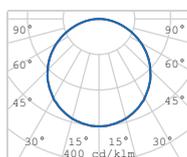
DESCRIPTION	COLOUR/RAL	CODE
Installation frame suitable for ceiling panel thicknesses from 20-25 mm*	○	86005010
Mounting frame	○	86006010



* Please check the ceiling situation with the builder on site

Photometrics

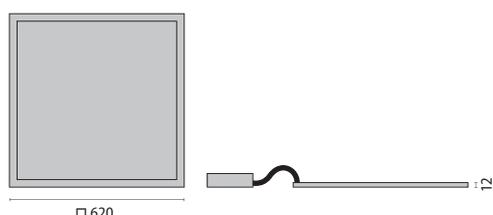
h [m]	E [lx]	∅ [m]
0,5	5602	1,53
1,0	1400	3,06
1,5	622	4,58
2,0	350	6,10
2,5	224	7,63



LED 43W, 4000K
 UGR 21,9 / 21,9
 Luminance 3980 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W

FL625EL LED MEDICUS OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Die-cast aluminium housing, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Suitable for lattice and coffered ceilings
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1
 - UGR <19 for all luminosities
 - Converter with galvanic isolation in the load circuit and control circuit/switch and control for DALI applications is possible via multiple safety circuits (DIN VDE 0100 part 710: 2012-10 point 710.560.9)
 - Converter must be powered by a type A residual current protection switch (in accordance with DIN VDE 0100 part 710), as mixed frequencies must not occur in case of a fault
 - For use as a recessed luminaire and as a down light for F30 ceilings (with optional accessories) including a converter with galvanic separation in load circuit and control circuit
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - Designed for use in medical facilities
 - Minimal leakage current from the converter for wattages up to 45W in accordance with rooms from group 1 and 2 according to DIN VDE 0100 part 710, which must be equipped with a residual current circuit breaker with a rated differential current of 30 mA.
 - According to DIN VDE 0100 part 530, 0.4 times the value of the RCD must be factored in against unwanted shut-offs

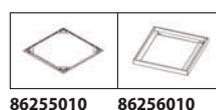


FL625EL LED MEDICUS OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	27 W	3000 K	○	90-100	I	S/A	✓	3000 lm	2530 lm	L80 B10 40000 h	8628891273300	6.00 kg
LED	27 W	4000 K	○	90-100	I	S/A	✓	3100 lm	2600 lm	L80 B10 40000 h	8628891273400	6.00 kg
LED	33 W	3000 K	○	90-100	I	S/A	✓	3800 lm	3200 lm	L80 B10 40000 h	8628891343300	6.00 kg
LED	33 W	4000 K	○	90-100	I	S/A	✓	3900 lm	3280 lm	L80 B10 40000 h	8628891343400	6.00 kg
LED	43 W	3000 K	○	90-100	I	S/A	-	4750 lm	3980 lm	L80 B10 40000 h	8628891443300	6.00 kg
LED	43 W	4000 K	○	90-100	I	S/A	-	4900 lm	4100 lm	L80 B10 40000 h	8628891443400	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	27 W	3000 K	○	90-100	I	S/A	✓	3000 lm	2530 lm	L80 B10 40000 h	8628891276300	6.00 kg
LED	27 W	4000 K	○	90-100	I	S/A	✓	3100 lm	2600 lm	L80 B10 40000 h	8628891276400	6.00 kg
LED	33 W	3000 K	○	90-100	I	S/A	✓	3800 lm	3200 lm	L80 B10 40000 h	8628891346300	6.00 kg
LED	33 W	4000 K	○	90-100	I	S/A	✓	3900 lm	3280 lm	L80 B10 40000 h	8628891346400	6.00 kg
LED	43 W	3000 K	○	90-100	I	S/A	-	4750 lm	3980 lm	L80 B10 40000 h	8628891446300	6.00 kg
LED	43 W	4000 K	○	90-100	I	S/A	-	4900 lm	4100 lm	L80 B10 40000 h	8628891446400	6.00 kg

Accessories

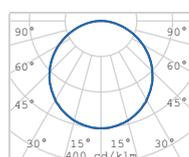
DESCRIPTION	COLOUR/RAL	CODE
Installation frame suitable for ceiling panel thicknesses from 20-25 mm*	○	86255010
Mounting frame	○	86256010



* Please check the ceiling situation with the builder on site

Photometrics

h [m]	E [lx]	∅ [m]
0,5	5602	1,53
1,0	1400	3,06
1,5	622	4,58
2,0	350	6,10
2,5	224	7,63



LED 43W, 4000K
 UGR 21,6 / 21,6
 Luminance 3650 cd/m² (γ ≥ 65°)
 Efficiency 95 lm/W



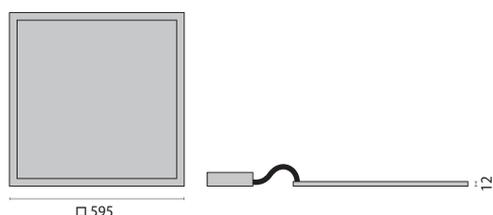
FLSB600/625EL LED

These advanced recessed luminaires in the FLSB LED series produce an unparalleled symbiosis of general and workplace illumination. Their uniform, delicate design creates a trendsetting and innovative look. The stark rectangular form in four optional sizes blends harmoniously into any ceiling structure to create a modern atmosphere. The extensive range of mounting accessories fits the entire luminaire family and enables their installation in sawn ceilings, as surface-mounted fixtures or as pendant lighting.



FLSB 600EL LED OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Die-cast aluminium housing, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Suitable for lattice and coffered ceilings
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1
 - UGR <19 for all luminosities
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - Recessed luminaire can only be used for cut ceilings with separately available installation frames
 - For indoor use only
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - Separate accessory allows the lights to be used as a suspended, mounted or integrated luminaires

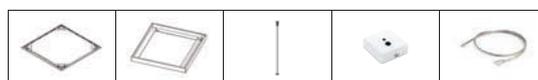


FLSB 600EL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	26 W	3000 K	○	80-89	I	S/A	✓	3560 lm	2970 lm	L80 B10 50000 h	8607891273300	5.70 kg
LED	26 W	4000 K	○	80-89	I	S/A	-	3680 lm	3070 lm	L80 B10 50000 h	8607891273400	5.70 kg
LED	35 W	3000 K	○	80-89	I	S/A	-	4630 lm	3860 lm	L80 B10 50000 h	8607891363300	5.70 kg
LED	35 W	4000 K	○	80-89	I	S/A	-	4760 lm	3970 lm	L80 B10 50000 h	8607891363400	5.70 kg
LED	45 W	3000 K	○	80-89	I	S/A	-	5760 lm	4800 lm	L80 B10 50000 h	8607891463300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	-	5930 lm	4940 lm	L80 B10 50000 h	8607891463400	5.70 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	26 W	3000 K	○	80-89	I	S/A	✓	3560 lm	2970 lm	L80 B10 50000 h	8607891276300	5.70 kg
LED	26 W	4000 K	○	80-89	I	S/A	-	3680 lm	3070 lm	L80 B10 50000 h	8607891276400	5.70 kg
LED	35 W	3000 K	○	80-89	I	S/A	-	4630 lm	3860 lm	L80 B10 50000 h	8607891366300	5.70 kg
LED	35 W	4000 K	○	80-89	I	S/A	-	4760 lm	3970 lm	L80 B10 50000 h	8607891366400	5.70 kg
LED	45 W	3000 K	○	80-89	I	S/A	-	5760 lm	4800 lm	L80 B10 50000 h	8607891466300	5.70 kg
LED	45 W	4000 K	○	80-89	I	S/A	-	5930 lm	4940 lm	L80 B10 50000 h	8607891466400	5.70 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Installation frame suitable for ceiling panel thicknesses from 20-25 mm*	○	86005010
Mounting frame	○	86006010
Suspension set (1.5 m)		86252015
Ceiling rose	○	890000410
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800



86005010 86006010 86252015 890000410 8103031800

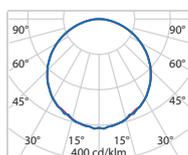


8105031800

* Please check the ceiling situation with the builder on site

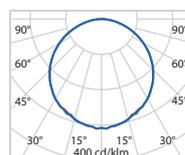
Photometrics

h [m]	E [lx]	∅ [m]
0,5	5541	1,48
1,0	1385	2,97
1,5	616	4,45
2,0	346	5,93
2,5	222	7,41



LED 35W, 4000K
UGR 17,7 / 17,7
Luminance 3990 cd/m² (γ ≥ 65°)
Efficiency 114 lm/W

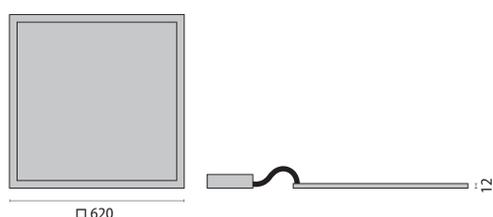
h [m]	E [lx]	∅ [m]
0,5	6892	1,48
1,0	1723	2,97
1,5	766	4,45
2,0	431	5,93
2,5	276	7,41



LED 45W, 4000K
UGR 18,4 / 18,4
Luminance 4960 cd/m² (γ ≥ 65°)
Efficiency 110 lm/W

FLSB 625EL LED OPAL COVER

- Inlaid LED luminaire for indoors, consisting of:
- Die-cast aluminium housing, powder-coated
 - LED Sidelight-Technology and light orienting plastic optic for a homogenous light distribution over the entire area of the cover
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Suitable for lattice and coffered ceilings
 - Complete with electric converter
 - VDU application suitable acc. to EN 12464-1
 - UGR <19 for all luminosities
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - Recessed luminaire can only be used for cut ceilings with separately available installation frames
 - For indoor use only
 - Protection class IP43* (for light emission surface for installation in closed ceilings)
 - Separate accessory allows the lights to be used as a suspended, mounted or integrated luminaires



FLSB 625EL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/RAL	CRI/RA	CLASS	OPTIC	DIN EN 12464-1	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz												
LED	26 W	3000 K	○	80-89	I	S/A	✓	3560 lm	2970 lm	L80 B10 50000 h	8627891273300	6.00 kg
LED	26 W	4000 K	○	80-89	I	S/A	✓	3680 lm	3070 lm	L80 B10 50000 h	8627891273400	6.00 kg
LED	35 W	3000 K	○	80-89	I	S/A	-	4630 lm	3860 lm	L80 B10 50000 h	8627891363300	6.00 kg
LED	35 W	4000 K	○	80-89	I	S/A	-	4760 lm	3970 lm	L80 B10 50000 h	8627891363400	6.00 kg
LED	45 W	3000 K	○	80-89	I	S/A	-	5760 lm	4800 lm	L80 B10 50000 h	8627891463300	6.00 kg
LED	45 W	4000 K	○	80-89	I	S/A	-	5930 lm	4940 lm	L80 B10 50000 h	8627891463400	6.00 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz												
LED	26 W	3000 K	○	80-89	I	S/A	✓	3560 lm	2970 lm	L80 B10 50000 h	8627891276300	6.00 kg
LED	26 W	4000 K	○	80-89	I	S/A	✓	3680 lm	3070 lm	L80 B10 50000 h	8627891276400	6.00 kg
LED	35 W	3000 K	○	80-89	I	S/A	-	4630 lm	3860 lm	L80 B10 50000 h	8627891366300	6.00 kg
LED	35 W	4000 K	○	80-89	I	S/A	-	4760 lm	3970 lm	L80 B10 50000 h	8627891366400	6.00 kg
LED	45 W	3000 K	○	80-89	I	S/A	-	5760 lm	4800 lm	L80 B10 50000 h	8627891466300	6.00 kg
LED	45 W	4000 K	○	80-89	I	S/A	-	5930 lm	4940 lm	L80 B10 50000 h	8627891466400	6.00 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
Installation frame suitable for ceiling panel thicknesses from 20-25 mm*	○	86255010
Mounting frame	○	86256010
Suspension set (1.5 m)	-	86252015
Ceiling rose	○	890000410
Mains supply (3-pole)	-	8103031800
Mains supply (5-pole)	-	8105031800

* Please check the ceiling situation with the builder on site



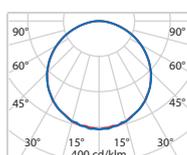
86255010 86256010 86252015 890000410 8103031800



8105031800

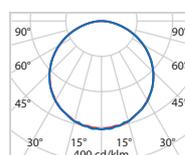
Photometrics

h [m]	E [lx]	∅ [m]
0.5	5513	1.52
1.0	1378	3.03
1.5	613	4.55
2.0	345	6.07
2.5	221	7.58
→ ± 2 x 56.6°		



LED 35W, 4000K
UGR 17,4 / 17,4
Luminance 3650 cd/m² (γ ≥ 65°)
Efficiency 114 lm/W

h [m]	E [lx]	∅ [m]
0.5	6857	1.52
1.0	1714	3.03
1.5	762	4.55
2.0	429	6.07
2.5	274	7.58
→ ± 2 x 56.6°		



LED 45W, 4000K
UGR 18,1 / 18,1
Luminance 4550 cd/m² (γ ≥ 65°)
Efficiency 110 lm/W



DL LED

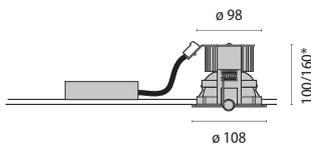
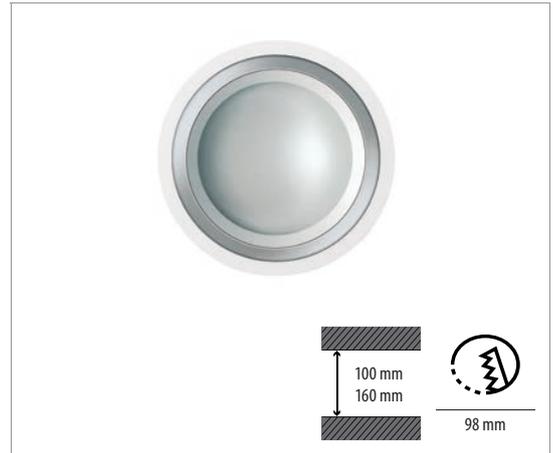
Our modular product families DL LED include a broad variety of round LED downlights in different sizes. The extensive selection of models, components, capacities, mounting depths and accessories, all of which can be replaced without tools, deliver an unparalleled degree of flexibility. Highly efficient LEDs and modern optics ensure an homogeneous lighting pattern, visual comfort and efficiency. Moreover, the standard PERFORMANCE IN LIGHTING downlights can be replaced with our latest generation entirely without tools thanks to the identical ceiling recesses. This is a crucial advantage when refurbishing a building.



DL105 LED OPAL COVER - 100 mm

Recessed round LED downlight for indoors, consisting of:

- Galvanized steel sheet housing
- Die-cast ceiling trim, powder-coated
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed, matt protective glass
- Modular reflector made of high-brilliant metalised pure aluminium (AL 99.98) for maximum efficiency and colour-neutral light reflection
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent dissipation through passive heat-sink
- Toolless mounting
- Complete with electric converter
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module



* Mounting depth for for emergency lighting versions: 160 mm



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1000 lm	690 lm	L80 B10 50000 h	8105591093310	0.60 kg
LED	10 W	4000 K	○	80-89	I	C/W	1000 lm	720 lm	L80 B10 50000 h	8105591093410	0.60 kg
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	970 lm	L80 B10 50000 h	8105591143310	0.65 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1010 lm	L80 B10 50000 h	8105591143410	0.65 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	970 lm	L80 B10 50000 h	8105591146310	0.65 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1010 lm	L80 B10 50000 h	8105591146410	0.65 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	970 lm	L80 B10 50000 h	8105591143311	1.30 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1010 lm	L80 B10 50000 h	8105591143411	1.30 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	970 lm	L80 B10 50000 h	8105591143312	1.30 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1010 lm	L80 B10 50000 h	8105591143412	1.30 kg

Accessories

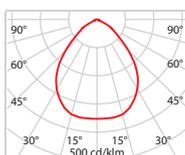
DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80301001



80301001

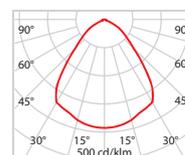
Photometrics

h [m]	E [lx]	∅ [m]
0.5	1592	0.93
1.0	398	1.87
1.5	177	2.80
2.0	100	3.73
2.5	64	4.66



LED 1 x 10 W, 4000 K
Half-value angle 2 x 43/43°
UGR 23,3 / 23,3
Luminance 6820 cd/m² (γ ≥ 65°)
Efficiency 72 lm/W

h [m]	E [lx]	∅ [m]
0.5	2265	0.88
1.0	566	1.77
1.5	252	2.65
2.0	142	3.54
2.5	91	4.42

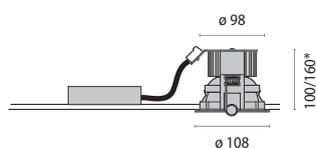


LED 1 x 15 W, 4000 K
Half-value angle 2 x 42/42°
UGR 24,7 / 24,7
Luminance 7900 cd/m² (γ ≥ 65°)
Efficiency 67 lm/W

DL105 LED MICROPRISMATIC COVER - 100 mm

Recessed round LED downlight for indoors, consisting of:

- Galvanized steel sheet housing
- Die-cast ceiling trim, powder-coated
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed prism glass
- Modular reflector made of high-brilliant metalised pure aluminium (AL 99.98) for maximum efficiency and colour-neutral light reflection
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent dissipation through passive heat-sink
- Toolless mounting
- Complete with electric converter
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module



* Mounting depth for for emergency lighting versions: 160 mm



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1000 lm	790 lm	L80 B10 50000 h	8105561093310	0.60 kg
LED	10 W	4000 K	○	80-89	I	C/W	1000 lm	800 lm	L80 B10 50000 h	8105561093410	0.60 kg
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	1060 lm	L80 B10 50000 h	8105561143310	0.60 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1140 lm	L80 B10 50000 h	8105561143410	0.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	1060 lm	L80 B10 50000 h	8105561146310	0.65 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1140 lm	L80 B10 50000 h	8105561146410	0.65 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	1060 lm	L80 B10 50000 h	8105561143311	1.30 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1140 lm	L80 B10 50000 h	8105561143411	1.30 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	1060 lm	L80 B10 50000 h	8105561143312	1.30 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1140 lm	L80 B10 50000 h	8105561143412	1.30 kg

Accessories

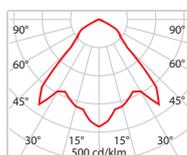
DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80301001



80301001

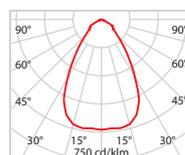
Photometrics

h [m]	E [lx]	∅ [m]
0.5	1723	0.95
1.0	431	1.90
1.5	191	2.85
2.0	108	3.80
2.5	69	4.74
→± 2 x 43.5°		



LED 1 x 10 W, 4000 K
 Half-value angle 2 x 44/44°
 UGR 24,2 / 24,2
 Luminance 8970 cd/m² (γ ≥ 65°)
 Efficiency 80 lm/W

h [m]	E [lx]	∅ [m]
0.5	3456	0.65
1.0	864	1.29
1.5	384	1.94
2.0	216	2.59
2.5	138	3.23
→± 2 x 32.9°		

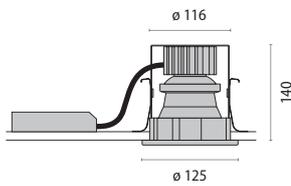


LED 1 x 15 W, 4000 K
 Half-value angle 2 x 33/33°
 UGR 23,8 / 23,8
 Luminance 12000 cd/m² (γ ≥ 65°)
 Efficiency 76 lm/W

DL125 LED OPAL COVER - 140 mm

Round modular LED downlight, recessed, for indoors, consisting of:

- Galvanized steel sheet housing
- Modular die-cast ceiling trim, powder-coated
- Bayonet catch to enable simple fitting of the anti-glare ring without tools
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- Modular reflector made of high-brilliant metalised pure aluminium (AL 99.98) for maximum efficiency and colour-neutral light reflection
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent dissipation through passive heat-sink
- Toolless mounting
- Complete with electric converter
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



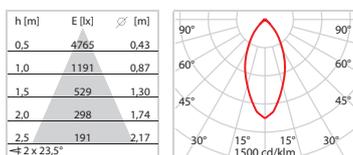
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1000 lm	790 lm	L80 B10 50000 h	8125591093300	0.85 kg
LED	10 W	4000 K	○	80-89	I	C/W	1000 lm	910 lm	L80 B10 50000 h	8125591093400	0.85 kg
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	890 lm	L80 B10 50000 h	8125591133300	0.85 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1020 lm	L80 B10 50000 h	8125591133400	0.85 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	890 lm	L80 B10 50000 h	8125591136300	0.95 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1020 lm	L80 B10 50000 h	8125591136400	0.95 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	890 lm	L80 B10 50000 h	8125591133301	1.30 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1020 lm	L80 B10 50000 h	8125591133401	1.30 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	890 lm	L80 B10 50000 h	8125591133302	1.30 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	1020 lm	L80 B10 50000 h	8125591133402	1.30 kg

Accessories

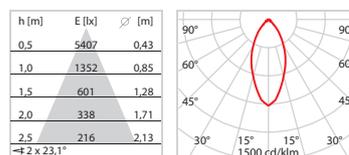
DESCRIPTION	COLOUR/RAL	CODE
Adjusting trim, RAL 9016	○	81252010
Concrete casting drum	○	81252035
LightCAP fire protection hood	○	80302001
Frosted safety glass pane, IP54	○	8125900
Clear safety glass pane, IP54	○	8125901
Frosted glass pane with 10 mm clear outer rim, IP23	○	8125928
Clear acrylic pane, IP54	○	8125911



Photometrics



LED 1 x 10 W, 4000 K
 Half-value angle 2 x 24/24°
 UGR 18,6 / 18,6
 Luminance 7000 cd/m² (γ ≥ 65°)
 Efficiency 90 lm/W

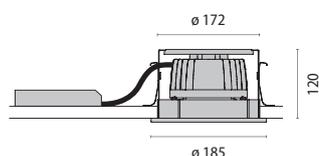


LED 1 x 15 W, 4000 K
 Half-value angle 2 x 23/23°
 UGR 19,0 / 19,0
 Luminance 10720 cd/m² (γ ≥ 65°)
 Efficiency 68 lm/W

DL185 LED OPAL COVER - 120 mm

Round modular LED downlight, recessed, for indoors, consisting of:

- Galvanized steel sheet housing
- Modular die-cast ceiling trim, powder-coated
- Bayonet catch to enable simple fitting of the anti-glare ring without tools
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Toolless mounting
- Complete with external modular power supply unit
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	14 W	3000 K	○	80-89	I	C/W	1300 lm	870 lm	L80 B10 50000 h	8185291183300	1.60 kg
LED	14 W	4000 K	○	80-89	I	C/W	1400 lm	960 lm	L80 B10 50000 h	8185291183400	1.60 kg
LED	18 W	3000 K	○	80-89	I	C/W	1700 lm	1070 lm	L80 B10 50000 h	8185291263300	1.60 kg
LED	18 W	4000 K	○	80-89	I	C/W	1800 lm	1160 lm	L80 B10 50000 h	8185291263400	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	2100 lm	1460 lm	L80 B10 50000 h	8185291363300	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2200 lm	1550 lm	L80 B10 50000 h	8185291363400	1.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	14 W	3000 K	○	80-89	I	C/W	1300 lm	870 lm	L80 B10 50000 h	8185291186300	1.60 kg
LED	14 W	4000 K	○	80-89	I	C/W	1400 lm	960 lm	L80 B10 50000 h	8185291186400	1.60 kg
LED	18 W	3000 K	○	80-89	I	C/W	1700 lm	1070 lm	L80 B10 50000 h	8185291266300	1.60 kg
LED	18 W	4000 K	○	80-89	I	C/W	1800 lm	1160 lm	L80 B10 50000 h	8185291266400	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	2100 lm	1460 lm	L80 B10 50000 h	8185291366300	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2200 lm	1550 lm	L80 B10 50000 h	8185291366400	1.60 kg

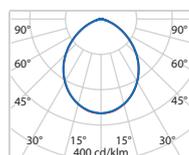
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Adjusting trim, RAL 9016	○	81852010
Panel sheet module 100, RAL 9016	○	81850320
Concrete casting drum	○	81852035
LightCAP fire protection hood	○	80303001
Frosted safety glass pane, IP54	○	8185900
Clear safety glass pane, IP54	○	8185901
Frosted glass pane with 10 mm clear outer rim, IP23	○	8185903
Suspended, frosted glass ring with 10 mm clear outer rim, IP23	○	8185904
Clear acrylic pane, IP54	○	8185912
Frosted acrylic pane, IP54	○	8185928
Clear acrylic pane, strikeand vandalism protected, IP54	○	8185911
Frosted acrylic pane, strikeand vandalism protected, IP54	○	8185927



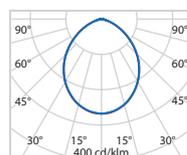
Photometrics

h [m]	E [lx]	∅ [m]
0.5	2174	1.05
1.0	543	2.10
1.5	242	3.14
2.0	136	4.19
2.5	87	5.24
→ 2 x 46.4°		



LED 1 x 18 W, 4000 K
 Half-value angle 2 x 46/46°
 UGR 22,2 / 22,1
 Luminance 12220 cd/m² (γ ≥ 65°)
 Efficiency 64 lm/W

h [m]	E [lx]	∅ [m]
0.5	2909	1.05
1.0	727	2.09
1.5	323	3.14
2.0	182	4.19
2.5	116	5.23
→ 2 x 46.3°		

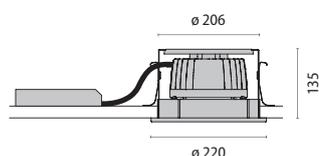


LED 1 x 26 W, 4000 K
 Half-value angle 2 x 46/46°
 UGR 23,2 / 23,1
 Luminance 16330 cd/m² (γ ≥ 65°)
 Efficiency 60 lm/W

DL220 LED OPAL COVER - 135 mm

Round modular LED downlight, recessed, for indoors, consisting of:

- Galvanized steel sheet housing
- Modular die-cast ceiling trim, powder-coated
- Bayonet catch to enable simple fitting of the anti-glare ring without tools
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Toolless mounting
- Complete with external modular power supply unit
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	18 W	3000 K	○	80-89	I	C/W	1900 lm	1440 lm	L80 B10 50000 h	8220292133300	2.10 kg
LED	18 W	4000 K	○	80-89	I	C/W	2100 lm	1570 lm	L80 B10 50000 h	8220292133400	2.10 kg
LED	26 W	3000 K	○	80-89	I	C/W	2600 lm	1990 lm	L80 B10 50000 h	8220292193300	2.10 kg
LED	26 W	4000 K	○	80-89	I	C/W	2800 lm	2170 lm	L80 B10 50000 h	8220292193400	2.10 kg
LED	37 W	3000 K	○	80-89	I	C/W	3100 lm	2590 lm	L80 B10 50000 h	8220292263300	2.10 kg
LED	37 W	4000 K	○	80-89	I	C/W	3400 lm	2800 lm	L80 B10 50000 h	8220292263400	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	18 W	3000 K	○	80-89	I	C/W	1900 lm	1440 lm	L80 B10 50000 h	8220292136300	2.10 kg
LED	18 W	4000 K	○	80-89	I	C/W	2100 lm	1570 lm	L80 B10 50000 h	8220292136400	2.10 kg
LED	26 W	3000 K	○	80-89	I	C/W	2600 lm	1990 lm	L80 B10 50000 h	8220292196300	2.10 kg
LED	26 W	4000 K	○	80-89	I	C/W	2800 lm	2170 lm	L80 B10 50000 h	8220292196400	2.10 kg
LED	37 W	3000 K	○	80-89	I	C/W	3100 lm	2590 lm	L80 B10 50000 h	8220292266300	2.10 kg
LED	37 W	4000 K	○	80-89	I	C/W	3400 lm	2800 lm	L80 B10 50000 h	8220292266400	2.10 kg

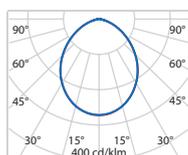
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Adjusting trim, RAL 9016	○	82202010
Panel sheet module 100, RAL 9016	○	82200320
Mineral fibre reinforcing plate	○	82201320
Concrete casting drum	○	82202037
LightCAP fire protection hood	○	80303001
Frosted safety glass pane, IP54	○	8220900
Clear safety glass pane, IP54	○	8220901
Frosted acrylic pane, IP54	○	8220928
Clear acrylic pane, IP54	○	8220912
Frosted acrylic pane, strikeand vandalism protected, IP54	○	8220927
Clear acrylic pane, strikeand vandalism protected, IP54	○	8220911
Frosted glass pane with 10 mm clear outer rim, IP23	○	8220903
Suspended, frosted glass ring with 10 mm clear outer rim, IP23	○	8220904
Clear suspended acrylic pane between two metal rings, IP23	○	8220952



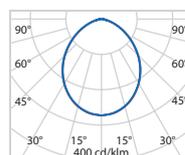
Photometrics

h [m]	E [lx]	∅ [m]
0.5	3937	1.06
1.0	984	2.13
1.5	437	3.19
2.0	246	4.25
2.5	157	5.32
→ ± 2 x 46.8°		



LED 2 x 26 W, 4000 K
 Half-value angle 2 x 47/47°
 UGR 23,0 / 22,9
 Luminance 16590 cd/m² (γ ≥ 65°)
 Efficiency 84 lm/W

h [m]	E [lx]	∅ [m]
0.5	5069	1.07
1.0	1267	2.13
1.5	563	3.20
2.0	317	4.27
2.5	203	5.33
→ ± 2 x 46.9°		

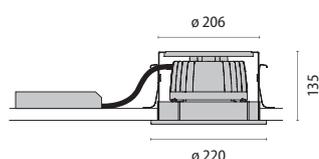


LED 2 x 37 W, 4000 K
 Half-value angle 2 x 47/47°
 UGR 23,9 / 23,8
 Luminance 21370 cd/m² (γ ≥ 65°)
 Efficiency 76 lm/W

DL220 LED MATRIX - 135 mm

Round modular LED downlight, recessed, for indoors, consisting of:

- Galvanized steel sheet housing
- Modular die-cast ceiling trim, powder-coated
- Bayonet catch to enable simple fitting of the anti-glare frame without tools
- Suitable for ceiling tile thickness from 1-25 mm
- Reflector matrix made of high gloss aluminium die casting
- VDU application suitable acc. to EN 12464-1
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Toolless mounting
- Complete with external modular power supply unit
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



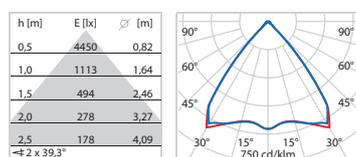
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	20 W	3000 K	○	80-89	I	C/W	1900 lm	1600 lm	L80 B10 50000 h	8220232093300	2.10 kg
LED	20 W	4000 K	○	80-89	I	C/W	2000 lm	1720 lm	L80 B10 50000 h	8220232093400	2.10 kg
LED	27 W	3000 K	○	80-89	I	C/W	2800 lm	2240 lm	L80 B10 50000 h	8220232143300	2.10 kg
LED	27 W	4000 K	○	80-89	I	C/W	2900 lm	2410 lm	L80 B10 50000 h	8220232143400	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	20 W	3000 K	○	80-89	I	C/W	1900 lm	1600 lm	L80 B10 50000 h	8220232096300	2.10 kg
LED	20 W	4000 K	○	80-89	I	C/W	2000 lm	1720 lm	L80 B10 50000 h	8220232096400	2.10 kg
LED	27 W	3000 K	○	80-89	I	C/W	2800 lm	2240 lm	L80 B10 50000 h	8220232146300	2.10 kg
LED	27 W	4000 K	○	80-89	I	C/W	2900 lm	2410 lm	L80 B10 50000 h	8220232146400	2.10 kg

Accessories

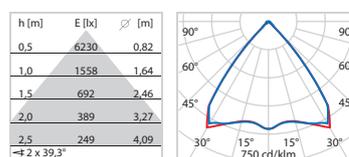
DESCRIPTION	COLOUR/RAL	CODE
Adjusting trim, RAL 9016	○	82202010
Panel sheet module 100, RAL 9016	○	82200320
Mineral fibre reinforcing plate	○	82201320
Concrete casting drum	○	82202037
LightCAP fire protection hood	○	80303001



Photometrics



LED 2 x 20 W, 4000 K
 Half-value angle 2 x 39/39°
 UGR 18,2 / 18,2
 Luminance 860 cd/m² (γ ≥ 65°)
 Efficiency 86 lm/W



LED 2 x 27 W, 4000 K
 Half-value angle 2 x 39/39°
 UGR 19,4 / 19,4
 Luminance 1210 cd/m² (γ ≥ 65°)
 Efficiency 89 lm/W



DLSB LED

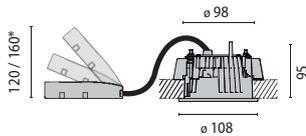
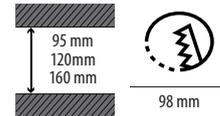
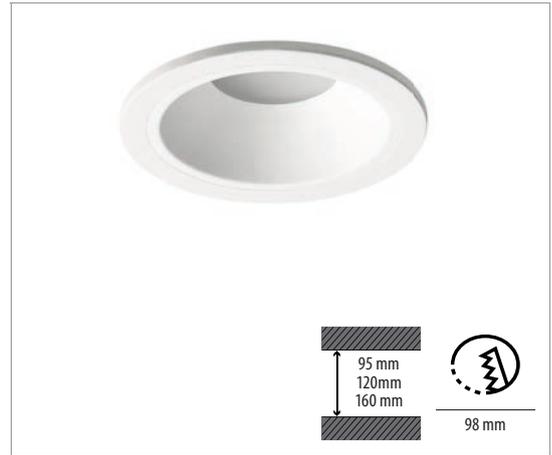
Our DLSB LED product family comprises four different, round diameters in sixteen performance categories. Another sophisticated technical feature is that each of the luminaires can be operated at different performance levels. Highly efficient LEDs and a modern, diffuse lens ensure efficiency and a homogeneous lighting pattern.



DLSB100 LED OPAL COVER - 95 mm

Recessed round LED downlight for indoors, consisting of:

- Multi-purpose die-cast aluminium housing combines all functions: heat-sinking, ceiling trim, ceiling brackets and grey tray connection
- Light-tight housing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- Protection class IP54* (for light emission surface for installation in closed ceilings)



* Mounting depth for not freely accessible ceilings: 120mm or 160mm for emergency lighting versions

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1040 lm	790 lm	L80 B10 50000 h	810710933001	0.80 kg
LED	10 W	4000 K	○	80-89	I	C/W	1100 lm	810 lm	L80 B10 50000 h	810710934001	0.80 kg
LED	14 W	3000 K	○	80-89	I	C/W	1400 lm	1060 lm	L80 B10 50000 h	810711333001	0.80 kg
LED	14 W	4000 K	○	80-89	I	C/W	1500 lm	1090 lm	L80 B10 50000 h	810711334001	0.80 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1040 lm	790 lm	L80 B10 50000 h	810710933003	1.30 kg
LED	10 W	4000 K	○	80-89	I	C/W	1100 lm	810 lm	L80 B10 50000 h	810710934003	1.30 kg
LED	14 W	3000 K	○	80-89	I	C/W	1400 lm	1060 lm	L80 B10 50000 h	810711333003	1.30 kg
LED	14 W	4000 K	○	80-89	I	C/W	1500 lm	1090 lm	L80 B10 50000 h	810711334003	1.30 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1040 lm	790 lm	L80 B10 50000 h	810710933002	1.30 kg
LED	10 W	4000 K	○	80-89	I	C/W	1100 lm	810 lm	L80 B10 50000 h	810710934002	1.30 kg
LED	14 W	3000 K	○	80-89	I	C/W	1400 lm	1060 lm	L80 B10 50000 h	810711333002	1.30 kg
LED	14 W	4000 K	○	80-89	I	C/W	1500 lm	1090 lm	L80 B10 50000 h	810711334002	1.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1040 lm	790 lm	L80 B10 50000 h	810710963001	0.80 kg
LED	10 W	4000 K	○	80-89	I	C/W	1100 lm	810 lm	L80 B10 50000 h	810710964001	0.80 kg
LED	14 W	3000 K	○	80-89	I	C/W	1400 lm	1060 lm	L80 B10 50000 h	810711363001	0.80 kg
LED	14 W	4000 K	○	80-89	I	C/W	1500 lm	1090 lm	L80 B10 50000 h	810711364001	0.80 kg
Power LED dimmable DALI - emergency 1h - 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1040 lm	790 lm	L80 B10 50000 h	810710963003	1.30 kg
LED	10 W	4000 K	○	80-89	I	C/W	1100 lm	810 lm	L80 B10 50000 h	810710964003	1.30 kg
LED	14 W	3000 K	○	80-89	I	C/W	1400 lm	1060 lm	L80 B10 50000 h	810711363003	1.30 kg
LED	14 W	4000 K	○	80-89	I	C/W	1500 lm	1090 lm	L80 B10 50000 h	810711364003	1.30 kg
Power LED dimmable DALI - emergency 3h - 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1040 lm	790 lm	L80 B10 50000 h	810710963002	1.30 kg
LED	10 W	4000 K	○	80-89	I	C/W	1100 lm	810 lm	L80 B10 50000 h	810710964002	1.30 kg
LED	14 W	3000 K	○	80-89	I	C/W	1400 lm	1060 lm	L80 B10 50000 h	810711363002	1.30 kg
LED	14 W	4000 K	○	80-89	I	C/W	1500 lm	1090 lm	L80 B10 50000 h	810711364002	1.30 kg

Accessories

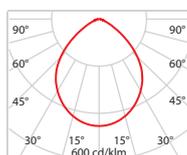
DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80301001



80301001

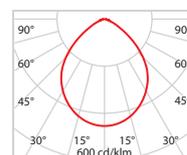
Photometrics

h [m]	E [lx]	∅ [m]
0.5	1664	1.01
1.0	416	2.01
1.5	185	3.02
2.0	104	4.03
2.5	67	5.04
→ 2 x 45.2°		



LED 1 x 10 W, 4000 K
Half-value angle 2 x 45/45°
UGR 24,7 / 24,7
Luminance 19010 cd/m² (γ ≥ 65°)
Efficiency 81 lm/W

h [m]	E [lx]	∅ [m]
0.5	2239	1.01
1.0	560	2.01
1.5	249	3.02
2.0	140	4.03
2.5	90	5.04
→ 2 x 45.2°		

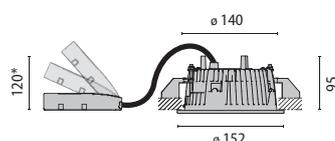


LED 1 x 14 W, 4000 K
Half-value angle 2 x 45/45°
UGR 25,7 / 25,7
Luminance 25590 cd/m² (γ ≥ 65°)
Efficiency 78 lm/W

DLSB150 LED OPAL COVER - 95 mm

Recessed round LED downlight for indoors, consisting of:

- Multi-purpose die-cast aluminium housing combines all functions: heat-sinking, ceiling trim, ceiling brackets and gear tray connection
- Light-tight housing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- Protection class IP54* (for light emission surface for installation in closed ceilings)



* Mounting depth for not freely accessible ceilings: 120mm for emergency lighting versions



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	9 W	3000 K	○	80-89	I	C/W	880 lm	700 lm	L80 B10 50000 h	815710833001	1.10 kg
LED	9 W	4000 K	○	80-89	I	C/W	980 lm	790 lm	L80 B10 50000 h	815710834001	1.10 kg
LED	13 W	3000 K	○	80-89	I	C/W	1100 lm	950 lm	L80 B10 50000 h	815711233001	1.10 kg
LED	13 W	4000 K	○	80-89	I	C/W	1330 lm	1070 lm	L80 B10 50000 h	815711234001	1.10 kg
LED	20 W	3000 K	○	80-89	I	C/W	1600 lm	1230 lm	L80 B10 50000 h	815711833001	1.10 kg
LED	20 W	4000 K	○	80-89	I	C/W	1780 lm	1430 lm	L80 B10 50000 h	815711834001	1.10 kg
LED	26 W	3000 K	○	80-89	I	C/W	1950 lm	1550 lm	L80 B10 50000 h	815712333001	1.10 kg
LED	26 W	4000 K	○	80-89	I	C/W	2170 lm	1730 lm	L80 B10 50000 h	815712334001	1.10 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	9 W	3000 K	○	80-89	I	C/W	880 lm	700 lm	L80 B10 50000 h	815710833003	1.60 kg
LED	9 W	4000 K	○	80-89	I	C/W	980 lm	790 lm	L80 B10 50000 h	815710834003	1.60 kg
LED	13 W	3000 K	○	80-89	I	C/W	1100 lm	950 lm	L80 B10 50000 h	815711233003	1.60 kg
LED	13 W	4000 K	○	80-89	I	C/W	1330 lm	1070 lm	L80 B10 50000 h	815711234003	1.60 kg
LED	20 W	3000 K	○	80-89	I	C/W	1600 lm	1230 lm	L80 B10 50000 h	815711833003	1.60 kg
LED	20 W	4000 K	○	80-89	I	C/W	1780 lm	1430 lm	L80 B10 50000 h	815711834003	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	1950 lm	1550 lm	L80 B10 50000 h	815712333003	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2170 lm	1730 lm	L80 B10 50000 h	815712334003	1.60 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	9 W	3000 K	○	80-89	I	C/W	880 lm	700 lm	L80 B10 50000 h	815710833002	1.60 kg
LED	9 W	4000 K	○	80-89	I	C/W	980 lm	790 lm	L80 B10 50000 h	815710834002	1.60 kg
LED	13 W	3000 K	○	80-89	I	C/W	1100 lm	950 lm	L80 B10 50000 h	815711233002	1.60 kg
LED	13 W	4000 K	○	80-89	I	C/W	1330 lm	1070 lm	L80 B10 50000 h	815711234002	1.60 kg
LED	20 W	3000 K	○	80-89	I	C/W	1600 lm	1230 lm	L80 B10 50000 h	815711833002	1.60 kg
LED	20 W	4000 K	○	80-89	I	C/W	1780 lm	1430 lm	L80 B10 50000 h	815711834002	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	1950 lm	1550 lm	L80 B10 50000 h	815712333002	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2170 lm	1730 lm	L80 B10 50000 h	815712334002	1.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	9 W	3000 K	○	80-89	I	C/W	880 lm	700 lm	L80 B10 50000 h	815710863001	1.10 kg
LED	9 W	4000 K	○	80-89	I	C/W	980 lm	790 lm	L80 B10 50000 h	815710864001	1.10 kg
LED	13 W	3000 K	○	80-89	I	C/W	1100 lm	950 lm	L80 B10 50000 h	815711263001	1.10 kg
LED	13 W	4000 K	○	80-89	I	C/W	1330 lm	1070 lm	L80 B10 50000 h	815711264001	1.10 kg
LED	20 W	3000 K	○	80-89	I	C/W	1600 lm	1230 lm	L80 B10 50000 h	815711863001	1.10 kg
LED	20 W	4000 K	○	80-89	I	C/W	1780 lm	1430 lm	L80 B10 50000 h	815711864001	1.10 kg
LED	26 W	3000 K	○	80-89	I	C/W	1950 lm	1550 lm	L80 B10 50000 h	815712363001	1.10 kg
LED	26 W	4000 K	○	80-89	I	C/W	2170 lm	1730 lm	L80 B10 50000 h	815712364001	1.10 kg
Power LED dimmable DALI - emergency 1h - 220-240 V / 50-60 Hz											
LED	9 W	3000 K	○	80-89	I	C/W	880 lm	700 lm	L80 B10 50000 h	815710863003	1.60 kg
LED	9 W	4000 K	○	80-89	I	C/W	980 lm	790 lm	L80 B10 50000 h	815710864003	1.60 kg
LED	13 W	3000 K	○	80-89	I	C/W	1100 lm	950 lm	L80 B10 50000 h	815711263003	1.60 kg
LED	13 W	4000 K	○	80-89	I	C/W	1330 lm	1070 lm	L80 B10 50000 h	815711264003	1.60 kg
LED	20 W	3000 K	○	80-89	I	C/W	1600 lm	1230 lm	L80 B10 50000 h	815711863003	1.60 kg
LED	20 W	4000 K	○	80-89	I	C/W	1780 lm	1430 lm	L80 B10 50000 h	815711864003	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	1950 lm	1550 lm	L80 B10 50000 h	815712363003	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2170 lm	1730 lm	L80 B10 50000 h	815712364003	1.60 kg

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI - emergency 3h - 220-240 V / 50-60 Hz											
LED	9 W	3000 K	○	80-89	I	C/W	880 lm	700 lm	L80 B10 50000 h	815710863002	1.60 kg
LED	9 W	4000 K	○	80-89	I	C/W	980 lm	790 lm	L80 B10 50000 h	815710864002	1.60 kg
LED	13 W	3000 K	○	80-89	I	C/W	1100 lm	950 lm	L80 B10 50000 h	815711263002	1.60 kg
LED	13 W	4000 K	○	80-89	I	C/W	1330 lm	1070 lm	L80 B10 50000 h	815711264002	1.60 kg
LED	20 W	3000 K	○	80-89	I	C/W	1600 lm	1230 lm	L80 B10 50000 h	815711863002	1.60 kg
LED	20 W	4000 K	○	80-89	I	C/W	1780 lm	1430 lm	L80 B10 50000 h	815711864002	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	1950 lm	1550 lm	L80 B10 50000 h	815712363002	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2170 lm	1730 lm	L80 B10 50000 h	815712364002	1.60 kg

Accessories

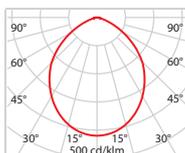
DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80302001



80302001

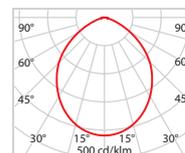
Photometrics

h [m]	E [lx]	∅ [m]
0.5	2724	1.07
1.0	681	2.14
1.5	303	3.22
2.0	170	4.29
2.5	109	5.36
↔ 2 x 47.0°		



LED 1 x 20 W, 4000 K
 Half-value angle 2 x 47/47°
 UGR 24,7 / 24,7
 Luminance 22680 cd/m² (γ ≥ 65°)
 Efficiency 72 lm/W

h [m]	E [lx]	∅ [m]
0.5	3279	1.08
1.0	820	2.16
1.5	364	3.24
2.0	205	4.32
2.5	131	5.40
↔ 2 x 47.2°		

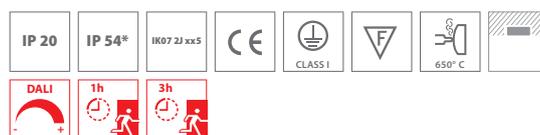
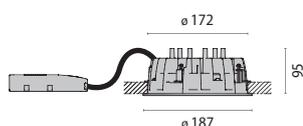


LED 1 x 26 W, 4000 K
 Half-value angle 2 x 47/47°
 UGR 25,4 / 25,4
 Luminance 27450 cd/m² (γ ≥ 65°)
 Efficiency 67 lm/W

DLSB185 LED OPAL COVER - 95 mm

Recessed round LED downlight for indoors, consisting of:

- Multi-purpose die-cast aluminium housing combines all functions: heat-sinking, ceiling trim, ceiling brackets and gear tray connection
- Light-tight housing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- Protection class IP54* (for light emission surface for installation in closed ceilings)



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1140 lm	840 lm	L80 B10 50000 h	818710833001	1.40 kg
LED	10 W	4000 K	○	80-89	I	C/W	1230 lm	860 lm	L80 B10 50000 h	818710834001	1.40 kg
LED	13 W	3000 K	○	80-89	I	C/W	1620 lm	1140 lm	L80 B10 50000 h	818711233001	1.40 kg
LED	13 W	4000 K	○	80-89	I	C/W	1700 lm	1190 lm	L80 B10 50000 h	818711234001	1.40 kg
LED	19 W	3000 K	○	80-89	I	C/W	2160 lm	1520 lm	L80 B10 50000 h	818711633001	1.40 kg
LED	19 W	4000 K	○	80-89	I	C/W	2280 lm	1600 lm	L80 B10 50000 h	818711634001	1.40 kg
LED	29 W	3000 K	○	80-89	I	C/W	2830 lm	1990 lm	L80 B10 50000 h	818712433001	1.40 kg
LED	29 W	4000 K	○	80-89	I	C/W	2930 lm	2090 lm	L80 B10 50000 h	818712434001	1.40 kg
LED	35 W	3000 K	○	80-89	I	C/W	3400 lm	2380 lm	L80 B10 50000 h	818713333001	1.40 kg
LED	35 W	4000 K	○	80-89	I	C/W	3670 lm	2560 lm	L80 B10 50000 h	818713334001	1.40 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1140 lm	840 lm	L80 B10 50000 h	818710833003	1.90 kg
LED	10 W	4000 K	○	80-89	I	C/W	1230 lm	860 lm	L80 B10 50000 h	818710834003	1.90 kg
LED	13 W	3000 K	○	80-89	I	C/W	1620 lm	1140 lm	L80 B10 50000 h	818711233003	1.90 kg
LED	13 W	4000 K	○	80-89	I	C/W	1700 lm	1190 lm	L80 B10 50000 h	818711234003	1.90 kg
LED	19 W	3000 K	○	80-89	I	C/W	2160 lm	1520 lm	L80 B10 50000 h	818711633003	1.90 kg
LED	19 W	4000 K	○	80-89	I	C/W	2280 lm	1600 lm	L80 B10 50000 h	818711634003	1.90 kg
LED	29 W	3000 K	○	80-89	I	C/W	2830 lm	1990 lm	L80 B10 50000 h	818712433003	1.90 kg
LED	29 W	4000 K	○	80-89	I	C/W	2930 lm	2090 lm	L80 B10 50000 h	818712434003	1.90 kg
LED	35 W	3000 K	○	80-89	I	C/W	3400 lm	2380 lm	L80 B10 50000 h	818713333003	1.90 kg
LED	35 W	4000 K	○	80-89	I	C/W	3670 lm	2560 lm	L80 B10 50000 h	818713334003	1.90 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1140 lm	840 lm	L80 B10 50000 h	818710833002	1.90 kg
LED	10 W	4000 K	○	80-89	I	C/W	1230 lm	860 lm	L80 B10 50000 h	818710834002	1.90 kg
LED	13 W	3000 K	○	80-89	I	C/W	1620 lm	1140 lm	L80 B10 50000 h	818711233002	1.90 kg
LED	13 W	4000 K	○	80-89	I	C/W	1700 lm	1190 lm	L80 B10 50000 h	818711234002	1.90 kg
LED	19 W	3000 K	○	80-89	I	C/W	2160 lm	1520 lm	L80 B10 50000 h	818711633002	1.90 kg
LED	19 W	4000 K	○	80-89	I	C/W	2280 lm	1600 lm	L80 B10 50000 h	818711634002	1.90 kg
LED	29 W	3000 K	○	80-89	I	C/W	2830 lm	1990 lm	L80 B10 50000 h	818712433002	1.90 kg
LED	29 W	4000 K	○	80-89	I	C/W	2930 lm	2090 lm	L80 B10 50000 h	818712434002	1.90 kg
LED	35 W	3000 K	○	80-89	I	C/W	3400 lm	2380 lm	L80 B10 50000 h	818713333002	1.90 kg
LED	35 W	4000 K	○	80-89	I	C/W	3670 lm	2560 lm	L80 B10 50000 h	818713334002	1.90 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1140 lm	840 lm	L80 B10 50000 h	818710863001	1.40 kg
LED	10 W	4000 K	○	80-89	I	C/W	1230 lm	860 lm	L80 B10 50000 h	818710864001	1.40 kg
LED	13 W	3000 K	○	80-89	I	C/W	1620 lm	1140 lm	L80 B10 50000 h	818711263001	1.40 kg
LED	13 W	4000 K	○	80-89	I	C/W	1700 lm	1190 lm	L80 B10 50000 h	818711264001	1.40 kg
LED	19 W	3000 K	○	80-89	I	C/W	2160 lm	1520 lm	L80 B10 50000 h	818711663001	1.40 kg
LED	19 W	4000 K	○	80-89	I	C/W	2280 lm	1600 lm	L80 B10 50000 h	818711664001	1.40 kg
LED	29 W	3000 K	○	80-89	I	C/W	2830 lm	1990 lm	L80 B10 50000 h	818712463001	1.40 kg
LED	29 W	4000 K	○	80-89	I	C/W	2930 lm	2090 lm	L80 B10 50000 h	818712464001	1.40 kg
LED	35 W	3000 K	○	80-89	I	C/W	3400 lm	2380 lm	L80 B10 50000 h	818713363001	1.40 kg
LED	35 W	4000 K	○	80-89	I	C/W	3670 lm	2560 lm	L80 B10 50000 h	818713364001	1.40 kg

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI - emergency 1h - 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1140 lm	840 lm	L80 B10 50000 h	818710863003	1.90 kg
LED	10 W	4000 K	○	80-89	I	C/W	1230 lm	860 lm	L80 B10 50000 h	818710864003	1.90 kg
LED	13 W	3000 K	○	80-89	I	C/W	1620 lm	1140 lm	L80 B10 50000 h	818711263003	1.90 kg
LED	13 W	4000 K	○	80-89	I	C/W	1700 lm	1190 lm	L80 B10 50000 h	818711264003	1.90 kg
LED	19 W	3000 K	○	80-89	I	C/W	2160 lm	1520 lm	L80 B10 50000 h	818711663003	1.90 kg
LED	19 W	4000 K	○	80-89	I	C/W	2280 lm	1600 lm	L80 B10 50000 h	818711664003	1.90 kg
LED	29 W	3000 K	○	80-89	I	C/W	2830 lm	1990 lm	L80 B10 50000 h	818712463003	1.90 kg
LED	29 W	4000 K	○	80-89	I	C/W	2930 lm	2090 lm	L80 B10 50000 h	818712464003	1.90 kg
LED	35 W	3000 K	○	80-89	I	C/W	3400 lm	2380 lm	L80 B10 50000 h	818713363003	1.90 kg
LED	35 W	4000 K	○	80-89	I	C/W	3670 lm	2560 lm	L80 B10 50000 h	818713364003	1.90 kg
Power LED dimmable DALI - emergency 3h - 220-240 V / 50-60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1140 lm	840 lm	L80 B10 50000 h	818710863002	1.90 kg
LED	10 W	4000 K	○	80-89	I	C/W	1230 lm	860 lm	L80 B10 50000 h	818710864002	1.90 kg
LED	13 W	3000 K	○	80-89	I	C/W	1620 lm	1140 lm	L80 B10 50000 h	818711263002	1.90 kg
LED	13 W	4000 K	○	80-89	I	C/W	1700 lm	1190 lm	L80 B10 50000 h	818711264002	1.90 kg
LED	19 W	3000 K	○	80-89	I	C/W	2160 lm	1520 lm	L80 B10 50000 h	818711663002	1.90 kg
LED	19 W	4000 K	○	80-89	I	C/W	2280 lm	1600 lm	L80 B10 50000 h	818711664002	1.90 kg
LED	29 W	3000 K	○	80-89	I	C/W	2830 lm	1990 lm	L80 B10 50000 h	818712463002	1.90 kg
LED	29 W	4000 K	○	80-89	I	C/W	2930 lm	2090 lm	L80 B10 50000 h	818712464002	1.90 kg
LED	35 W	3000 K	○	80-89	I	C/W	3400 lm	2380 lm	L80 B10 50000 h	818713363002	1.90 kg
LED	35 W	4000 K	○	80-89	I	C/W	3670 lm	2560 lm	L80 B10 50000 h	818713364002	1.90 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80303001

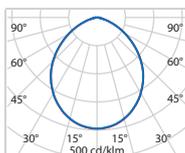


80303001

Photometrics

h [m]	E [lx]	∅ [m]
0,5	3732	1,11
1,0	933	2,23
1,5	415	3,34
2,0	233	4,45
2,5	149	5,56

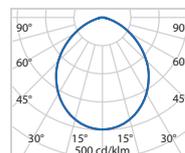
→ 2 x 48,1°



LED 1 x 29 W, 4000 K
 Half-value angle 2 x 48/48°
 UGR 24,4 / 24,4
 Luminance 23880 cd/m² (γ ≥ 65°)
 Efficiency 72 lm/W

h [m]	E [lx]	∅ [m]
0,5	4608	1,11
1,0	1152	2,22
1,5	512	3,33
2,0	288	4,43
2,5	184	5,54

→ 2 x 48,0°

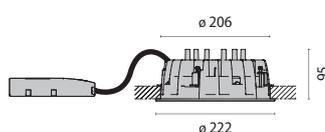


LED 1 x 35 W, 4000 K
 Half-value angle 2 x 48/48°
 UGR 25,1 / 25,2
 Luminance 29140 cd/m² (γ ≥ 65°)
 Efficiency 73 lm/W

DLSB220 LED OPAL COVER - 95 mm

Recessed round LED downlight for indoors, consisting of:

- Multi-purpose die-cast aluminium housing combines all functions: heat-sinking, ceiling trim, ceiling brackets and gear tray connection
- Light-tight housing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Excellent heat dissipation through die-cast aluminium heat sink with FAST (Flexible Air Stream) Technology
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Complete with electric converter
- Protection class IP54* (for light emission surface for installation in closed ceilings)



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	13 W	3000 K	○	80-89	I	C/W	1500 lm	1220 lm	L80 B10 50000 h	822720533001	2.00 kg
LED	14 W	4000 K	○	80-89	I	C/W	1690 lm	1330 lm	L80 B10 50000 h	822720564001	2.00 kg
LED	18 W	3000 K	○	80-89	I	C/W	2070 lm	1630 lm	L80 B10 50000 h	822720833001	2.00 kg
LED	18 W	4000 K	○	80-89	I	C/W	2300 lm	1840 lm	L80 B10 50000 h	822720834001	2.00 kg
LED	27 W	3000 K	○	80-89	I	C/W	2920 lm	2200 lm	L80 B10 50000 h	822721233001	2.00 kg
LED	27 W	4000 K	○	80-89	I	C/W	3220 lm	2510 lm	L80 B10 50000 h	822721234001	2.00 kg
LED	40 W	3000 K	○	80-89	I	C/W	3770 lm	2850 lm	L80 B10 50000 h	822721733001	2.00 kg
LED	40 W	4000 K	○	80-89	I	C/W	4120 lm	3310 lm	L80 B10 50000 h	822721734001	2.00 kg
LED	52 W	3000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722333001	2.00 kg
LED	52 W	4000 K	○	80-89	I	C/W	5170 lm	4080 lm	L80 B10 50000 h	822722334001	2.00 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	13 W	3000 K	○	80-89	I	C/W	1500 lm	1220 lm	L80 B10 50000 h	822720533003	2.50 kg
LED	14 W	4000 K	○	80-89	I	C/W	1690 lm	1330 lm	L80 B10 50000 h	822720534003	2.50 kg
LED	18 W	3000 K	○	80-89	I	C/W	2070 lm	1630 lm	L80 B10 50000 h	822720833003	2.50 kg
LED	18 W	4000 K	○	80-89	I	C/W	2300 lm	1840 lm	L80 B10 50000 h	822720834003	2.50 kg
LED	27 W	3000 K	○	80-89	I	C/W	2920 lm	2200 lm	L80 B10 50000 h	822721233003	2.50 kg
LED	27 W	4000 K	○	80-89	I	C/W	3220 lm	2510 lm	L80 B10 50000 h	822721234003	2.50 kg
LED	40 W	3000 K	○	80-89	I	C/W	3770 lm	2850 lm	L80 B10 50000 h	822721733003	2.50 kg
LED	40 W	4000 K	○	80-89	I	C/W	4120 lm	3310 lm	L80 B10 50000 h	822721734003	2.50 kg
LED	52 W	3000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722333003	2.50 kg
LED	52 W	4000 K	○	80-89	I	C/W	5170 lm	4080 lm	L80 B10 50000 h	822722334003	2.50 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	13 W	3000 K	○	80-89	I	C/W	1500 lm	1220 lm	L80 B10 50000 h	822720533002	2.50 kg
LED	14 W	4000 K	○	80-89	I	C/W	1690 lm	1330 lm	L80 B10 50000 h	822720534002	2.50 kg
LED	18 W	3000 K	○	80-89	I	C/W	2070 lm	1630 lm	L80 B10 50000 h	822720833002	2.50 kg
LED	18 W	4000 K	○	80-89	I	C/W	2300 lm	1840 lm	L80 B10 50000 h	822720834002	2.50 kg
LED	27 W	3000 K	○	80-89	I	C/W	2920 lm	2200 lm	L80 B10 50000 h	822721233002	2.50 kg
LED	27 W	4000 K	○	80-89	I	C/W	3220 lm	2510 lm	L80 B10 50000 h	822721234002	2.50 kg
LED	40 W	3000 K	○	80-89	I	C/W	3770 lm	2850 lm	L80 B10 50000 h	822721733002	2.50 kg
LED	40 W	4000 K	○	80-89	I	C/W	4120 lm	3310 lm	L80 B10 50000 h	822721734002	2.50 kg
LED	52 W	3000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722333002	2.50 kg
LED	52 W	4000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722334002	2.50 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	13 W	3000 K	○	80-89	I	C/W	1500 lm	1220 lm	L80 B10 50000 h	822720563001	2.00 kg
LED	14 W	4000 K	○	80-89	I	C/W	1690 lm	1330 lm	L80 B10 50000 h	822720534001	2.00 kg
LED	18 W	3000 K	○	80-89	I	C/W	2070 lm	1630 lm	L80 B10 50000 h	822720863001	2.00 kg
LED	18 W	4000 K	○	80-89	I	C/W	2300 lm	1840 lm	L80 B10 50000 h	822720864001	2.00 kg
LED	27 W	3000 K	○	80-89	I	C/W	2920 lm	2200 lm	L80 B10 50000 h	822721263001	2.00 kg
LED	27 W	4000 K	○	80-89	I	C/W	3220 lm	2510 lm	L80 B10 50000 h	822721264001	2.00 kg
LED	40 W	3000 K	○	80-89	I	C/W	3770 lm	2850 lm	L80 B10 50000 h	822721763001	2.00 kg
LED	40 W	4000 K	○	80-89	I	C/W	4120 lm	3310 lm	L80 B10 50000 h	822721764001	2.00 kg
LED	52 W	3000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722363001	2.00 kg
LED	52 W	4000 K	○	80-89	I	C/W	5170 lm	4080 lm	L80 B10 50000 h	822722364001	2.00 kg

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED dimmable DALI - emergency 1h - 220-240 V / 50-60 Hz											
LED	13 W	3000 K	○	80-89	I	C/W	1500 lm	1220 lm	L80 B10 50000 h	822720563003	2.50 kg
LED	14 W	4000 K	○	80-89	I	C/W	1690 lm	1330 lm	L80 B10 50000 h	822720564003	2.50 kg
LED	18 W	3000 K	○	80-89	I	C/W	2070 lm	1630 lm	L80 B10 50000 h	822720863003	2.50 kg
LED	18 W	4000 K	○	80-89	I	C/W	2300 lm	1840 lm	L80 B10 50000 h	822720864003	2.50 kg
LED	27 W	3000 K	○	80-89	I	C/W	2920 lm	2200 lm	L80 B10 50000 h	822721263003	2.50 kg
LED	27 W	4000 K	○	80-89	I	C/W	3220 lm	2510 lm	L80 B10 50000 h	822721264003	2.50 kg
LED	40 W	3000 K	○	80-89	I	C/W	3770 lm	2850 lm	L80 B10 50000 h	822721763003	2.50 kg
LED	40 W	4000 K	○	80-89	I	C/W	4120 lm	3310 lm	L80 B10 50000 h	822721764003	2.50 kg
LED	52 W	3000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722363003	2.50 kg
LED	52 W	4000 K	○	80-89	I	C/W	5170 lm	4080 lm	L80 B10 50000 h	822722364003	2.50 kg
Power LED dimmable DALI - emergency 3h - 220-240 V / 50-60 Hz											
LED	13 W	3000 K	○	80-89	I	C/W	1500 lm	1220 lm	L80 B10 50000 h	822720563002	2.50 kg
LED	14 W	4000 K	○	80-89	I	C/W	1690 lm	1330 lm	L80 B10 50000 h	822720564002	2.50 kg
LED	18 W	3000 K	○	80-89	I	C/W	2070 lm	1630 lm	L80 B10 50000 h	822720863002	2.50 kg
LED	18 W	4000 K	○	80-89	I	C/W	2300 lm	1840 lm	L80 B10 50000 h	822720864002	2.50 kg
LED	27 W	3000 K	○	80-89	I	C/W	2920 lm	2200 lm	L80 B10 50000 h	822721263002	2.50 kg
LED	27 W	4000 K	○	80-89	I	C/W	3220 lm	2510 lm	L80 B10 50000 h	822721264002	2.50 kg
LED	40 W	3000 K	○	80-89	I	C/W	3770 lm	2850 lm	L80 B10 50000 h	822721763002	2.50 kg
LED	40 W	4000 K	○	80-89	I	C/W	4120 lm	3310 lm	L80 B10 50000 h	822721764002	2.50 kg
LED	52 W	3000 K	○	80-89	I	C/W	4590 lm	3510 lm	L80 B10 50000 h	822722363002	2.50 kg
LED	52 W	4000 K	○	80-89	I	C/W	5170 lm	4080 lm	L80 B10 50000 h	822722364002	2.50 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80303001

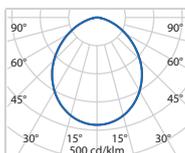


80303001

Photometrics

h [m]	E [lx]	∅ [m]
0,5	5711	1,13
1,0	1428	2,26
1,5	635	3,39
2,0	357	4,52
2,5	228	5,65

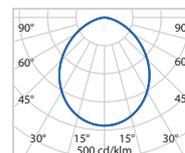
±2 x 48,5°



LED 1 x 40 W, 4000 K
 Half-value angle 2 x 49/49°
 UGR 24,9 / 24,8
 Luminance 28810 cd/m² (γ ≥ 65°)
 Efficiency 83 lm/W

h [m]	E [lx]	∅ [m]
0,5	7089	1,12
1,0	1772	2,24
1,5	788	3,37
2,0	443	4,49
2,5	284	5,61

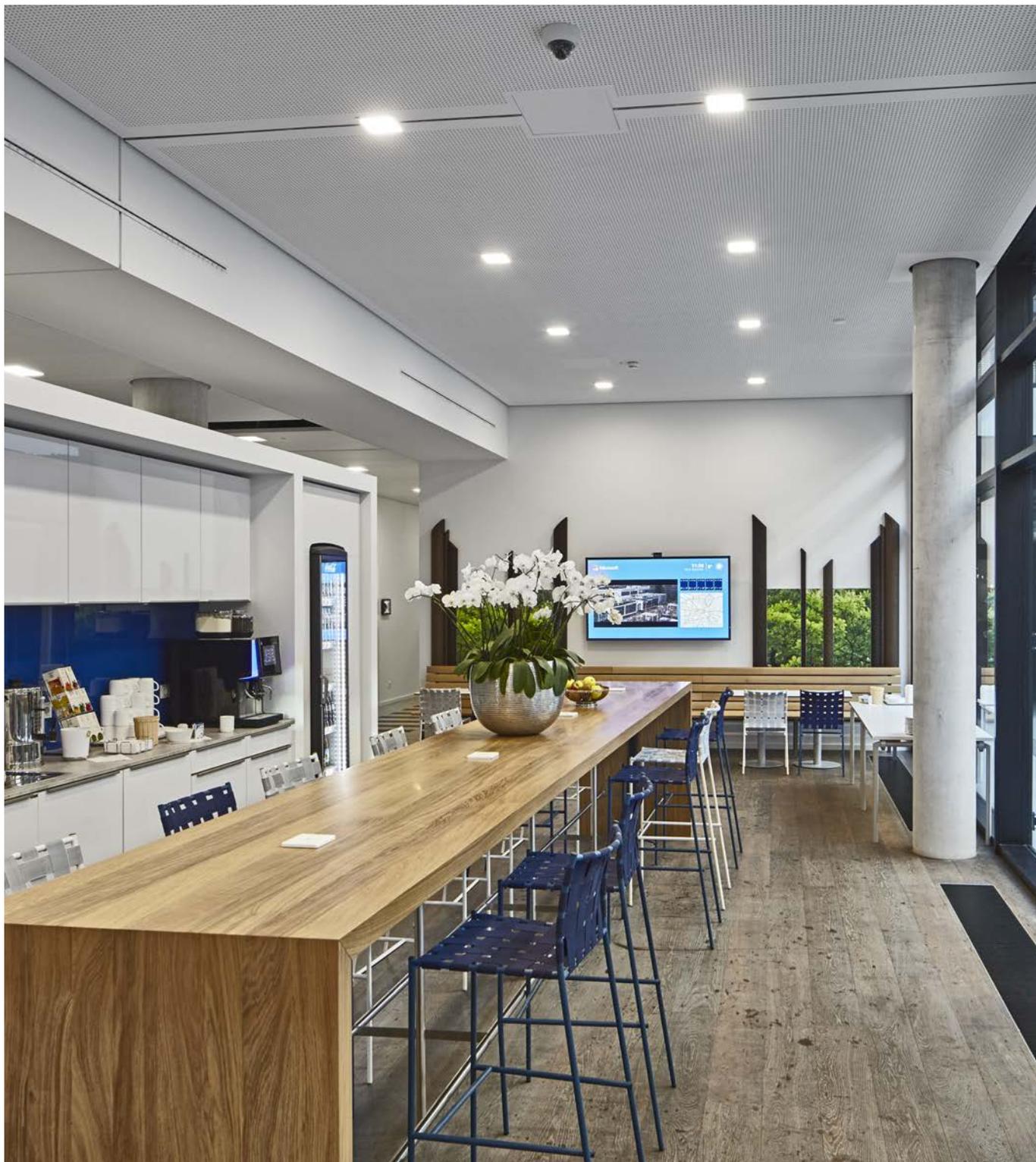
±2 x 48,3°



LED 1 x 52 W, 4000 K
 Half-value angle 2 x 48/48°
 UGR 25,6 / 25,6
 Luminance 35200 cd/m² (γ ≥ 65°)
 Efficiency 79 lm/W

DM LED

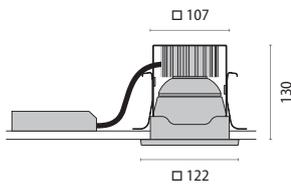
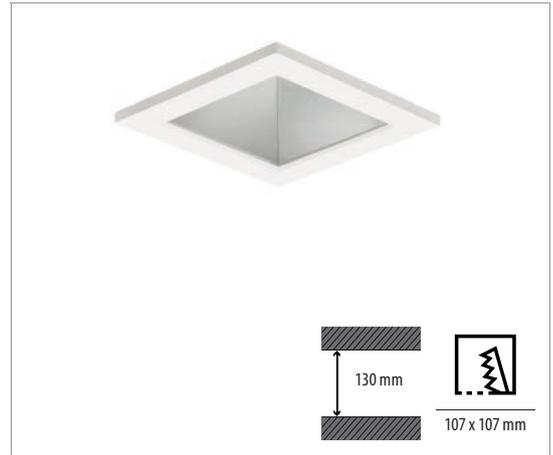
Our modular product families DM LED include a broad variety of cubic LED downlights in different sizes. The extensive selection of models, components, capacities, mounting depths and accessories, all of which can be replaced without tools, deliver an unparalleled degree of flexibility. Highly efficient LEDs and modern optics ensure an homogeneous lighting pattern, visual comfort and efficiency. Moreover, the standard PERFORMANCE IN LIGHTING downlights can be replaced with our latest generation entirely without tools thanks to the identical ceiling recesses. This is a crucial advantage when refurbishing a building.



DM130 LED OPAL COVER - 130 mm

Square modular recessed downlight for interior, comprising:

- Galvanized steel sheet housing
- Die-cast powder-coated aluminium modular frame. Toolless mounting with bayonet closing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- Modular reflector made of high-brilliant metalised pure aluminium (AL 99.98) for maximum efficiency and colour-neutral light reflection
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent dissipation through passive heat-sink
- Complete with external modular power supply unit
- Toolless mounting
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	10 W	3000 K	○	80-89	I	C/W	1000 lm	560 lm	L80 B10 50000 h	8130591093310	0.85 kg
LED	10 W	4000 K	○	80-89	I	C/W	1000 lm	560 lm	L80 B10 50000 h	8130591093410	0.85 kg
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591133310	0.95 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591133410	0.95 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591136310	0.95 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591136410	0.95 kg
Power LED emergency 1h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591133311	0.95 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591133411	0.95 kg
Power LED emergency 3h 220-240 V / 50-60 Hz											
LED	15 W	3000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591133312	0.95 kg
LED	15 W	4000 K	○	80-89	I	C/W	1300 lm	730 lm	L80 B10 50000 h	8130591133412	0.95 kg

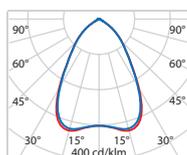
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Concrete casting drum	○	81302035
LightCAP fire protection hood	○	80302001
Frosted safety glass pane, IP54	○	8130900
Clear safety glass pane, IP54	○	8130901
Frosted glass pane with 10 mm clear outer rim, IP23	○	8130903
Frosted glass frame with 10 mm clear outer rim, IP23	○	8130904
Clear acrylic pane, IP54	○	8130912
Frosted acrylic pane, IP54	○	8130928



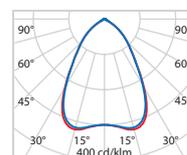
Photometrics

h [m]	E [lx]	∅ [m]
0.5	1366	0.69
1.0	342	1.38
1.5	152	2.07
2.0	85	2.76
2.5	55	3.45



LED 1 x 10 W, 4000 K
 Half-value angle 2 x 35/35°
 UGR 19,7 / 19,7
 Luminance 1930 cd/m² (γ ≥ 65°)
 Efficiency 56 lm/W

h [m]	E [lx]	∅ [m]
0.5	1759	0.69
1.0	440	1.38
1.5	195	2.08
2.0	110	2.77
2.5	70	3.46

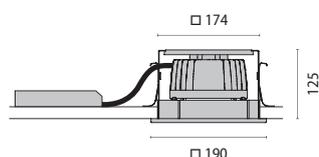


LED 1 x 15 W, 4000 K
 Half-value angle 2 x 35/35°
 UGR 20,6 / 20,6
 Luminance 2560 cd/m² (γ ≥ 65°)
 Efficiency 48 lm/W

DM190 LED OPAL COVER - 125 mm

Square modular recessed downlight for interior, comprising:

- Galvanized steel sheet housing
- Die-cast powder-coated aluminium modular frame. Toolless mounting with bayonet closing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM*
- Excellent dissipation with die-cast aluminium heat sink with FAST "Flexible Air Stream Technology"
- Complete with external modular power supply unit
- Toolless mounting
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



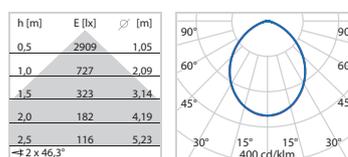
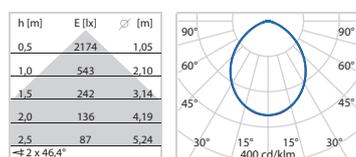
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	14 W	3000 K	○	80-89	I	C/W	1300 lm	870 lm	L80 B10 50000 h	8190291183310	1.60 kg
LED	14 W	4000 K	○	80-89	I	C/W	1400 lm	960 lm	L80 B10 50000 h	8190291183410	1.60 kg
LED	18 W	3000 K	○	80-89	I	C/W	1700 lm	1070 lm	L80 B10 50000 h	8190291263310	1.60 kg
LED	18 W	4000 K	○	80-89	I	C/W	1800 lm	1160 lm	L80 B10 50000 h	8190291263410	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	2100 lm	1460 lm	L80 B10 50000 h	8190291363310	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2200 lm	1550 lm	L80 B10 50000 h	8190291363410	1.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	14 W	3000 K	○	80-89	I	C/W	1300 lm	870 lm	L80 B10 50000 h	8190291186310	1.60 kg
LED	14 W	4000 K	○	80-89	I	C/W	1400 lm	960 lm	L80 B10 50000 h	8190291186410	1.60 kg
LED	18 W	3000 K	○	80-89	I	C/W	1700 lm	1070 lm	L80 B10 50000 h	8190291266310	1.60 kg
LED	18 W	4000 K	○	80-89	I	C/W	1800 lm	1160 lm	L80 B10 50000 h	8190291266410	1.60 kg
LED	26 W	3000 K	○	80-89	I	C/W	2100 lm	1460 lm	L80 B10 50000 h	8190291366310	1.60 kg
LED	26 W	4000 K	○	80-89	I	C/W	2200 lm	1550 lm	L80 B10 50000 h	8190291366410	1.60 kg

Accessories

DESCRIPTION	COLOUR/RAL	CODE
LightCAP fire protection hood	○	80303001
Concrete casting drum	○	81902037
Frosted safety glass pane, IP54	○	8190900
Clear safety glass pane, IP54	○	8190901
Frosted glass pane with 10 mm clear outer rim, IP23	○	8190903
Frosted glass frame with 10 mm clear outer rim, IP23	○	8190904
Clear acrylic pane, IP54	○	8190912
Frosted acrylic pane, IP54	○	8190928



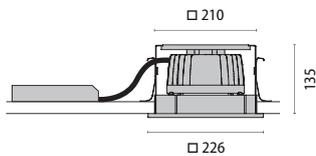
Photometrics



DM225 LED OPAL COVER - 135 mm

Square modular recessed downlight for interior, comprising:

- Galvanized steel sheet housing
- Die-cast powder-coated aluminium modular frame. Toolless mounting with bayonet closing
- Suitable for ceiling tile thickness from 1-25 mm
- Recessed frosted diffuser for optimal light distribution and high homogeneity
- White modular reflector, ABS injection-molded with light-tight connection of LED board
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Also dimmable via TouchDIM™
- Excellent dissipation with die-cast aluminium heat sink with FAST "Flexible Air Stream Technology"
- Complete with external modular power supply unit
- Toolless mounting
- Protection class IP44* (for light emission surface for installation in closed ceilings)
- Replaceable LED module
- Luminaires can be decorated at a later time without using tools



SOURCE	POWER	KELVIN	COLOUR/RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	18 W	3000 K	○	80-89	I	C/W	1900 lm	1440 lm	L80 B10 50000 h	8225292133310	2.10 kg
LED	18 W	4000 K	○	80-89	I	C/W	2100 lm	1570 lm	L80 B10 50000 h	8225292133410	2.10 kg
LED	26 W	3000 K	○	80-89	I	C/W	2600 lm	1990 lm	L80 B10 50000 h	8225292193310	2.10 kg
LED	26 W	4000 K	○	80-89	I	C/W	2800 lm	2170 lm	L80 B10 50000 h	8225292193410	2.10 kg
LED	37 W	3000 K	○	80-89	I	C/W	3100 lm	2590 lm	L80 B10 50000 h	8225292263310	2.10 kg
LED	37 W	4000 K	○	80-89	I	C/W	3400 lm	2800 lm	L80 B10 50000 h	8225292263410	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	18 W	3000 K	○	80-89	I	C/W	1900 lm	1440 lm	L80 B10 50000 h	8225292136310	2.10 kg
LED	18 W	4000 K	○	80-89	I	C/W	2100 lm	1570 lm	L80 B10 50000 h	8225292136410	2.10 kg
LED	26 W	3000 K	○	80-89	I	C/W	2600 lm	1990 lm	L80 B10 50000 h	8225292196310	2.10 kg
LED	26 W	4000 K	○	80-89	I	C/W	2800 lm	2170 lm	L80 B10 50000 h	8225292196410	2.10 kg
LED	37 W	3000 K	○	80-89	I	C/W	3100 lm	2590 lm	L80 B10 50000 h	8225292266310	2.10 kg
LED	37 W	4000 K	○	80-89	I	C/W	3400 lm	2800 lm	L80 B10 50000 h	8225292266410	2.10 kg

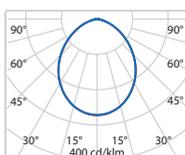
Accessories

DESCRIPTION	COLOUR/RAL	CODE
Concrete casting drum	○	82252037
LightCAP fire protection hood	○	80304001
Frosted safety glass pane, IP54	○	8225900
Clear safety glass pane, IP54	○	8225901
Frosted glass pane with 10 mm clear outer rim, IP23	○	8225903
Frosted glass frame with 10 mm clear outer rim, IP23	○	8225904
Clear acrylic pane, IP54	○	8225912
Frosted acrylic pane, IP54	○	8225928



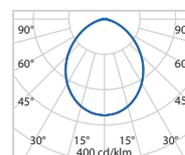
Photometrics

h [m]	E [lx]	∅ [m]
0.5	3937	1.06
1.0	984	2.13
1.5	437	3.19
2.0	246	4.25
2.5	157	5.32
→ ± 2 x 46,8°		



LED 2 x 26 W, 4000 K
 Half-value angle 2 x 47/47°
 UGR 23,0 / 22,9
 Luminance 16590 cd/m² (γ ≥ 65°)
 Efficiency 84 lm/W

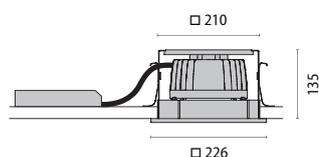
h [m]	E [lx]	∅ [m]
0.5	5069	1.07
1.0	1267	2.13
1.5	563	3.20
2.0	317	4.27
2.5	203	5.33
→ ± 2 x 46,9°		



LED 2 x 37 W, 4000 K
 Half-value angle 2 x 47/47°
 UGR 23,9 / 23,8
 Luminance 21370 cd/m² (γ ≥ 65°)
 Efficiency 76 lm/W

DM225 LED MATRIX - 135 mm

- Square modular recessed downlight for interior, comprising:
 - Galvanized steel sheet housing
 - Die-cast powder-coated aluminium modular frame. Toolless mounting with bayonet closing
 - Suitable for ceiling tile thickness from 1-25 mm
 - Reflector matrix made of high gloss aluminium die casting
 - VDU application suitable acc. to EN 12464-1
 - Colour rendering index Ra > 80
 - Colour tolerance according to MacAdam ≤ 3 SDCM
 - Also dimmable via TouchDIM*
 - Excellent dissipation with die-cast aluminium heat sink with FAST "Flexible Air Stream Technology"
 - Complete with external modular power supply unit
 - Toolless mounting
 - Protection class IP44* (for light emission surface for installation in closed ceilings)
 - Replaceable LED module
 - Luminaires can be decorated at a later time without using tools



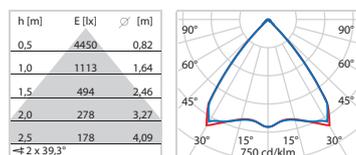
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	20 W	3000 K	○	80-89	I	C/W	1900 lm	1600 lm	L80 B10 50000 h	8225232093300	2.10 kg
LED	20 W	4000 K	○	80-89	I	C/W	2000 lm	1720 lm	L80 B10 50000 h	8225232093400	2.10 kg
LED	27 W	3000 K	○	80-89	I	C/W	2800 lm	2240 lm	L80 B10 50000 h	8225232143300	2.10 kg
LED	27 W	4000 K	○	80-89	I	C/W	2900 lm	2410 lm	L80 B10 50000 h	8225232143400	2.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	20 W	3000 K	○	80-89	I	C/W	1900 lm	1600 lm	L80 B10 50000 h	8225232096300	2.10 kg
LED	20 W	4000 K	○	80-89	I	C/W	2000 lm	1720 lm	L80 B10 50000 h	8225232096400	2.10 kg
LED	27 W	3000 K	○	80-89	I	C/W	2800 lm	2240 lm	L80 B10 50000 h	8225232146300	2.10 kg
LED	27 W	4000 K	○	80-89	I	C/W	2900 lm	2410 lm	L80 B10 50000 h	8225232146400	2.10 kg

Accessories

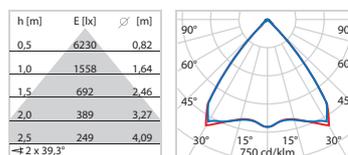
DESCRIPTION	COLOUR/RAL	CODE
Concrete casting drum	○	82252037
LightCAP fire protection hood	○	80304001



Photometrics



LED 2 x 20 W, 4000 K
 Half-value angle 2 x 39/39°
 UGR 18,2 / 18,2
 Luminance 860 cd/m² (γ ≥ 65°)
 Efficiency 86 lm/W

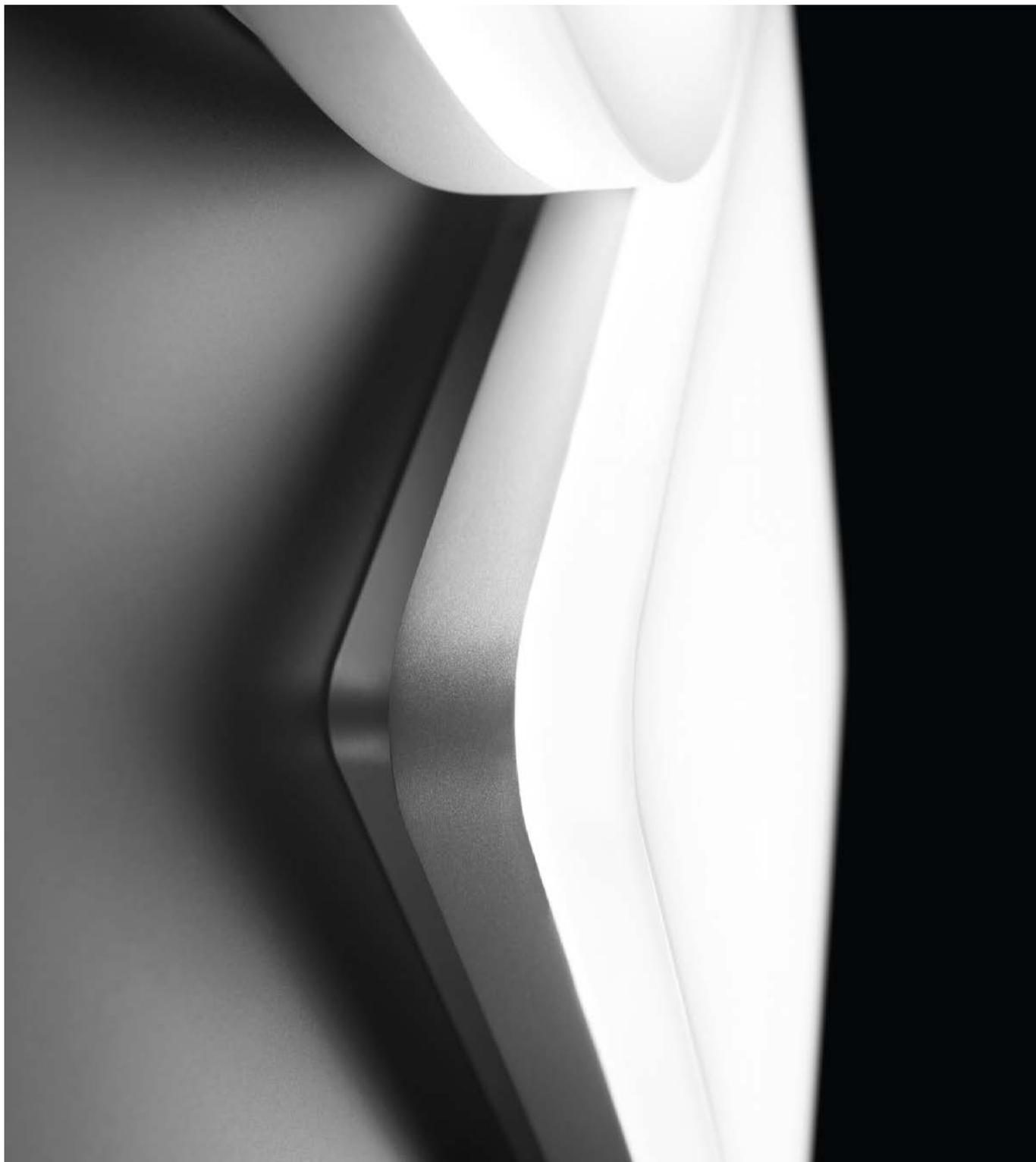


LED 2 x 27 W, 4000 K
 Half-value angle 2 x 39/39°
 UGR 19,4 / 19,4
 Luminance 1210 cd/m² (γ ≥ 65°)
 Efficiency 89 lm/W



WL SQUARE LED | WL ROUND LED

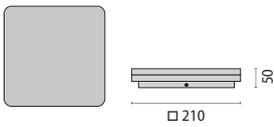
General lighting calls for product concepts that are as simple as they are convincing. PERFORMANCE IN LIGHTING markets the sophisticated WL SQUARE LED and WL ROUND LED luminaire series' in a timeless style to cater to these needs. A clear, geometric design vocabulary and a light-deflecting plastic lens characterise the overall look of the round and rectangular surface-mounted luminaires. The design ensures attractive and homogeneous light distribution throughout the room.



WL210 OPAL

Wall and ceiling mounted LED luminaire for indoors, comprising:

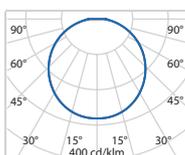
- ↳ technopolymer housing
- ↳ Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Complete with electric converter



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	17 W	3000 K	●	80-89	II	S/A	1800 lm	1290 lm	L80 B10 50000 h	8210391153330	0.90 kg
LED	17 W	4000 K	●	80-89	II	S/A	1950 lm	1410 lm	L80 B10 50000 h	8210391153430	0.90 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	1798	1,62
1.0	449	3,24
1.5	200	4,87
2.0	112	6,49
2.5	72	8,11
→ ± 2 x 58,4°		



LED 1 x 17 W, 4000 K
 Half-value angle 2 x 58/58°
 UGR 19,9 / 19,8
 Luminance 7720 cd/m² (γ ≥ 65°)
 Efficiency 83 lm/W

WL260 OPAL

Wall and ceiling mounted LED luminaire for indoors, comprising:

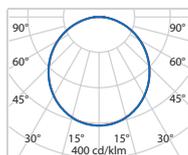
- ↪ Die-cast aluminium housing, powder-coated
- ↪ Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- ↪ Direct light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Complete with electric converter



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	29 W	3000 K	●	80-89	II	S/A	2825 lm	2020 lm	L80 B10 50000 h	8260391293330	1.62 kg
LED	29 W	4000 K	●	80-89	II	S/A	2950 lm	2130 lm	L80 B10 50000 h	8260391293430	1.62 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	2956	1.46
1.0	739	2.92
1.5	328	4.37
2.0	185	5.83
2.5	118	7.29
→ ±2 x 55.6°		

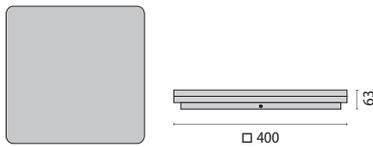


LED 1 x 29 W, 4000 K
 Half-value angle 2 x 56/56°
 UGR 20,2 / 20,2
 Luminance 8280 cd/m² ($\gamma \geq 65^\circ$)
 Efficiency 73 lm/W

WL390 OPAL

Wall and ceiling mounted LED luminaire for indoors, comprising:

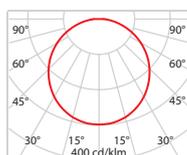
- ↳ technopolymer housing
- ↳ Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- ↳ Direct light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Complete with electric converter



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	42 W	3000 K	●	80-89	II	S/A	4900 lm	3570 lm	L80 B10 50000 h	8390391383330	2.80 kg
LED	42 W	4000 K	●	80-89	II	S/A	5300 lm	3810 lm	L80 B10 50000 h	8390391383430	2.80 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	5146	1,54
1,0	1287	3,08
1,5	572	4,62
2,0	322	6,16
2,5	206	7,70
→ ± 2 x 57,0°		

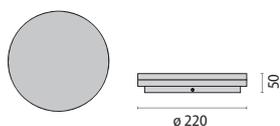


LED 1 x 42 W, 4000 K
 Half-value angle 2 x 57/57°
 UGR 19,4 / 19,4
 Luminance 6640 cd/m² (γ ≥ 65°)
 Efficiency 91 lm/W

WL220 OPAL

Wall and ceiling mounted LED luminaire for indoors, comprising:

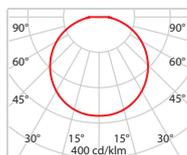
- ↪ technopolymer housing
- ↪ Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- ↪ Direct light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Complete with electric converter



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	17 W	3000 K	●	80-89	II	S/A	1800 lm	1290 lm	L80 B10 50000 h	8220391153330	0.90 kg
LED	17 W	4000 K	●	80-89	II	S/A	1950 lm	1390 lm	L80 B10 50000 h	8220391153430	0.90 kg

Photometrics

h [m]	E [lx]	\varnothing [m]
0.5	1758	1,68
1.0	439	3,37
1.5	195	5,05
2.0	110	6,74
2.5	70	8,42
↪ $2 \times 59,3^\circ$		

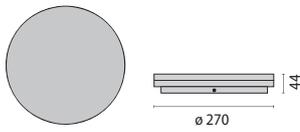


LED 1 x 17 W, 4000 K
 Half-value angle $2 \times 59/59^\circ$
 UGR 20,4 / 20,4
 Luminance 8660 cd/m² ($\gamma \geq 65^\circ$)
 Efficiency 82 lm/W

WL270 OPAL

Wall and ceiling mounted LED luminaire for indoors, comprising:

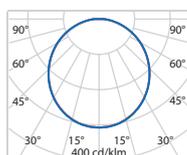
- ▭ Die-cast aluminium housing, powder-coated
- ▭ Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- ▭ Direct light distribution
- ▭ Colour rendering index Ra > 80
- ▭ Colour tolerance according to MacAdam ≤ 3 SDCM
- ▭ Complete with electric converter



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	29 W	3000 K	●	80-89	II	S/A	2825 lm	2100 lm	L80 B10 50000 h	8270391293330	1.55 kg
LED	29 W	4000 K	●	80-89	II	S/A	2950 lm	2110 lm	L80 B10 50000 h	8270391293430	1.55 kg

Photometrics

h [m]	E [lx]	∅ [m]
0,5	2934	1,46
1,0	734	2,93
1,5	326	4,39
2,0	183	5,85
2,5	117	7,32
→ ± 2 x 55,7°		

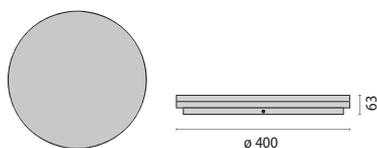


LED 1 x 29 W, 4000 K
 Half-value angle 2 x 56/56°
 UGR 20,7 / 20,7
 Luminance 9620 cd/m² (γ ≥ 65°)
 Efficiency 73 lm/W

WL400 OPAL

Wall and ceiling mounted LED luminaire for indoors, comprising:

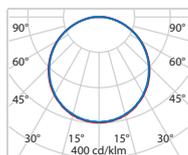
- ↪ technopolymer housing
- ↪ Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- ↪ Direct light distribution
- ↪ Colour rendering index Ra > 80
- ↪ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↪ Complete with electric converter



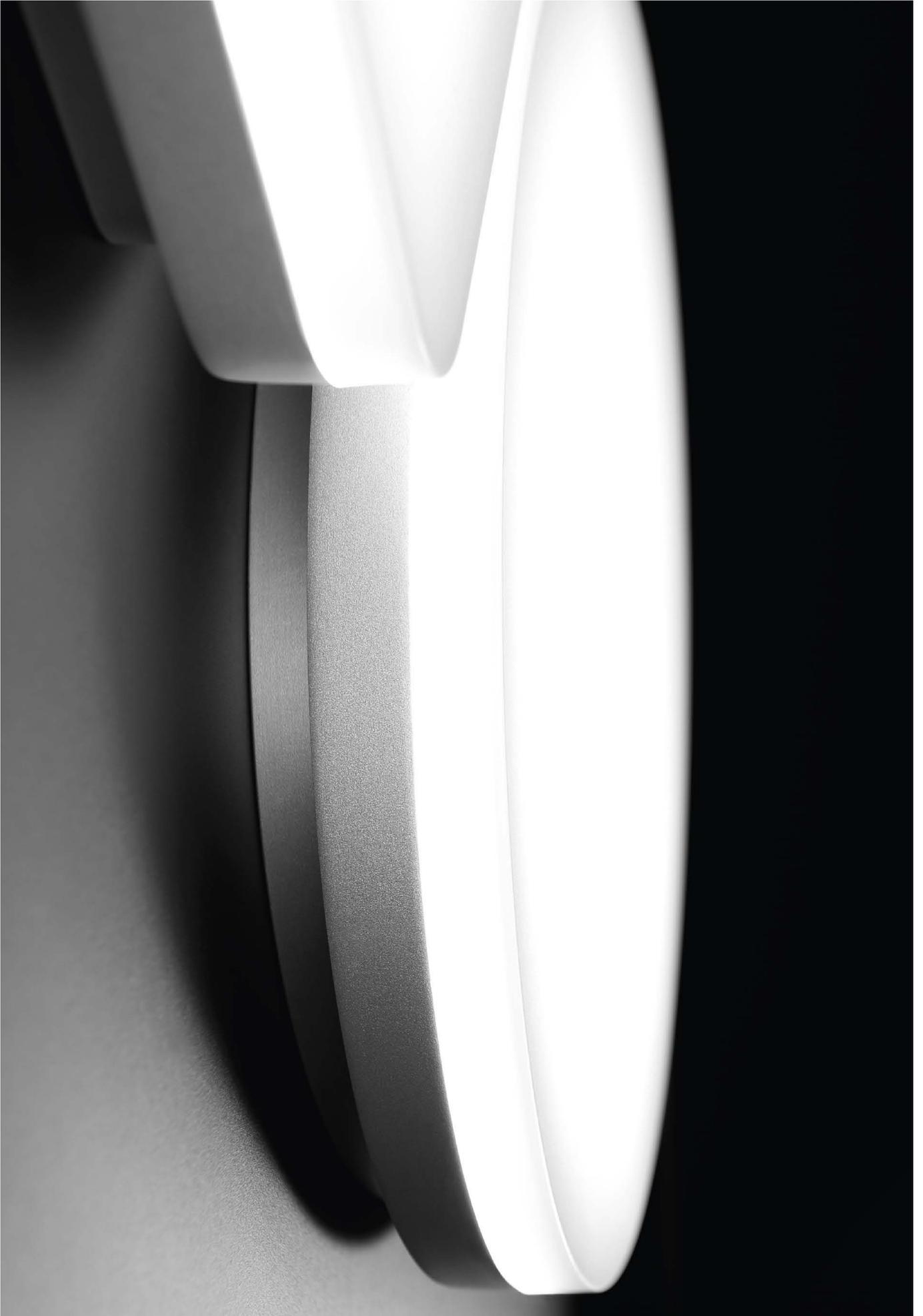
SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	42 W	3000 K	●	80-89	II	S/A	4900 lm	3480 lm	L80 B10 50000 h	8400391383330	2.80 kg
LED	42 W	4000 K	●	80-89	II	S/A	5300 lm	3860 lm	L80 B10 50000 h	8400391383430	2.80 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	5210	1.53
1.0	1302	3.05
1.5	579	4.58
2.0	326	6.10
2.5	208	7.63
→ ± 2 x 56.8°		



LED 1 x 42 W, 4000 K
 Half-value angle 2 x 57/57°
 UGR 20,4 / 20,5
 Luminance 10480 cd/m² (γ ≥ 65°)
 Efficiency 92 lm/W



KL375 LED | KL376 LED

PERFORMANCE IN LIGHTING is opening a new chapter in the history of lighting design by introducing the exquisitely designed KL376 LED and KL375 LED luminaires. The innovative wall and ceiling light fixtures blend advanced LED technology with geometric forms and transparent materials.

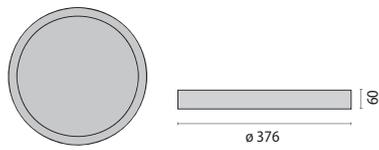
Their homogeneous light distribution and the transparent covers create the impression of free-floating light sources that guarantee a unique ambience throughout the room. The luminaire is available as round and rectangular models and for installation on walls or ceilings.



KL376 LED OPAL COVER

Wall and ceiling mounted LED luminaire for indoors, comprising:

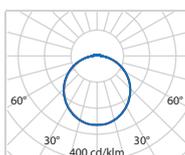
- Transparent PMMA housing
- Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Complete with electric converter
- AC/DC-ready



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	24 W	3000 K		80-89	II	S/A	3400 lm	2600 lm	L80 B10 50000 h	8376691223304	2.62 kg
LED	24 W	4000 K		80-89	II	S/A	3700 lm	2850 lm	L80 B10 50000 h	8376691223404	2.62 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3513	1.59
1.0	878	3.18
1.5	390	4.76
2.0	220	6.35
2.5	141	7.94
→ ± 2 x 57.8°		

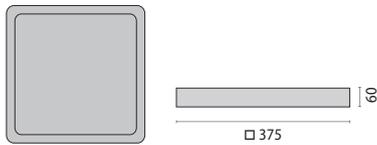


LED 24 W, 4000 K
 Half-value angle 2 x 58/58°
 UGR 18,4 / 18,4
 Luminance 5300 cd/m² (γ ≥ 65°)
 Efficiency 119 lm/W

KL375 LED OPAL COVER

Wall and ceiling mounted LED luminaire for indoors, comprising:

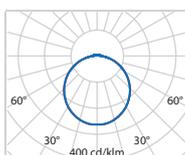
- Transparent PMMA housing
- Light orienting technopolymer optic for a homogenous light distribution over the entire area of the cover
- Predominantly direct light distribution
- Colour rendering index Ra > 80
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Complete with electric converter
- AC/DC-ready



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	24 W	3000 K		80-89	II	S/A	3400 lm	2600 lm	L80 B10 50000 h	8375691223304	2.62 kg
LED	24 W	4000 K		80-89	II	S/A	3700 lm	2850 lm	L80 B10 50000 h	8375691223404	2.62 kg

Photometrics

h [m]	E [lx]	∅ [m]
0.5	3193	1.56
1.0	798	3.13
1.5	355	4.69
2.0	200	6.25
2.5	128	7.82
→ ± 2 x 57.4°		



LED 24 W, 3000 K
 Half-value angle 2 x 57/58°
 UGR 17,3 / 17,4
 Luminance 4100 cd/m² (γ ≥ 65°)
 Efficiency 108 lm/W



SL740WL LED

The SL 740 wall luminaire is a timeless PERFORMANCE IN LIGHTING classic that offers high functionality in office environments and is particularly suited for innovative and comfortable office illumination. Its straightforward design lets this luminaire slip seamlessly into any setting. The slender form with characteristic circumferential and exclusive shadow gap is a unique feature of the design. Diffuse lighting produces a uniform level of basic brightness, while the luminaire appears to hover in the rooms thanks to special ceiling illumination (corona). Creating homogeneous light dispersion, the luminaire also accentuates the visual perception of horizontal and vertical ceiling sections.



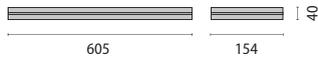
GR-RAL9006

WH-RAL9016

SL740WL LED MICROPRISMATIC COVER

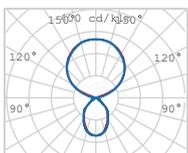
LED wall surface mounted luminaire for interior, including:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Special colour versions available upon request



SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	34 W	3000 K	○	80-89	I	S/D	3970 lm	3560 lm	L80 B10 50000 h	8740361363310	5.10 kg
LED	34 W	4000 K	○	80-89	I	S/D	4090 lm	3670 lm	L80 B10 50000 h	8740361363410	5.10 kg
LED	34 W	3000 K	●	80-89	I	S/D	3970 lm	3560 lm	L80 B10 50000 h	8740361363330	5.10 kg
LED	34 W	4000 K	●	80-89	I	S/D	4090 lm	3670 lm	L80 B10 50000 h	8740361363430	5.10 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	34 W	3000 K	○	80-89	I	S/D	3970 lm	3560 lm	L80 B10 50000 h	8740361366310	5.10 kg
LED	34 W	4000 K	○	80-89	I	S/D	4090 lm	3670 lm	L80 B10 50000 h	8740361366410	5.10 kg
LED	34 W	3000 K	●	80-89	I	S/D	3970 lm	3560 lm	L80 B10 50000 h	8740361366330	5.10 kg
LED	34 W	4000 K	●	80-89	I	S/D	4090 lm	3670 lm	L80 B10 50000 h	8740361366430	5.10 kg

Photometrics



LED 34 W, 4000 K
 Half-value angle 2 x 39/38°
 Luminance 2280 cd/m² (γ ≥ 65°)
 Efficiency 104 lm/W

NEW YORK WALL LED | NEW YORK WALL

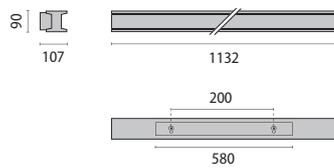
The NEW YORK wall luminaire is a high-quality light for flexible applications. A fascinating black and white photograph 'Lunch atop a skyscraper' provided inspiration here. The unique language of forms stands for urban lifestyle, stability and sustainability. The luminaire body consists of an aluminium profile in innovative 'LightTrail' design. A variety of optional optics create an appealing room atmosphere.



NEW YORK WALL LED OPAL COVER D/I

LED wall surface mounted luminaire for interior, including:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Special colour versions available upon request



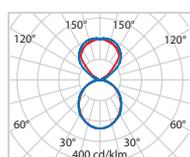
NEW YORK WALL LED OPAL COVER D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	72 W	3000 K	○	80-89	I	S/C	7480 lm	6550 lm	L80 B10 50000 h	8791391723310	3.60 kg
LED	72 W	4000 K	○	80-89	I	S/C	7670 lm	6750 lm	L80 B10 50000 h	8791391723410	3.60 kg
LED	72 W	3000 K	●	80-89	I	S/C	7480 lm	6550 lm	L80 B10 50000 h	8791391723330	3.60 kg
LED	72 W	4000 K	●	80-89	I	S/C	7670 lm	6750 lm	L80 B10 50000 h	8791391723430	3.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	72 W	3000 K	○	80-89	I	S/C	7480 lm	6550 lm	L80 B10 50000 h	8791391726310	3.60 kg
LED	72 W	4000 K	○	80-89	I	S/C	7670 lm	6750 lm	L80 B10 50000 h	8791391726410	3.60 kg
LED	72 W	3000 K	●	80-89	I	S/C	7480 lm	6550 lm	L80 B10 50000 h	8791391726330	3.60 kg
LED	72 W	4000 K	●	80-89	I	S/C	7670 lm	6750 lm	L80 B10 50000 h	8791391726430	3.60 kg

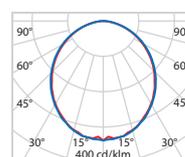
NEW YORK WALL LED OPAL COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	42 W	3000 K	○	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791391483310	3.60 kg
LED	42 W	4000 K	○	80-89	I	S/A	4800 lm	4050 lm	L80 B10 50000 h	8791391483410	3.60 kg
LED	53 W	3000 K	○	80-89	I	S/A	5800 lm	5070 lm	L80 B10 50000 h	8791391603310	4.30 kg
LED	53 W	4000 K	○	80-89	I	S/A	6100 lm	5350 lm	L80 B10 50000 h	8791391603410	4.30 kg
LED	42 W	3000 K	●	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791391483330	3.60 kg
LED	42 W	4000 K	●	80-89	I	S/A	4800 lm	4050 lm	L80 B10 50000 h	8791391483430	3.60 kg
LED	53 W	3000 K	●	80-89	I	S/A	5800 lm	5070 lm	L80 B10 50000 h	8791391603330	4.30 kg
LED	53 W	4000 K	●	80-89	I	S/A	6100 lm	5350 lm	L80 B10 50000 h	8791391603430	4.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	42 W	3000 K	○	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791391486310	3.60 kg
LED	42 W	4000 K	○	80-89	I	S/A	4800 lm	4050 lm	L80 B10 50000 h	8791391486410	3.60 kg
LED	53 W	3000 K	○	80-89	I	S/A	5800 lm	5070 lm	L80 B10 50000 h	8791391606310	4.30 kg
LED	53 W	4000 K	○	80-89	I	S/A	6100 lm	5350 lm	L80 B10 50000 h	8791391606410	4.30 kg
LED	42 W	3000 K	●	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791391486330	3.60 kg
LED	42 W	4000 K	●	80-89	I	S/A	4800 lm	4050 lm	L80 B10 50000 h	8791391486430	3.60 kg
LED	53 W	3000 K	●	80-89	I	S/A	5800 lm	5070 lm	L80 B10 50000 h	8791391606330	4.30 kg
LED	53 W	4000 K	●	80-89	I	S/A	6100 lm	5350 lm	L80 B10 50000 h	8791391606430	4.30 kg

Photometrics



LED 72W, 4000K
 direct 57% / indirect 43%
 Luminance 11580 cd/m² (γ ≥ 65°)
 Efficiency 94 lm/W

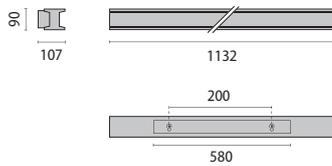


LED 53W, 4000K
 UGR 21,7 / 21,5
 Luminance 12720 cd/m² (γ ≥ 65°)
 Efficiency 101 lm/W

NEW YORK WALL LED MICROPRISMATIC D/I

LED wall surface mounted luminaire for interior, including:

- ↳ Extruded aluminium profile housing, die-cast aluminium end caps, painted
- ↳ Micro-prismatic diffuser for efficient light diffusion, glare reduction and a high uniformity
- ↳ Direct / indirect light distribution
- ↳ Colour rendering index Ra > 80
- ↳ Colour tolerance according to MacAdam ≤ 3 SDCM
- ↳ Also dimmable via TouchDIM*
- ↳ Special colour versions available upon request



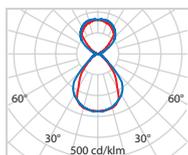
NEW YORK WALL LED MICROPRISMATIC D/I

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	72 W	3000 K	○	80-89	I	S/A	7480 lm	6270 lm	L80 B10 50000 h	8791361723310	3.60 kg
LED	72 W	4000 K	○	80-89	I	S/A	7670 lm	6470 lm	L80 B10 50000 h	8791361723410	3.60 kg
LED	72 W	3000 K	●	80-89	I	S/A	7480 lm	6270 lm	L80 B10 50000 h	8791361723330	3.60 kg
LED	72 W	4000 K	●	80-89	I	S/A	7670 lm	6470 lm	L80 B10 50000 h	8791361723430	3.60 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	72 W	3000 K	●	80-89	I	S/A	7480 lm	6270 lm	L80 B10 50000 h	8791361726330	3.60 kg
LED	72 W	4000 K	●	80-89	I	S/A	7670 lm	6470 lm	L80 B10 50000 h	8791361726430	3.60 kg
LED	72 W	3000 K	○	80-89	I	S/A	7480 lm	6270 lm	L80 B10 50000 h	8791361726310	3.60 kg
LED	72 W	4000 K	○	80-89	I	S/A	7670 lm	6470 lm	L80 B10 50000 h	8791361726410	3.60 kg

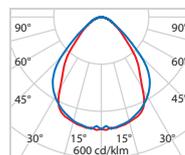
NEW YORK WALL LED MICROPRISMATIC COVER

SOURCE	POWER	KELVIN	COLOUR/ RAL	CRI/RA	CLASS	OPTIC	NOMINAL LUMEN OUTPUT	LUMINAIRE LUMINOUS FLUX	LIFETIME	CODE	WEIGHT
Power LED 220/240 V 50/60 Hz											
LED	42 W	3000 K	○	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791361483310	3.60 kg
LED	42 W	4000 K	○	80-89	I	S/A	4800 lm	3640 lm	L80 B10 50000 h	8791361483410	3.60 kg
LED	53 W	3000 K	○	80-89	I	S/A	5800 lm	4820 lm	L80 B10 50000 h	8791361603310	4.30 kg
LED	53 W	4000 K	○	80-89	I	S/A	6100 lm	5100 lm	L80 B10 50000 h	8791361603410	4.30 kg
LED	42 W	3000 K	●	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791361483330	3.60 kg
LED	42 W	4000 K	●	80-89	I	S/A	4800 lm	3640 lm	L80 B10 50000 h	8791361483430	3.60 kg
LED	53 W	3000 K	●	80-89	I	S/A	5800 lm	4820 lm	L80 B10 50000 h	8791361603330	4.30 kg
LED	53 W	4000 K	●	80-89	I	S/A	6100 lm	5100 lm	L80 B10 50000 h	8791361603430	4.30 kg
Power LED dimmable DALI 220-240 V / 50-60 Hz											
LED	42 W	3000 K	○	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791361486310	3.60 kg
LED	42 W	4000 K	○	80-89	I	S/A	4800 lm	3640 lm	L80 B10 50000 h	8791361486410	3.60 kg
LED	53 W	3000 K	○	80-89	I	S/A	5800 lm	4820 lm	L80 B10 50000 h	8791361606310	4.30 kg
LED	53 W	4000 K	○	80-89	I	S/A	6100 lm	5100 lm	L80 B10 50000 h	8791361606410	4.30 kg
LED	42 W	3000 K	●	80-89	I	S/A	4300 lm	3380 lm	L80 B10 50000 h	8791361486330	3.60 kg
LED	42 W	4000 K	●	80-89	I	S/A	4800 lm	3640 lm	L80 B10 50000 h	8791361486430	3.60 kg
LED	53 W	3000 K	●	80-89	I	S/A	5800 lm	4820 lm	L80 B10 50000 h	8791361606330	4.30 kg
LED	53 W	4000 K	●	80-89	I	S/A	6100 lm	5100 lm	L80 B10 50000 h	8791361606430	4.30 kg

Photometrics



LED 72W, 4000K
direct 55% / indirect 45%
Luminance 4490 cd/m² (γ ≥ 65°)
Efficiency 90 lm/W



LED 53W, 4000K
UGR 19,6 / 18,5
Luminance 6000 cd/m² (γ ≥ 65°)
Efficiency 96 lm/W

BK-RAL9005

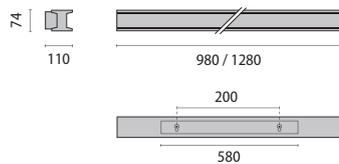
GR-RAL9006

WH-RAL9016

NEW YORK WALL B 2A

Indoor wall surface mount lighting fitting, comprising:

- Extruded aluminium profile housing, painted
- Die-cast aluminium profile wall mounting, painted
- Opal PMMA diffuser for optimal light diffusion and a high light uniformity
- Direct / indirect light distribution
- Separate operation of direct and indirect lighting



NEW YORK WALL UP

SOCKET	POWER	COLOUR/RAL	CLASS	OPTIC	CODE	WEIGHT
Fluorescent lamps - electronic ballast 220/240V 50/60 Hz						
G5	1 x 39 W	○	I	S/C	3022055	3.80 kg
G5	1 x 54 W	○	I	S/C	3022085	4.40 kg
G5	1 x 39 W	●	I	S/C	3022065	3.80 kg
G5	1 x 54 W	●	I	S/C	3022095	4.40 kg
G5	1 x 39 W	●	I	S/C	3022075	3.80 kg
G5	1 x 54 W	●	I	S/C	3022105	4.40 kg

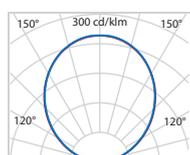
NEW YORK WALL B

SOCKET	POWER	COLOUR/RAL	CLASS	OPTIC	CODE	WEIGHT
Fluorescent lamps - electronic ballast 220/240V 50/60 Hz						
G5	2 x 39 W	○	I	S/C	3022115	3.90 kg
G5	2 x 54 W	○	I	S/C	3022145	4.50 kg
G5	2 x 39 W	●	I	S/C	3022125	3.90 kg
G5	2 x 54 W	●	I	S/C	3022155	4.50 kg
G5	2 x 39 W	●	I	S/C	3022135	3.90 kg
G5	2 x 54 W	●	I	S/C	3022165	4.50 kg

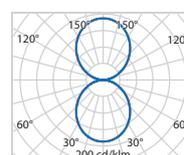
NEW YORK WALL B 2A

SOCKET	POWER	COLOUR/RAL	CLASS	OPTIC	CODE	WEIGHT
Fluorescent lamps - electronic ballast 220/240V 50/60 Hz						
G5	2 x 39 W	○	I	S/C	3024025	5,3 kg
G5	2 x 54 W	○	I	S/C	3024055	5,9 kg
G5	2 x 39 W	●	I	S/C	3024035	5,3 kg
G5	2 x 54 W	●	I	S/C	3024065	5,9 kg
G5	2 x 39 W	●	I	S/C	3024045	5,3 kg
G5	2 x 54 W	●	I	S/C	3024075	5,9 kg

Photometrics



T5 1 x 54 W
direct 0% / indirect 100%
Luminance 0 cd/m² (γ ≥ 65°)
Light output ratio 76%



T5 2 x 54 W
direct 50% / indirect 50%
Luminance 8320 cd/m² (γ ≥ 65°)
Light output ratio 73%

CUSTOMISED

CUSTOMISED LIGHTING





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VERONA
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ARENA MUSEO OPERA

IN VERONA, ITALY





The arena in Verona is the third largest antique amphitheatre still standing today. Now it is a venue for opera performances to capacity audiences of 22,000. It is situated opposite a museum that documents the history of opera performances in the historic arena. Interested visitors can marvel at valuable documents, photographs, letters and costumes. The lighting concept here ensures effective illumination of delicate exhibits in a context with

opera performances. A focus on the essentials; dramatic lighting effects and gentle treatment of the exhibit: the AS32 spotlights are perfectly equipped to fulfil these specifications. Luminous flux to 7000lm, power levels up to 85W power and three different beam angles provide plenty of leeway for creative light planning.

BOULEVARD

IN BERLIN



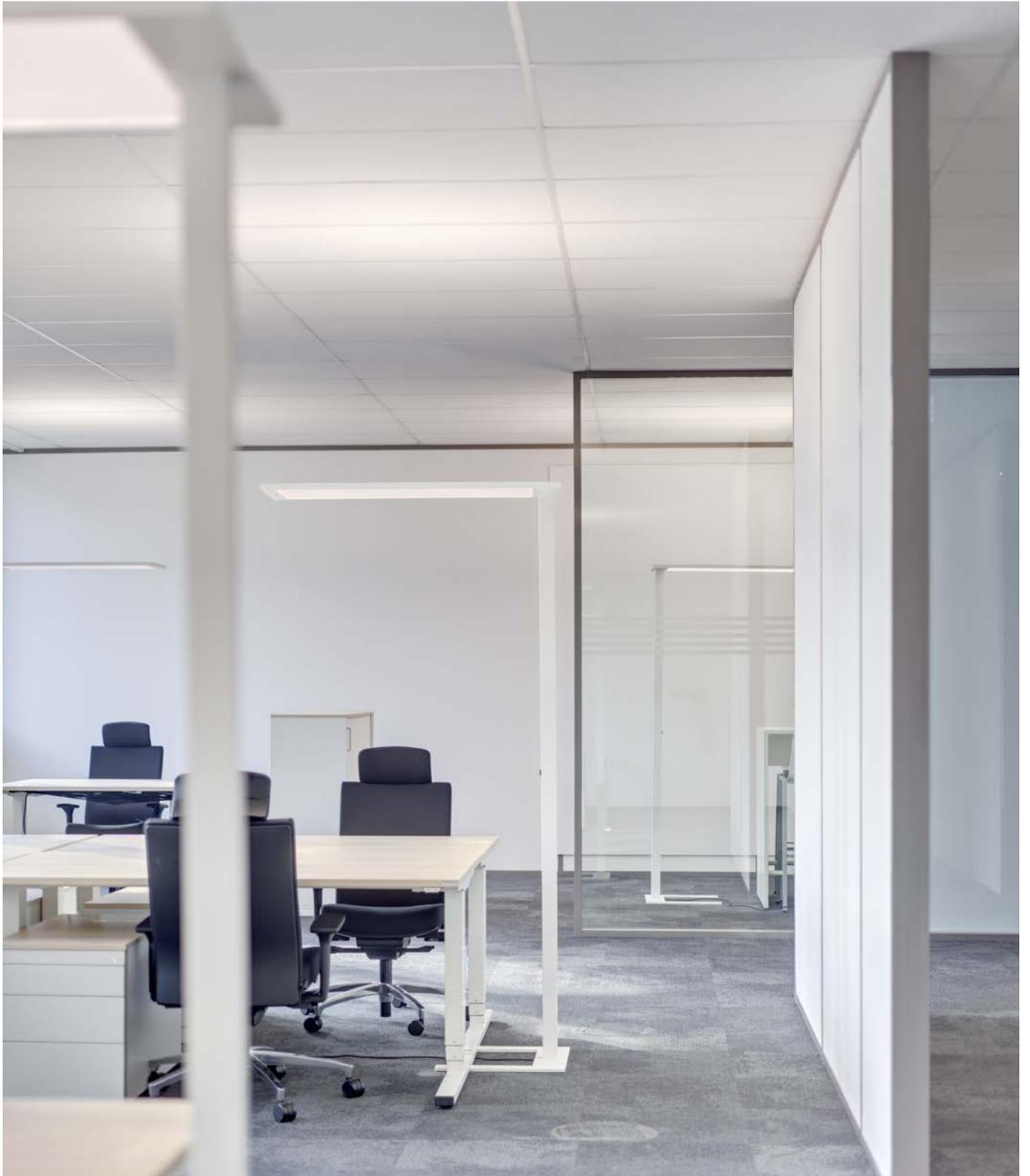


Visitors to the Boulevard Berlin are impressed by the unique lighting concept in particular. Coved lighting fitted to each floor of the building in three staggered rows creates planar illumination throughout the entire entrance hall. The specially developed reflector seems to guide the light into the substance of the brightly lit ceiling. Not only does this conjure a more luminous touch on to the ceilings, it also bounces even portions of light back down into the aisle zones. The LED luminaires backlighting the vertical panel walls produce pleasant illumination, immediately drawing the visitors' attention to the shop windows.

The vertical light surfaces lend the room a richly enticing glow and serve as a connecting link between the individual floors of the building. The retro-style escalator from the former Wertheim department store, now trundling away in Boulevard Berlin, is yet another highlight of the overall design. The even illumination spreading up from below gives the historical assembly a more refined look, while the beams pouring through from the strip lighting installed behind the punched brass plating to backlight the escalator contribute to an almost festive atmosphere.

ITV CITY

IN WOLFSBURG





Volkswagen AG has constructed a new office building to concentrate the capacities of IT and Sales on future-oriented technology, particularly "autonomous driving". Modern, open-plan office spaces have been created which are expected to form a creative and motivating working atmosphere for over 1000 employees. The design is based on maximum flexibility in furnishing to create a range of new, ever-changing designs for organising the workplace. Only free-standing luminaires with special features are able to comply with this requirement and the photometric specifications. Performance in Lighting GmbH has

developed free standing lamps which illuminate the workplace and the surrounding area to conform with lighting directives. The SL720 free-standing luminaires have an extraordinarily high lumen output of approximately 20,000 lm. A comfortably lit atmosphere is created by combining the series with the high and wide indirect section. The large, brightly lit surfaces of the direct light section in the free-standing luminaire gives the impression of daylight.

Thanks mainly due to the users who actively contributed towards the design, the lamp concept has proven to be a great success.

MERCK

IN DARMSTADT





Merck is a leading company in the pharmaceutical and chemical industry, and is based in Darmstadt, Germany. As part of the restructure in the IT department, the new property was fitted with a tailored lighting concept from Performance in Lighting. Modern working environments require people and technology to work together. People are able to make use of the opportunities the technology available affords if it provides them with creative freedom. Light plays an important role because visual tasks carried out at workplaces on screens are absolutely essential to the work. Two key criteria of the lighting concept are to provide light for working and light for recuperation. Performance

in Lighting has implemented the concept required by using different types of lighting. SL720 LED free-standing luminaires in two power stages have been arranged on the desks. The high, indirect light section on the luminaire creates even lighting suitable for the workplace while drawing attention to the modern, open ceiling design. The various different work areas, such as think tanks, were fitted with flat, round, suspended luminaires from the FL333 LED series to emphasise the particular spatial dimensions. Overall, the concept proved to be motivating; a design characterised by the unity of a modern IT structure and smart LED lighting technology.

MICROSOFT

IN MUNICH





In October 2016, Microsoft opened its new company headquarters for Germany in Munich. The result: a completely new structure with plenty of innovative concepts across 26,000 m². "Smart workspace" refers to the symbiosis formed by merging the digital working world with human traits. This places emphasis on performance and motivation. A further approach entails creating a fluid transition between the work and private spheres. The "work-life flow" concept presents high standards when it comes to room design, which in turn makes the lighting concept challenging, a task Performance in Lighting is able

to master. The building contractor decided to install the SL713, a delicate suspended luminaire that blends seamlessly into the office zone design. In line with DIN EN 12464-1, the suspended luminaires are of course anti-glare. Linear SL787 profile luminaires have been integrated in the conference rooms with spot lights to accentuate the lighting atmosphere. The project is based on a range of ideas drawn from a continually evolving workplace in which people are considered the most key element.

PUBLIC UTILITIES COMPANY

IN LEHRTE





The public utilities company is an important provider that delivers basic services to 50,000 people living in Lehrte. Natural gas and electricity are among these products. It is only fitting that the new lighting concept places a particular focus on energy-efficiency and quality. The round LED surface luminaires by PERFORMANCE IN LIGHTING satisfy these requirements. Delivering luminous flux of 4800lm and efficiencies of 85lm/W, our luminaires offer premium technical values. The panel height of 11 mm ensures almost unnoticeable integration in the

acoustic ceiling. One of the benefits of round light fixtures is that they are omnidirectional; it follows that PERFORMANCE IN LIGHTING surface luminaires were designed for all building scenarios. Fitted with homogeneously radiant surface luminaires, the reception areas, conference rooms, break rooms and public zones all communicate a uniform ceiling look. The warm light colour in 3000K was installed to reflect the cosy shades of the interior design, creating a harmonious light ambience based on energy-efficient LED fixtures.

VETURI SHOPPING CENTRE

IN KOUVOLA, FINNLAND



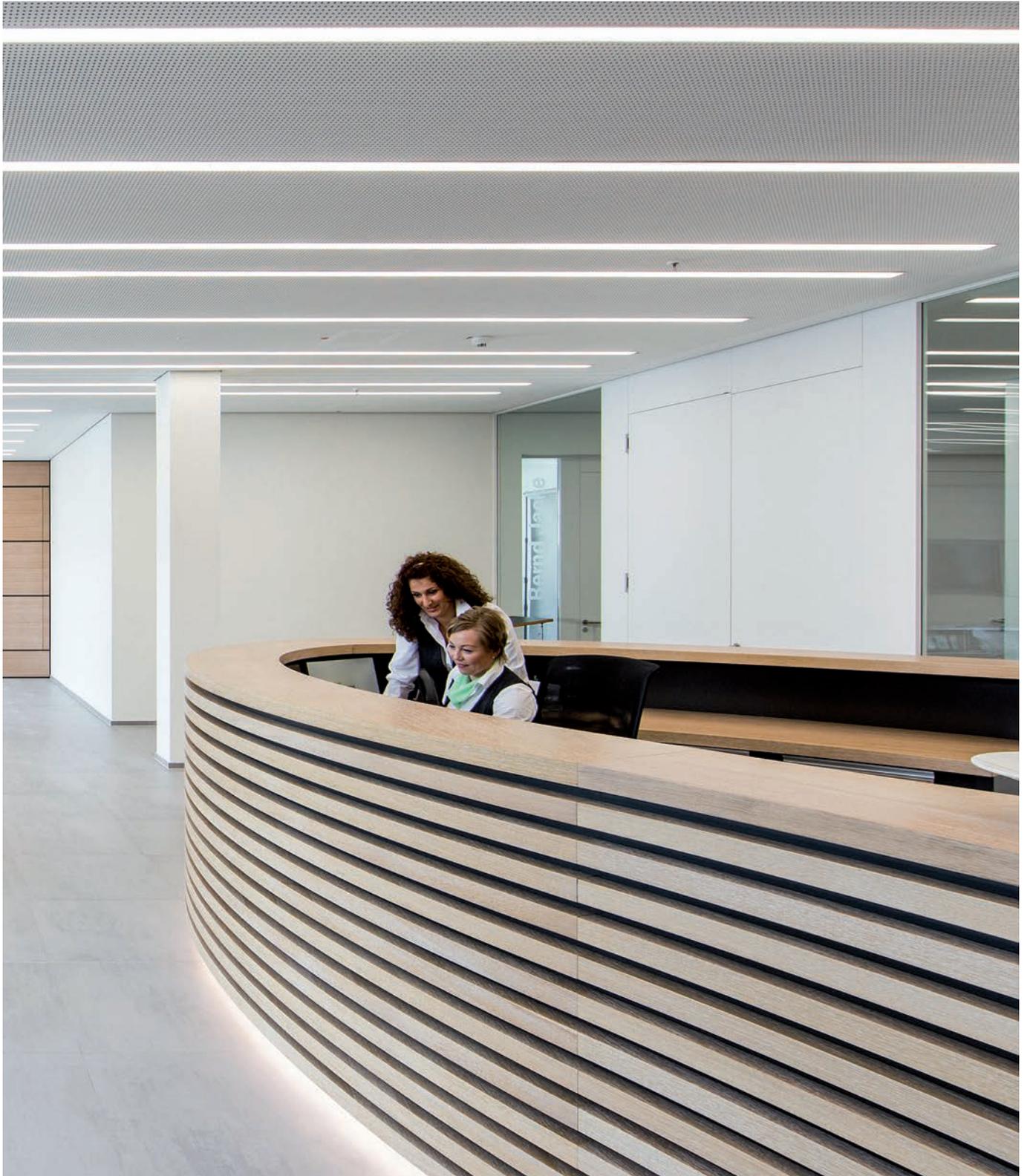


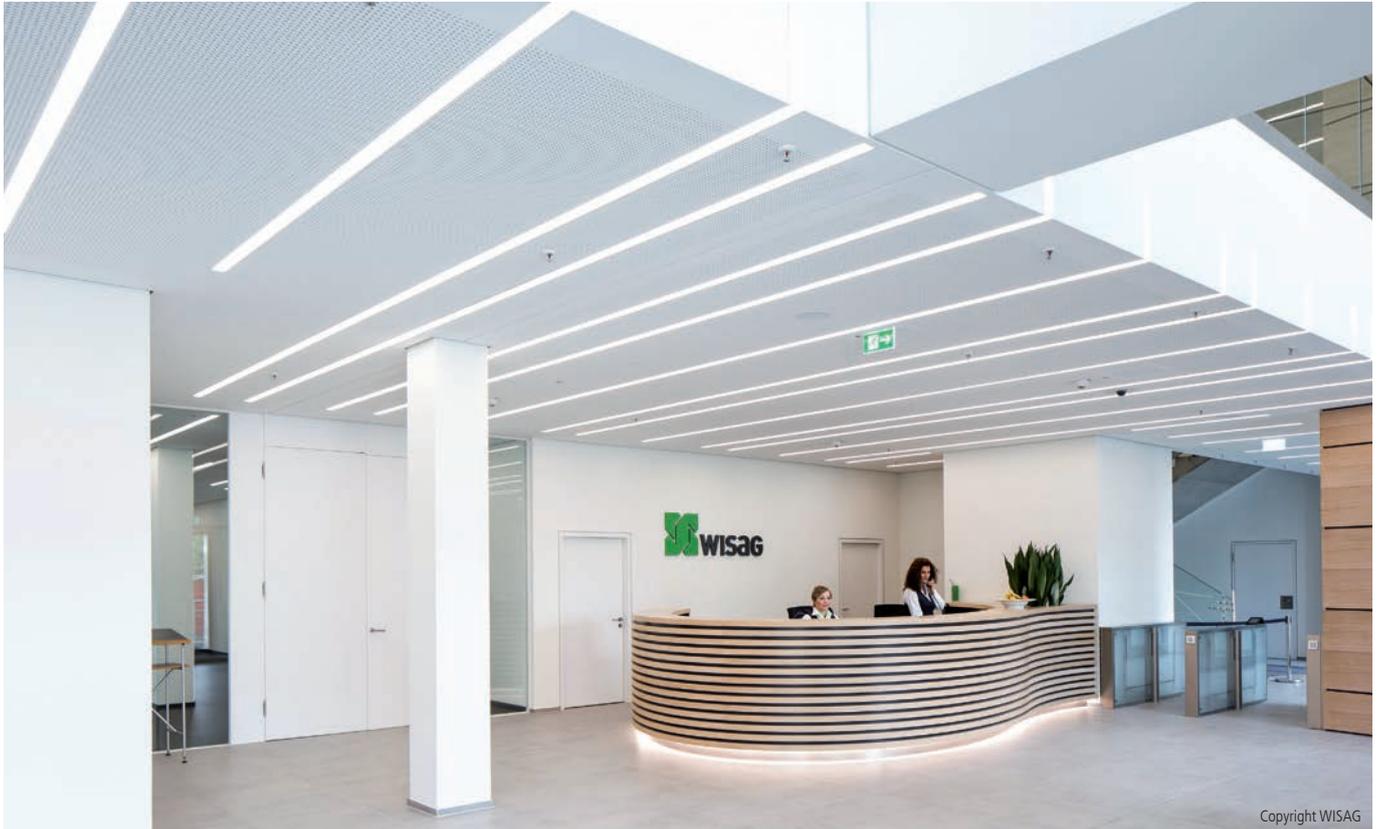
One of the country's largest shopping centres is located in the south for Finland. It has more than 80 shops and restaurants over a total of 48,000 m² and two levels. In terms of lighting there were demanding requirements with respect to the integration of the luminaires in the architecture. Lines have a binding and leading character. This is why the lighting was executed with the linear lighting system SL 787 by PERFORMANCE IN LIGHTING. This aluminium profile system

was used in various mounting techniques. Pendant, surface-mounted and recessed luminaires were employed as an individual lighting system. Of course highly efficient LEDs were used as a light source. The result is efficient lighting with a uniformly high quality of light. The luminaires make their contribution to the stimulating lighting atmosphere and are an integral part of the creative interior architecture.

WISAG HEADQUARTERS H3

IN FRANKFURT





Copyright WISAG



WISAG moved into its new company headquarters in Frankfurt at the end of June. The company completely revitalised the older property – a 10-storey high-rise with a 2-storey flat roof section – along ecological lines. It is now certified 'Excellent' according to the BREEAM DE system. The trendsetting light concept by PERFORMANCE IN LIGHTING makes a significant contribution here. The dominant theme of linear, flush-mounted LED luminaires pervades the interior lighting concept. The linear luminaires in the SL787 series with opal PMMA covers in a variety of lengths were playfully fitted to the suspended ceilings in the

reception area and the foyer, creating an impressive light ambience. Linear luminaires in the SL700 series are integrated within the grid profiles of the cooling ceiling with suspended metal panels in the office areas. Incorporating a sensor unit with daylight-sensitive presence detectors, the luminaires with microprismatic anti-glare feature according to DIN EN 12464-1 ensure that each workplace is perfectly illuminated throughout the day. Arranged in the corridors perpendicular to the walking directions, the luminaires help shorten the perception of distance and create a welcoming and communicative atmosphere.

LED Technology

PERFORMANCE IN LIGHTING has been very successfully using LEDs in its luminaires for some years now. Reason enough to dedicate a chapter exclusively to this illuminant technology. PERFORMANCE IN LIGHTING installs LEDs only from well-known and respected LED manufacturers. At this point, however, we would like to focus less on LED manufacturers, but rather take a look at the fundamentals of LED technology. In addition to many other positive characteristics that LEDs display in PERFORMANCE IN LIGHTING luminaires, LEDs also have a few general characteristics:

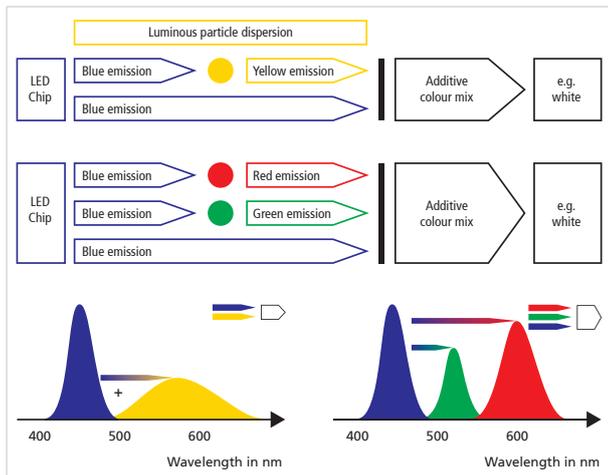
BENEFITS:

- No thermal stress due to IR radiation
➔ Food sector, people
- No UV radiation
➔ Museums, leather & fashion shops
- Luminaires become lukewarm at most
➔ Adjustable in operation
- Immediate restart at full power possible at any time
➔ Power failure, motion sensors
- Maintenance-free
- Mercury-free and thus simple to dispose of
- Impervious to vibration
- Steplessly dimmable without loss of light quality
- Flicker-free light

For a better understanding of LEDs, a few basics are explained in more detail below:

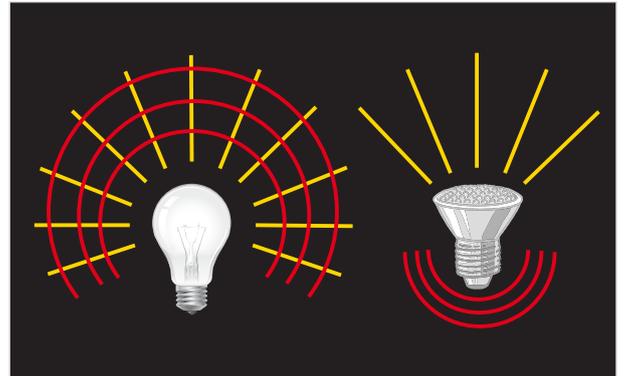
White Light Generation

White LEDs as manufactured today are based on a blue LED overlaid with a yellow-emitting luminescent material. The two complementary colours in the blue and yellow range then produce the LED's white light. The three basic colours blue, red and green also produce white when mixed, although with lower efficiency.



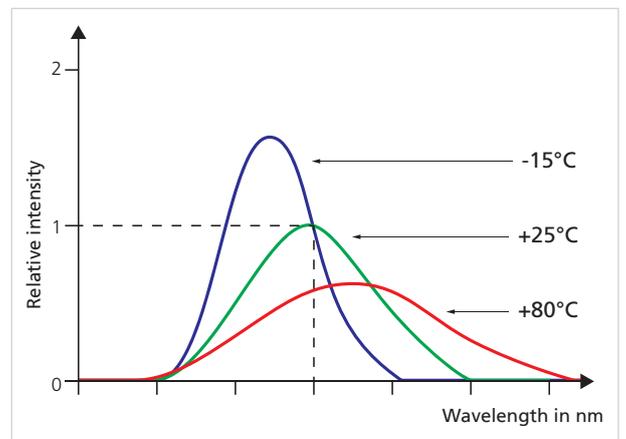
Thermal Behaviour

Although the LED is a very efficient illuminant, nevertheless approx. 30% of its performance is transformed into heat. This heat however arises almost exclusively on the LED mounting surface and is not emitted in the direction of the light.



With conventional light sources, light and heat are radiated in all directions. In conjunction with a reflector, this can lead to high temperatures on the irradiated surface. LEDs emit light, but no UV or IR radiation in the direction of the lit surface. Upwards of a total output of approx. 40 W in an LED point module, active cooling is necessary. This cooling is done by a fan.

Linear LED modules and panel LED modules can be cooled passively even at higher system outputs. Increasing temperature also alters other relevant parameters of the LED. Thus the luminous flux of the LED decreases with increasing temperature.

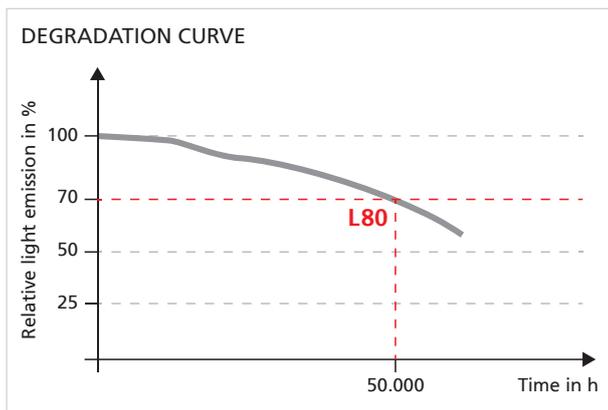


The result of this is that the luminous flux does not increase linearly with the operating current, since with a higher operating current, the LED also reaches a higher temperature and a lower service life must therefore be expected.

LED Technology

Service Life

The service life indicates the time in which the mean luminous flux of a luminaire (an LED) has fallen to a certain value. After this time, the LED will continue to glow, however, so that a failure of all LEDs need not necessarily be assumed.

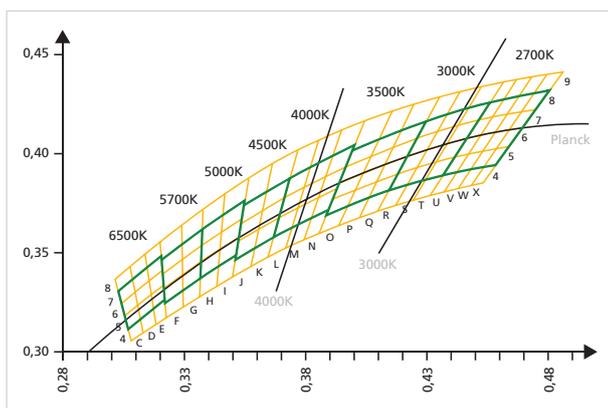


In this example (L80B10) the LED still has 80% of its luminous flux after 50,000 h. These values can be changed, but the L80B10 value has established itself as a standard.

When used in a showroom (3,000 h/year) this is equivalent to a service life of 16 years' operation. During this time no maintenance needs to be carried out on the illuminant.

Binning

LEDs are classified in so-called bins depending on variations in colour temperature, flux voltage and brightness due to the manufacturing process. The smaller and more precisely these bins are defined, the smaller the variations between the supplied LEDs. The combination of these LEDs is thus of a higher quality, although the price of this batch of LEDs will also be higher.



LEDs at PERFORMANCE IN LIGHTING

With the introduction of LEDs in high-quality technological luminaires, we at PERFORMANCE IN LIGHTING have high expectations of the LEDs and only use products from well-known suppliers. We not only use Zhaga-compliant modules (e.g. SL 740 LED), but also our own PCB developments (e.g. DL 185 LED, DM 225 LED).

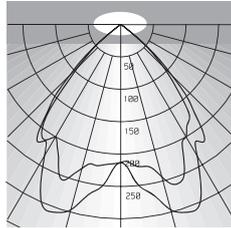
By using highly efficient LEDs of far beyond 150 lm/W we have, among other, succeeded in achieving energy savings of 30% and more compared to downlights with compact fluorescent lamps. All LED products are available in 3000K and 4000K with a colour reproduction index of Ra=80 throughout their service life.

Our special design department will also attempt to implement any technically possible request. Please ask us!

Photometric parameters

Luminosity

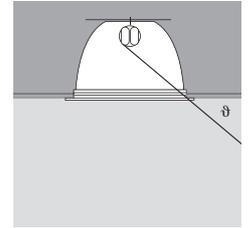
Formula symbol: I
 Unit: cd



The luminous flux radiated by the illuminant spreads into the room at a certain angle. The luminous flux divided by this room angle produces the luminosity I . Since most light sources radiate the light at different intensities in different directions, the distribution of luminosity in all directions needs to be given to fully describe the light field. The representation of a plane in a polar coordinate diagram is called a luminosity distribution curve (LDC).

Cut-off angle

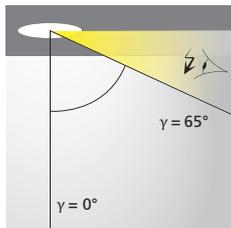
Formula symbol: ϑ
 Unit: $^\circ$



The cut-off angle of a luminaire is defined according to DIN EN 12464-1 "Lighting of indoor workplaces" as the angle between the horizontal plane (usually also mounting surface) and the direction from which the lamps and the surfaces of high luminance cease to become visible. If the correct cut-off angle is not observed, there is a danger with direct beam luminaires of direct glare from excessive luminance.

Luminance at $\gamma = 65^\circ$

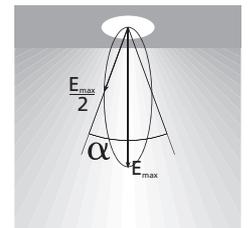
Formula symbol: L
 Unit: cd/m^2



High luminance upwards of an angle of $\gamma = 65^\circ$ can directly and indirectly (e.g. via reflection off a screen) create annoying glare. Therefore the luminance between 65° and 85° must not exceed stipulated limits.

Half-Peak Spread

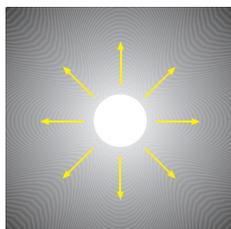
Formula symbol: α
 Unit: $^\circ$



With spotlights and reflector lamps the half-peak spread is given as a photometric value. This is the angle at which the luminosity of the spotlight has decreased to half the maximum luminosity.

Luminous flux

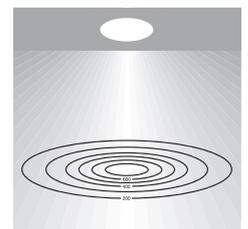
Formula symbol: Φ
 Unit: lm



The radiative flux radiated by a light source (illuminant), assessed according to the spectral luminous efficacy $v(\lambda)$ stipulated by the International Commission on Illumination (CIE), is called luminous flux. The nominal luminous fluxes of illuminants should be taken from the documentation of the respective manufacturers. These can also be found as extracts in the illuminant matrix of this catalogue.

Lighting Strength

Formula symbol: E
 Unit: lx



The luminous flux striking an area at any inclination, divided by this area, is called the illuminance. It is the assessment value for the illumination level, e.g. of a working area or a room (see also DIN EN 12464-1). The illuminance is represented by means of isolux curves.

Aspects of Light Planning

VDU-Friendly Lighting

VDU (visual display unit) workstations form the basis of a suitable working environment in administrative, service, sales or technical areas. VDUs as means of working and communicating will continue to gain increasing importance. To enable concentrated working at a VDU, the visual environment must not have a disruptive effect when recognising objects on the screen. To be able to guarantee this, the illumination of a VDU workstation must meet particular requirements.

VDU-Friendly Lighting

A particularly important quality feature in the lighting of VDU workstations is the avoidance of

- a) direct glare from luminaires and
- b) reflective glare

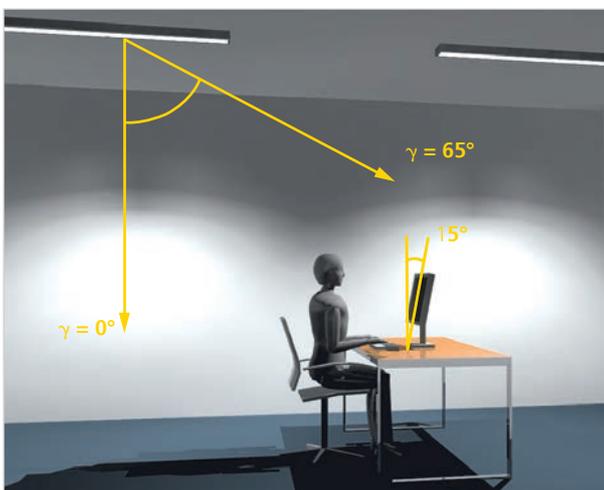
from shiny surfaces (VDUs) at the workstation. The definitive factor in perceived glare is luminance in the $\gamma > 65^\circ$ range. From this angle upwards the light will strike our eyes directly or via directly reflective surfaces. That is why particular limits apply here for the luminance given off by luminaires. DIN EN 12464-1 describes the requirements a VDU workstation must meet. It contains stipulations on the luminance limits for luminaires that might be reflected in VDUs. For VDU workstations with "high state" monitor luminance $> 200 \text{ cd/m}^2$, DIN EN 12464-1 prescribes a limit of 3000 cd/m^2 in the $\gamma > 65^\circ$ range. For VDU workstations with "high state" monitor luminance $< 200 \text{ cd/m}^2$, DIN EN 12464-1 prescribes a limit of 1500 cd/m^2 in the $\gamma > 65^\circ$ range. The standard luminance of flat screens is currently 250 cd/m^2 . The user thus has the possibility of planning according to the current state of technology.

A further criterion for assessing glare is the UGR (unified glare rating) procedure. This procedure was developed by the International Commission on Illumination (CIE) with the aim of standardising the glare assessment systems in Europe. In contrast to the limit curve procedure according to Sollner (Sollner curve), which only estimates the glare of individual luminaires, the glare assessment according to UGR, mostly in table form, also takes into account the arrangement of the luminaires in the room, the luminance of the luminaires as well as the background luminance (ceiling, walls, floor) and thus the glare of the whole lighting installation. In this situation the lower the UGR value is, the smaller also is the probability of glare, although the UGR value rises with increasing room size. The UGR value thus obtained is then finally compared with the so-called glare indices (GI), which show the maximum UGR limits. For office spaces, for example, a maximum GI of 19 is recommended.

Psychological Glare

Each person reacts differently to the stimulæ in the environment around them. Sensitivity to the luminance present in a person's field of vision and the resulting evaluation is always subjective. For good results the selection of the luminaires taking into account their photometric properties and above all the correct arrangement of the luminaires in the room is crucial.

At VDU workstations furthermore the inclination of the screen has an exceedingly significant influence on the occurrence of reflections. It should accord with the main line of sight, but can be individually adjusted depending on personal habits or the position of the screen. For further information see BGI 856 "Illumination in offices". This recommends a screen inclination of 15° for VDU workstations.



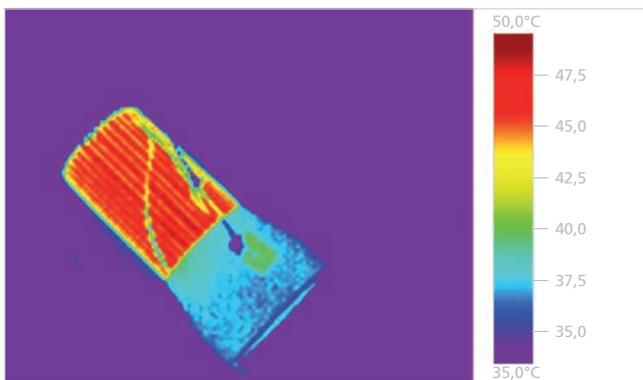
Inspection Technology

At PERFORMANCE IN LIGHTING there are several laboratories available that permit manifold inspection and testing of our luminaires as early as the development phase. This shortens the development period, since early concrete assertions can be made about the properties of the luminaires, and guarantees the highest quality and reliability while they are still under development. All the parameters are tested which are important for the operation and safety of a luminaire.

Thermal Laboratory

The luminaire test facility is installed in a specially climatized laboratory for a wide range of thermal measurements on luminaires and operating devices. PERFORMANCE IN LIGHTING uses this warming test facility to check whether a luminaire fulfils the thermal requirements named in DIN EN 60598. Durability under warming in normal and abnormal operation is likewise checked, using e.g. the F measurement. There is also a special stress lab available, e.g. for tests in higher ambient temperatures. In addition, measurements for special client requirements can be carried out, or luminaires tested and measured on behalf of clients.

Apart from this, there is also a facility for image resolution temperature measurement – the ascertaining of heat distribution by thermography.



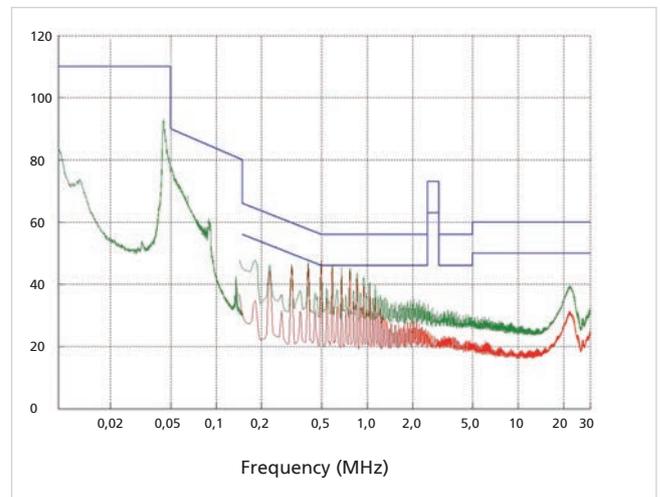
The thermal laboratory has received TDAP certification from the VDE test and certification institute. This documents the high quality of the measurements in our temperature laboratory and allows us very close cooperation with the VDE.

EMC Laboratory

An EMC laboratory is installed in a separate, specially shielded room. Electromagnetic compatibility (EMC) measurements are undertaken here using the CDN method according to CISPR with the latest technology based on a fast Fourier transformation (FFT) filter bank. This technological advance on traditional test receivers makes it possible to carry out measurements many times faster and in fact continuously in real time. The aim is to comply with the limit values for immunity and emitted

interference. The applicable standard for this is DIN EN 55015 (VDE 0875-15-1). The real time spectrogram mode makes it possible to search for causes and solutions of EMC problems in real time – as early as the development stage of the product.

Compliance with the EMC requirements according to the EMC directive is a foundation for the legally prescribed CE marking of our products.



Photometric Laboratory

There are two separately equipped standardised black laboratories available for photometric measurements. This is where during development and on client request the photometric properties of our luminaires are measured and optimised. Luminosity distributions according to DIN 5032 and other relevant data such as glare assessment and luminaire efficiency are recorded here with computer assistance.

There is an integrating sphere available for precise determination of the luminous flux of illuminants. This is a precondition for the correct determination of luminaire efficiency. Luminaires that work independent of location and high-performance luminaires are measured with a high-precision goniophotometer.

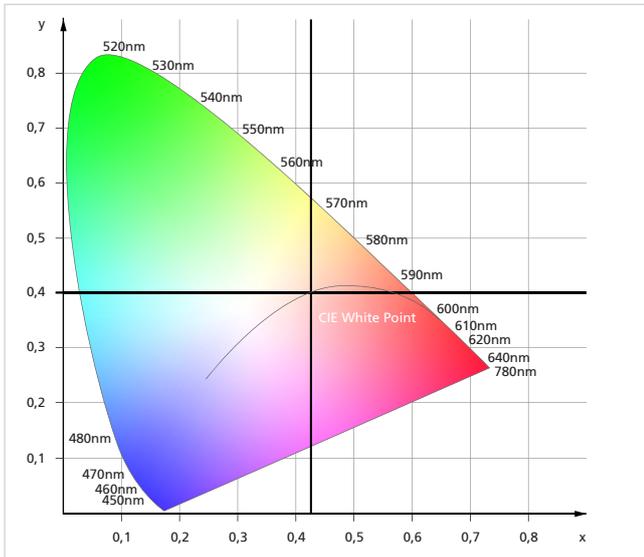
Luminaires that are sensitive to changes of location are measured with a Riemann goniometer. This cutting-edge technology based on image resolution near-field goniophotometry with CCD measuring technology permits the measurement of luminaires far within the photometric limit distance without changing the location of the luminaires to be measured. As well as light distribution the equipment also provides luminance information and radiation data.

Inspection Technology

There is also the possibility of image resolution luminance measurement with the aid of a luminance measuring camera.



There is a spectrometer available for recording measurements of the spectral distribution of the light emission from the illuminants used. As well as the spectrum, the colour temperature and the colour location of the light source, this also permits the colour reproduction of the light source to be determined. Checking these key quality-determining properties is especially important for LED light sources.



PERFORMANCE IN LIGHTING luminaires are developed and constructed according to the latest perspectives and cutting-edge technology. The basis for this is our long years of experience in luminaire construction and consistent application of both proven technology and the latest developments from the luminaire sector. The foundations for it are the applicable standards, especially DIN EN 60 598 and VDE 0711. Both the production of our luminaires and their construction and development are guided by these regulations. A large proportion of our luminaires have been certified by the VDE and as well as the VDE mark also carry the ENEC mark.

VDE Mark

The VDE mark documents the safety and conformity to standards of an electrical product with regard to electrical, mechanical, thermal, toxic and other hazards. It is awarded exclusively by the VDE test and certification institute (VDE-PZI). A manufacturer may only provide its products with the VDE mark after checking and issuing of a corresponding certificate.

ENEC Mark

This stands for conformity with the European safety standards, especially through EN 60598 and thus also with the German VDE 0711. Luminaires that carry the ENEC mark must therefore fulfil the same requirements and undergo the same tests as those that have received the VDE mark. The two test marks are thus comparable, with the exception that the ENEC mark is recognised throughout Europe in all states that have signed the LUM agreement. The ENEC mark is represented in conjunction with the identification number of the national testing institution (10 stands for the VDE, for example), as well as often with the institute's own logo.

CE Mark

In contrast to the VDE, ENEC and GS marks, the CE mark is not a test mark. It is an administrative label and documents the conformity of the product with the prevailing EC directives. It means the manufacturer is declaring on its own responsibility that requirements of European directives have been fulfilled. Without a CE mark no product may be brought into circulation within the European Union. All products allocated to the EMC directive 2004/108/EC (Electromagnetic compatibility) and the LV directive 2006/95/EC (Low voltage) fulfil the requirements and are labelled with the CE mark on their packaging.

EMV Mark

Luminaires with this test mark accord with the regulations on complying with the radio interference limit according to VDE 0875/Part 2. This test mark is not included in the catalogue. A large proportion of the downlights have however undergone the EMV test in the VDE-PZI. If required, our technical sales department will tell you whether the desired luminaire carries the EMV mark.

Technical Characteristics

Protection Classes

Measures must be taken to protect against electrical shock in electrical equipment as in luminaires. They must guarantee that even in the case of failure no dangerous electrical voltages can occur on accessible casing parts.

The various possibilities of achieving this are divided into protection classes. In Germany only protection classes I, II and III are permitted.

Protection Classes	Meaning	Notes
	Luminaires with a connection point for an earth wire, to which all accessible metal parts must be connected which might directly take on voltages in case of failure.	Connection to protective earth conductor mandatory. The symbol is affixed to the connection point.
	In such luminaires no metal parts may be accessible, which in the case of failure might directly take on voltages (protective insulation or double insulation).	Luminaire must not have an earth wire connection and not be connected to a protective earth conductor.
	Luminaires that operate with safety extra-low voltage (SELV), i.e. with voltages under 50V generated by a safety transformer according to DIN VDE 0551 (EN 60742) or taken from batteries or accumulators.	Luminaire must not have an earth wire connection and not be connected to a protective earth conductor.

IP protection types

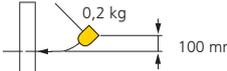
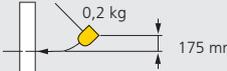
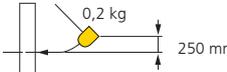
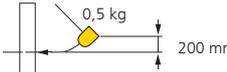
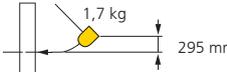
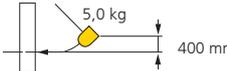
The IP protection types denote a luminaire's degree of mechanical safety. They describe the degree to which the luminaire is protected against the penetration of foreign bodies or damp. Our recessed luminaires' protection types IP 23 and IP 44 named in the catalogue apply to the light emission aperture and only for use of the recessed luminaires in dry rooms and closed roof systems.

protection type	1st reference number Dust and Foreign Body Protection	2nd reference number Water and Damp Protection
IP 00	Unprotected	Unprotected
IP 11	Protected against solid foreign bodies larger than 50 mm	Protected against dripping water, 0° angle of impact to perpendicular
IP 20	Protected against solid foreign bodies larger than 12 mm	Unprotected
IP 22	Protected against solid foreign bodies larger than 12 mm	Protected against dripping water, 15° angle of impact to perpendicular
IP 23	Protected against solid foreign bodies larger than 12 mm	Protected against spray water from an inclination of up to 60° against the perpendicular
IP 33	Protected against solid foreign bodies larger than 2,5 mm	Protected against spray water from an inclination of up to 60° against the perpendicular

protection type	1st reference number Dust and Foreign Body Protection	2nd reference number Dust and Damp Protection
IP 40	Protected against solid foreign bodies larger than 1 mm	Unprotected
IP 44	Protected against solid foreign bodies larger than 1 mm	Protected against spray water from any direction
IP 50	Dust-protected	Unprotected
IP 54	Dust-protected	Protected against spray water from any direction
IP 55	Dust-protected	Protected against jet spray water from any direction
IP 65	Dust-protected	Protected against jet spray water from any direction

IK protection type

The IK protection type shows the mechanical resistance of a casing and thus denotes the impact protection. The degree of IK protection offered by a casing against external mechanical stress is stipulated by the IK code according to standard DIN EN 50102 (VDE 0470 Part 100).

IK	Test	Energy in Joules
IK 00	—	0,00
IK 01		0,15
IK 02		0,20
IK 03		0,35
IK 04		0,50
IK 05		0,70
IK 06		1,00
IK 07		2,00
IK 08		5,00
IK 09		10,00
IK 10		20,00

Technical Characteristics

Fire Protection in Luminaire Installation

Electrical installations are components of buildings and building complexes.

The requirements anchored in building law therefore also apply here to their full extent. Luminaires and other electrical equipment must therefore be selected and installed in such a way that a fire cannot start, either in case of failure or in normal operation. To this end we refer to the applicable standards and directives. Apart from DIN VDE 0100 Part 420, DIN VDE 0105 Part 1 and VDE 0132, the guidelines of the Verband der Schadensversicherer VdS (association of damage insurers) are to be taken into account.

Marks for Luminaires



All PERFORMANCE IN LIGHTING Lichttechnik luminaires fulfil the F requirements according to EN 60598-1/1993+A1:1996 and are suitable for mounting on or in normally combustible fixing surfaces

(building parts). The F mark is however no longer contained in the current version of EN60598-1, but for better understanding and to avoid misunderstandings the F mark continues to be affixed to the luminaires.



The MM mark denotes those appliances with a limited surface temperature which are suitable for mounting in furnishings, ceilings and walls made

of materials without known combustible properties.



Recessed luminaires must not be covered or insulated with insulating material.

Fire Protection Marking

The sub-classes A1 and A2 as well as B1 to B2 permit a more precise description which can be taken from the table. DIN 4102 also stipulates the test conditions and the assessment parameters.

Building Material Class	Building-Authority Designation	Building Materials (Example)
A	Non-combustible building materials	
A1	Non-combustible	Concrete, glass, stone
A2	20s flammability	Plasterboards
B	Combustible building materials	
B1	Flame retardant	HWL-boards, oak parquet
B2	Normal flammability	PVC coatings, various wood types

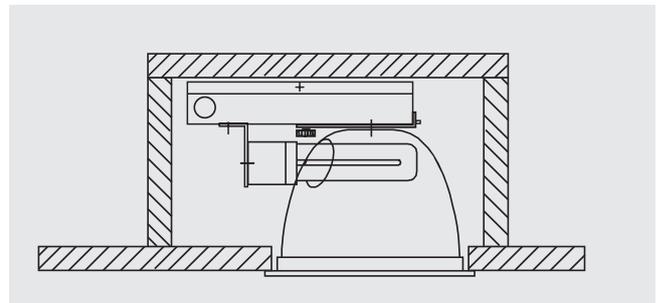
Fire Resistance Class

The fire performance of components is tested according to DIN 4102 Part 2 under full fire conditions and described by the fire resistance period. During this period the components must impede the passage of the fire, retain their load-bearing properties and limit their temperature rise on the side facing the fire to an average of 140K.

Building Material Class	30 min	60 min	90 min	120 min	180 min
Fire resistance grading	F 30	F 60	F 90	F 120	F 180

Fire Protection for Recessed Luminaires

When recessed luminaires are installed the continuously closed surface of the fire-protective false ceiling is opened where the luminaires are positioned. Since recessed luminaires as components cannot fulfil the conditions of the fire resistance classes, the fire protection requirements are no longer fulfilled. For this reason the luminaires need to be surrounded by cladding which again must meet the fire protection requirements.



Emergency Lighting

For safety reasons emergency lighting according to DIN 5035 takes over the necessary lighting of rooms when there is a power cut. A distinction is made between safety lighting according to DIN EN 50172 and substitute lighting. Depending on building type, the emergency lighting must take over the artificial lighting within 0.5 to 15 seconds with a minimum required illumination strength. See also adjoining table on this. The stipulated illumination strengths are minimum requirements and must also be guaranteed at the end of the nominal operation period.

This can be done through a central emergency power supply such as central or group batteries for direct voltage supply or a power generator for alternating voltage. The advantage in this is easy central function monitoring for equipment and connected luminaires. Alternatively, emergency lighting can be guaranteed with individual batteries, which requires a considerably lower installation expense and furthermore makes an easy distribution over various phases and electrical circuits possible. Here too central function monitoring for equipment and connected luminaires is possible. It should be noted here that the relatively low installation expense of individual battery systems contrasts with a considerably higher battery maintenance expense. The following table shows the requirements for safety lighting according to DIN EN 50172, Part 1.

Building Installations	Minimum illuminance in Lx	Switching time in seconds max	Nominal operation period of auxiliary power source in hours	PC for illumination of rescue circuit	PC for safety illumination of escape routes	Permitted auxiliary power source
Assembly and exhibition venues, commercial premises, eating and drinking establishments	1	1	3	yes	yes*	A B
Assembly venues, eating and drinking establishments with max. 20 safety luminaires	1	1	3	yes	yes*	A B C
Accommodation facilities, high-rise buildings, schools	1	15	3	-	no	A B C D
Enclosed parking facilities	1	1	3	yes	no	A B C D
Escape routes in workplaces	1	1	3	no	no	A B C D E
Especially hazardous workplaces	10 % EN min. 15 Lx	0,5	min. 1 Min	no	no	A B C E
Stages, performance areas	3	1	3	yes	no	A B
Arenas, sports fields	15	1	3	yes	no	A B

PERFORMANCE IN LIGHTING supplies the luminaires for emergency lighting in three designs as required:

Emergency Light Version E14

Switching from mains to emergency power and monitoring of the connected luminaires is on-site. They can be optionally operated with direct or alternating voltage.

Individual EB for One Illuminant

By using electronic ballasts (EBs) for direct and alternating voltage for one illuminant, mains and emergency power can be supplied via the same circuit. No separate circuit is therefore needed for single-light luminaires. Emergency and standard lighting are ensured through the same illuminants. Switching takes place on site. Likewise both direct and alternating voltage can be used.

Emergency Lighting Assembly with 3h Battery Set

An emergency lighting assembly with an individual battery is used for networks without a central emergency power supply. In this case switching from mains to emergency power is done through a monitoring chip integrated in the emergency lighting assembly.

The lamp can be operated in standby or permanent connection mode. If light switches are installed for mains operation in the permanent connection mode, an additional wire is needed in the supply line with a permanent phase for network monitoring and as battery charging voltage. The price for a necessary individual EB is not included in the emergency lighting assembly. Emergency lighting chips with an individual battery must be checked for correct functioning at regular intervals. In this case an LED showing the status of the emergency lighting chip can reduce the expense of a check. PERFORMANCE IN LIGHTING supplies LEDs for status display as accessories. These are normally delivered loose to be installed by the client, but can also be pre-installed in the luminaire on request. There may be various positions to choose from for installing the LED. If you have any questions on this please contact the member of staff responsible for you in the sales department.

- A - Central or group battery
- B - Fast standby, immediate standby generator
- C - Individual batteries
- D - Auxiliary power generator
- E - Specially secured network

*Only for all escape routes outside assembly rooms, stages and performance areas. In the aforementioned spaces which are darkened during normal operation, doors, aisles and steps at least must be discernible through safety lighting in permanent connection (PC).

In planning and designing lighting installations for emergency lighting, a light loss factor of generally 0.8 must be taken into account due to ageing and staining of the luminaires. The values required in the table must then be fulfilled at the most unfavourable point, with a uniformity of at least 1:40 being required. Measurements for this are made in the middle of the escape route at a height of 0.2 m.

Emergency Lighting

Emergency Lighting Assembly with Self-Test Function

Luminaires with an emergency lighting function must be regularly checked for proper functioning of the required emergency lighting components. This can be done manually, e.g. by personal inspection, centrally by a monitoring installation or by emergency lighting chips with an automatic self-test.

PERFORMANCE IN LIGHTING supplies emergency lighting chips with a self-test function with the following characteristics: self-tests are carried out according to pr IEC 62034 weekly (function test) and annually (service life test), with the function and service life test being adjusted to requirements and carried out at a risk-free time so as to minimise risks from the test itself. A simple activation function ensures synchronisation of the tests and the automatic initiation of activation checks. A bicoloured LED for status display serves to show the test results. The self-test of the emergency lighting chip checks the following functions specifically: state of the accumulator, state of the lamp, charge state, weekly function test, annual service life test.

Individual Battery for Emergency Lighting Chips

The accumulators for supplying the emergency lighting chips (individual batteries) must be checked at regular intervals and at the end of their useful life be exchanged for new, equivalent batteries. PERFORMANCE IN LIGHTING recommends changing the individual batteries after three years at most so as to rule out malfunctions in an emergency and maintain the function of the safety lighting. The appropriate replacement components are available for the supplied luminaires with individual batteries. Please contact the member of staff responsible for you in the sales department.

Environment

The resources of nature are limited. PERFORMANCE IN LIGHTING implements this realisation by developing energy-efficient products and the greatest attention is paid to their packaging, transport and recycling.

PERFORMANCE IN LIGHTING has accomplished the transition to electric ballasts. Magnetic ballasts are no longer a component of its product programme. Further significant energy-saving potential lies in the use and regulation of intelligent control technology. PERFORMANCE IN LIGHTING sets store by sensors which detect daylight and motion and thus regulate the amount of artificial light. By using electric ballasts connected to building management systems, luminaires can be controlled intelligently, which leads to considerable energy savings. Further energy-saving potential lies in reflector technology. Using the latest materials and procedures means light losses in the luminaire can be considerably reduced and the light can be optimally directed. PERFORMANCE IN LIGHTING employs metallised aluminium surfaces for downlights, silver-metallised surfaces are used in louvers for T5 luminaires, and special spherical facets have been developed for accented lighting. The combination of efficient operating devices, optoelectronic light sources, intelligent sensors and highly complex reflectors leads to energy-efficient, long-lasting products which give the greatest possible consideration to the environmental perspective.

INTERSEROH RECYCLING

Under Manufacturer No. 85444, PERFORMANCE IN LIGHTING has concluded a contract with INTERSEROH for the proper recording, sorting and recycling of transport packaging. This ensures that packaging at our clients' premises is recorded by INTERSEROH partners, the packaging material is recycled and all requirements of the packaging directive are fulfilled.



Furthermore, PERFORMANCE IN LIGHTING is registered as a manufacturer with the German waste electrical equipment register EAR, in implementation of European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), under the following number:

WEEE-Reg. No. DE 27756601

All electric and electronic equipment brought into circulation by PERFORMANCE IN LIGHTING is marked with the "crossed-out dustbin" symbol with a bar denoting the limit date for putting into circulation.

To our knowledge, our products contain no substances in concentrations or applications the putting into circulation of which in products is forbidden in accordance with the applicable requirements of Directive 2002/95/EC (RoHS).

An environmental officer constantly examines further improvements, and constant staff training courses round off the complete catalogue of measures.



Operating devices

Using the latest technology is self-evident in the development and production of technical luminaires. That is why PERFORMANCE IN LIGHTING only uses electromechanical and electronic components from well-known manufacturers, reflecting the latest technology and tested by appropriate independent testing institutes such as the VDE testing and certification institute.

HF ballast

Electronic ballasts offer more economy and higher operational reliability compared to inductive ballasts (IBs).

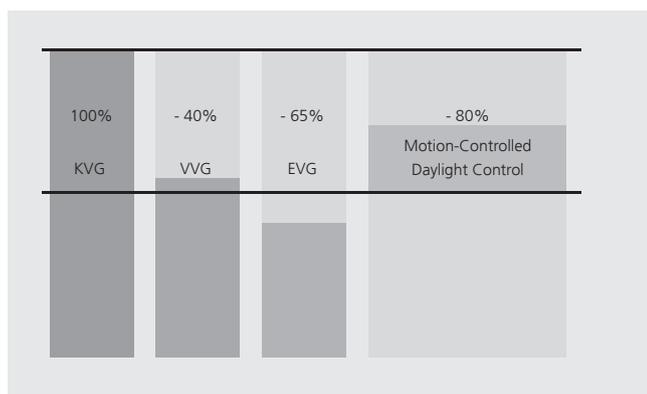
ADVANTAGES:

- Low energy consumption and heat generation
- Lowering of maintenance and operating costs
- Lamps start without irritating flickering and noise generation and need no additional starter and no compensation
- Elimination of so-called cathode flickering, even at low temperatures
- Increased visual comfort
- Prevention of stroboscopic effect in conjunction with rotating machinery
- Higher useful lifetime of lamps (up to 50%)
- Automatic shutoff at end of lamp lifetime as well as independent recognition of correct illuminant
- Low weight

In case of defect the EB switches off automatically and the fire protection behaviour is improved through the lower operating temperature. Most EBs can also be run optionally on direct or alternating current.

The permits the use of EB luminaires together with auxiliary battery power supplies. They are therefore also suitable for emergency lighting according to DIN EN 50172.

Power loss of ballasts (SMA) for fluorescent lamps 58 W:



HF ballast/converter dimmable

Dimmable HF ballasts allow the luminous flux of fluorescent lamps to be regulated. For this purpose PERFORMANCE IN LIGHTING supplies dimmable EBs both with the analogue 1 – 10 V DC interface and with the DALI interface. These procedures, sometimes via additional control devices, open up manifold possibilities for controlling the amount of light. Starting with key control, hand control devices or reverse phase control dimmers, through interfaces for motion sensors, infrared remote controls and light sensors, to modern energy management systems with PC and instabus technology or EIB and LON.

HF ballast/converter analogue dimmable (1-10 V)

The currently most widespread possibility of controlling the brightness of fluorescent lamps is the 1-10 V interface. The high level of awareness contrasts among other things with a fall in brightness level with long cables, lack of reverse polarity protection in the control line and limitation to group addressing. Apart from this, the majority of ballasts only permit a dimming level of up to 10% (at 1 volt).

HF ballast/converter DALI dimmable

DALI (digital addressable lighting interface) was developed to achieve a uniform, cross-manufacturer standard that improves on the disadvantages of the 1-10 V industry standard without reaching the degree of complexity of a building bus system. PERFORMANCE IN LIGHTING is a member of DALI AG. The industry agreed on the DALI standard, which with IEC 929 is currently in the international standardisation procedure.

This guarantees worldwide interchangeability of the components without manufacturer-specific or national incompatibilities.

The most important advantages are a reverse polarity-protected two-wire line, direct addressability, compact commands, error reporting and defined brightness values that are not influenced by a voltage drop in the control line. Furthermore, DALI can be incorporated in a higher-level building system.

Illuminants

Innovative illuminants are a tradition at PERFORMANCE IN LIGHTING. Continuous development and modern manufacturing techniques have led to great advances in the compactness and economic viability of illuminants. In PERFORMANCE IN LIGHTING luminaires the results of this development find a practical application through the use of the latest lighting technology. Detailed information can be found in the illuminant matrix.

Energy Efficiency

Currently, mainly fossil fuels are used to generate electrical energy. This results in two fundamental problems:

1. fossil fuels are finite
2. they force climate change

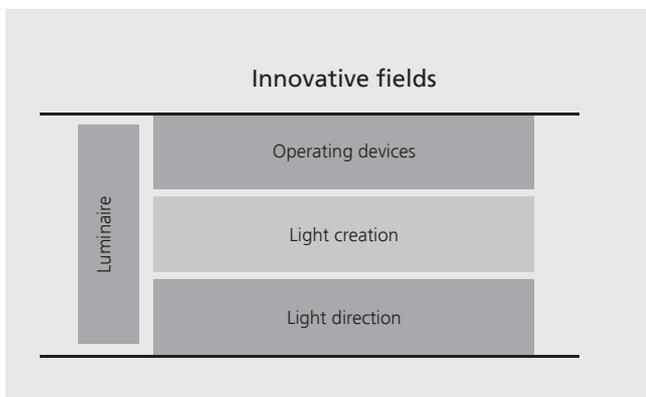
The task of the luminaire manufacturer is therefore to develop the most efficient luminaire systems possible while at the same time improving the light quality for the user.

PERFORMANCE IN LIGHTING product development has set store by efficient light sources and operating devices from the start. For example, only T5 illuminants and electronic ballasts were used for the development of office luminaires.

Since 2001 PERFORMANCE IN LIGHTING has been supplying only products with electronic operating devices, making an important contribution to energy efficiency and to going easy on natural resources.

A further important criterion for energy efficiency is the materials used for directing light. In this case PERFORMANCE IN LIGHTING sets store by reflector materials metallised in a high vacuum with very thin coatings of aluminium. This ultra-pure aluminium has a very high efficiency level which produces a very efficient light direction. PERFORMANCE IN LIGHTING uses this high technology for both downlights and linear fluorescent luminaires.

Since silver has a higher reflectivity over the whole spectral range than aluminium, PERFORMANCE IN LIGHTING uses specular louvers with a silver surface for the high-quality SL 787 series. This again achieves a considerable increase in efficiency.

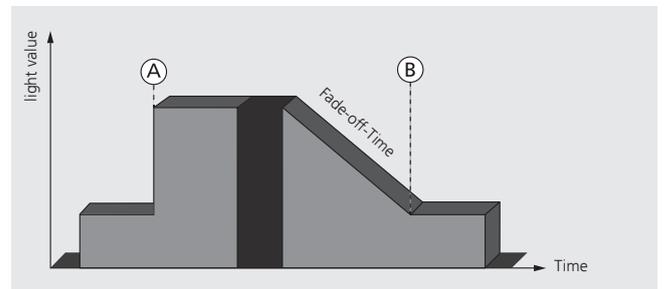


Corridor Function

The corridor function, by providing sufficient light, always ensures safety and a pleasant atmosphere. To this end the correspondingly equipped operating devices are factory pre-programmed to provide the connected luminaires with 100% dimming value when someone is present and a 10% dimming value when no-one is present. The transition, which is pre-adjustable to dim within a certain time, can, like the corresponding dimming stages, very easily be adapted to individual requirements.

By connecting commercially available relay motion sensors (or staircase time switches), when a 230 V mains voltage signal is applied to control inputs D1 and D2, the light value is increased e.g. to 100%, and after shutoff of the motion sensor automatically set back to the programmed dimming value.

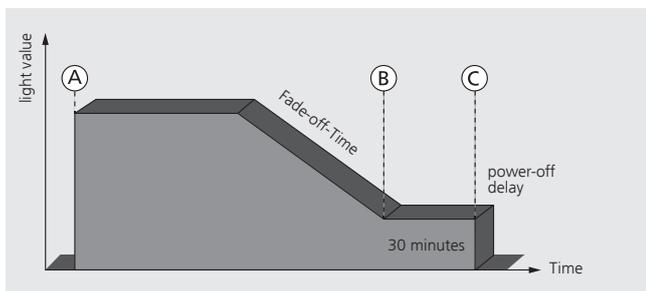
Additionally, there is the possibility of regulating the dimming value through a special daylight sensor when someone is present. The device will then dim automatically to the desired dimming value depending on daylight.



Corridor Function

Corridor Function with Shutoff

The installation can also for example be operated in corridor mode during business hours until the evening. In the remaining period the luminous flux is reduced to 5% within 30 seconds if no-one is present and after a further 30 minutes the luminaires are completely switched off.



Basement garages, automated machine areas, hallways and staircases can be equipped with energy and cost saving lighting using the corridor function. Existing installations can be easily converted. The use of luminaires with the corridor function can thus ensure more security and a saving in electricity costs of up to 70%. For detailed solutions please contact us.

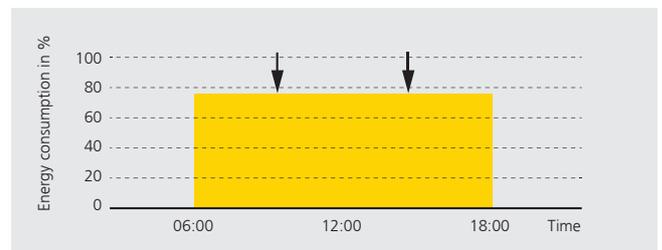
Lighting Control-

The simplest way to save on costs

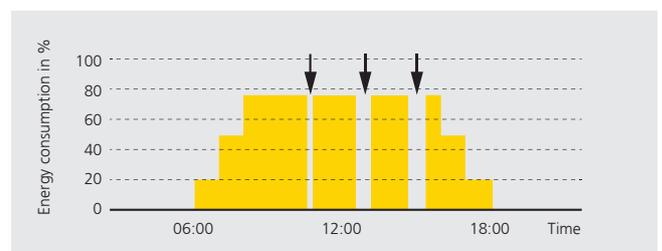
By using sensors to record the incoming daylight as well as to control lighting according to the presence of people, it is possible to further increase the savings potential of lighting installations.

Energy consumption of static lighting using luminaires with EB compared to conventional technology:

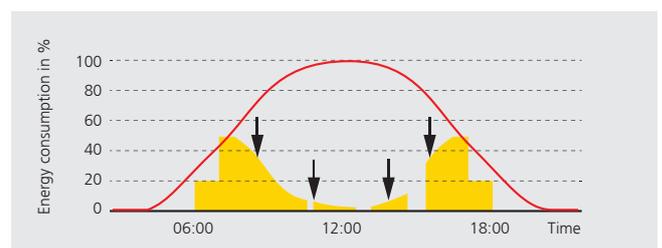
Energy consumption with luminaires with EB switched and dimmed according to the presence of people:



Energy consumption of luminaires with EB controlled by incoming daylight with additional presence control:



By using modern lighting technology coupled with sensors to record incoming daylight and movement control, energy consumption can be reduced by up to 80%, which quickly amortises the investment costs.



Informations

Explanation of Data Blocks

The luminaire data necessary for lighting planning are allocated respectively to an article with particular equipment.

Equipment

The designation of lamp equipment is named in the catalogue according to the lamp designation system of the ZVEI (LBS).

Light Distribution Curve (LDC)

The radiation characteristics of a luminaire or lamp, the distribution of luminosity, is given in a polar coordinate system. Rotationally symmetric luminaires such as downlights are shown in one plane, and linear fluorescent luminaires in two planes.

Efficiency Level η_{LB}

The luminaire operating efficiency level η_{LB} is given in % and ascertained in the factory's own photometric laboratory. First the luminous flux of the lamps is measured, then the luminous flux of the luminaire with the inbuilt lamps. The relation between luminaire luminous flux and lamp luminous flux produces the luminaire operating efficiency level.

Example:

Luminous flux of inserted lamps = 9000 lm

Luminous flux of the luminaire = 6000 lm

- Luminous flux loss of 3000 lm corresponding to 33%
- Luminaire operating efficiency level = 67%

With LED luminaires the luminous fluxes of the LEDs can often not be determined separately, since e.g. their cooling is ensured via the luminaire housing. Since in these cases the luminaire can only be measured photometrically as a whole and therefore no decrease in the luminous flux is to be considered, the luminaire operating efficiency level is set at 100% here.

Luminance at $\gamma = 65^\circ$

High luminance differences in the field of vision are perceived as glare. Ceiling-mounted luminaires are perceived as glaring as soon as they emit too high a light proportion above 65° (from the perpendicular). In this range the risk of both direct glare and indirect glare (e.g. via screen surfaces) is particularly high. DIN EN 12464-1 therefore prescribes limits for this range. These are for 3000 cd/m^2 workstations with screen luminance $> 200 \text{ cd/m}^2$ and 1500 cd/m^2 for workstations with screen luminance $< 200 \text{ cd/m}^2$ (current standard with flat screens $\geq 250 \text{ cd/m}^2$).

Half-Peak Angle α

With spotlights, instead of the diffusion angle the half-peak angle is given for assessing the light cone (angle to the perpendicular).

Cut-Off Angle

The cut-off angle of a luminaire is defined according to DIN EN 12464-1 "Lighting of indoor workplaces" as the angle between the horizontal plane (usually also mounting surface) and the direction from which the lamps and the surfaces of high luminance cease to become visible. If the correct cut-off angle is not observed, there is a danger with direct beam luminaires of direct glare from excessive luminance.

UGR

The UGR procedure was developed by the International Commission on Illumination CIE, is a component of DIN EN 12464-1 and serves to assess psychological direct glare taking into account a room's geometry and surfaces. The UGR values given in the catalogue were ascertained for a standard room with the following properties: Room geometry: $X=2H$, $Y=2H$ Reflection grades: $r_{ceiling}=70$; $r_{walls}=50$; $r_{floor}=20$



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