



led light profession



LEDs
FOR FUTURE
2022/2023

The Lighting Industry, an efficient way

lichtline is a young, growing company headquartered in Bayreuth, Upper Franconia. We are your specialist for commercial and industrial lighting and you benefit from a wide range of services and high-quality products in the field of lighting technology and lighting planning. Industry-specific know-how, advanced LED technology, innovative and individual solutions as well as assistance service together with the high-quality products offer you an allround carefree package.

With dedication, all lichtline colleagues are looking for the best solution for you and at the same time we make a positive contribution to a better world together. Take a look at our year 2022/23.



New products

For the sake of nature

In order to meet your requirements and to follow our passion for research and development, we are constantly expanding our range. Also this year we will provide you with insights into the lighting solutions of tomorrow, so that your everyday challenges can be solved.



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EASY
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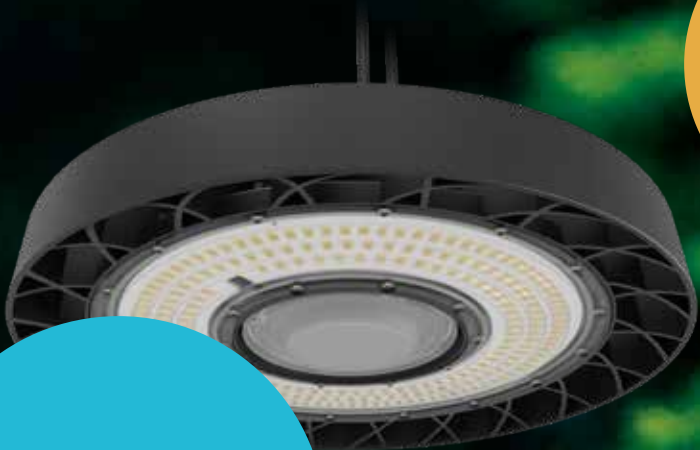
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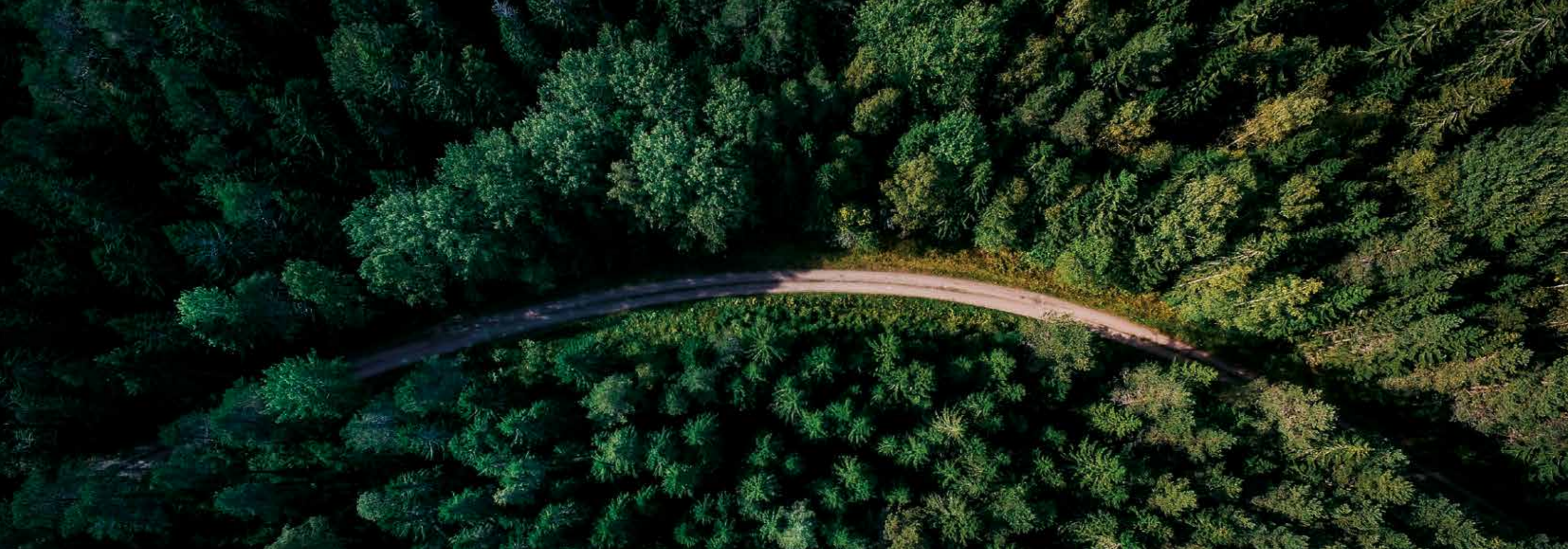
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Sustained

Investment for the future

The facts are on the table, our nature needs help. If we do not counteract climate change, future generations will find a completely different world.

Sustainability must therefore be the priority. The use of renewable energies is one thing, conserving existing resources and using them effectively is another.

Using unused energy is one of the best ways to conserve resources. Because 15% of our global electricity consumption is due to our lighting. By converting to LED, an average of 80% of this power consumption can be reduced.

In the lighting industry, sustainability takes place, among other things, through resource conservation. Efficient light sources, optimized luminaires and electronic controls can contribute a lot to sustainable development, and they are also largely recyclable and save costs. The federal government supports this development with subsidies.

We at **lichtline** also want to stand up for our environment and in this catalog we are using an environmental icon to bring our investment in the future closer to you.

Sustainability at lichtline

For the sake of nature, we have designed a symbol that should make the sustainability at **lichtline** clear to you. The symbol is filled with 5 categories.



Efficiency

The first field serves to illustrate the efficiency and thus the CO₂ savings of the light.

BAFA Eligible

The second field shows whether the lamp meets the criteria for BAFA-support. Since January 1, 2021, the state has been supporting the switch to energy-efficient lighting and thus promoting our climate protection.

Longevity

The third field describes the longevity of our lights. If a lamp is particularly durable, it requires less servicing and conserves resources.

Electronic Control

If the fifth field is filled in, the lamp can be equipped with an electronic control. Sensors in particular ensure immense power savings through day and night rhythms or dimming functions.

10 facts of modern lighting

1. LEDs not only save energy, they also combine high light quality with a long service life.
2. In outdoor lighting, LEDs reduce light emissions and protect nocturnal insects.
3. LEDs convince with a very good ecological balance, as they cause over 90% of their CO₂ emissions during operation and only 2% during production.
4. Luminaires with high efficiency and a long service life save electricity and maintenance costs.
5. LED lights have low heat emission, which means that less cooling capacity is required in air-conditioned rooms.
6. Intelligent light management can reduce energy consumption by a further 70%.
7. The packaging is preferably made of recyclable materials and harmful ingredients are avoided as strictly as possible in accordance with the applicable regulations.
8. Professional lighting planning ensures that lighting is used as required.
9. Sustainably planned light serves people, because it ensures safety on streets and squares, protects health at work and leisure and improves well-being.
10. Whether narrowly bundled or widely spread, modern lens technology directs the light exactly where it is needed, thereby reducing losses.

Packaging

If the fourth field is filled in, the lamp will be sent in sustainable packaging. We pay attention to renewable raw materials and waste consumption. Waste separation is often no longer necessary, which also saves time and money.

Applications

For every use the right solution

We at **lichtline** have stood for sustainable and high-quality lighting solutions for industrial applications for over a decade. We offer you a range of industrial lights that can make all areas of daily work easier, better and even more efficient. We are aware that special working conditions place high demands on the resilience of our lights. With this graphic we show you suitable solutions for use in industry.



Applications

We illuminate your everyday life

When we move through the day, we often don't realize how important light is for people. The right light ensures that we find our way or feel safe. It promotes our productivity and ensures a balanced biorhythm. At **lichtline**, we bring light into your home office, your workplace or your leisure activities, because only good light contributes to your well-being.



The world of

Sensors

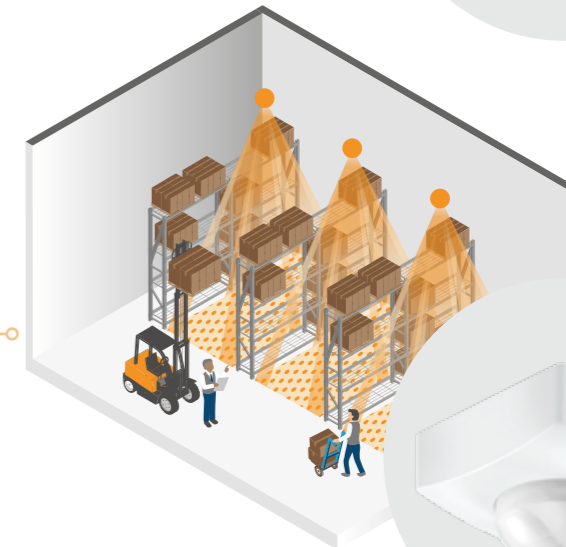
Secure. Durable. Smart.

For everyone who wants to add even more comfort to their lives, we offer digital and intelligent perspectives for modern building technologies. Smart sensor technology reduces the already low energy costs of LEDs to a further minimum. The resulting savings potential leads to a reduction in CO₂-emissions and saves on building costs. So if you want to protect both the climate and your wallet, this is the place for you.

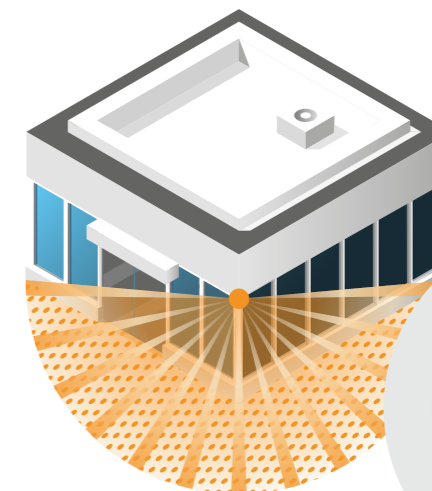
With the intelligent combination of lights and sensors, we open up completely new dimensions for your building efficiency. With our partner "Steinel" we create lighting solutions for your future.



IR Quattro HD
Presence detectors for offices



IS 345 MX Highbay
Indoor motion detectors

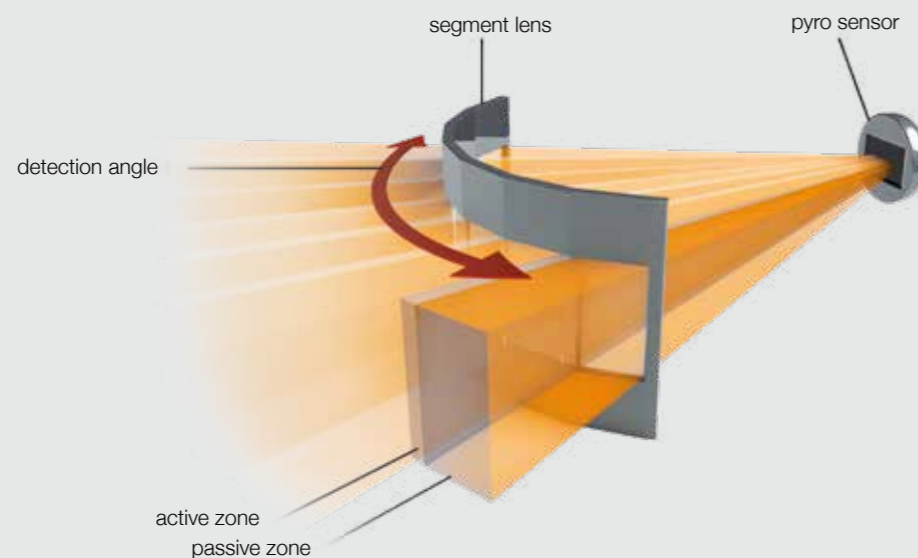


SensIQ S
Presence detector for the outdoor area



PIR-sensor (Passive Infrared) technology

The PIR-sensor combines thermal energy with movements. For the implementation of the PIR technology, the sensor field of view is divided into active and passive segments. Since only moving objects that actually emit heat are detected, the sensor switches the light on automatically. If there is no warm movement, the light goes out. So energy is only consumed when it is really needed.



More intelligence for our lights, more planning security for you

All Steinel sensors shown here can be fully combined with the **lichtline** luminaire portfolio. Do you want to know what options your building has? Our external sales team measures on site your savings potential and will be happy to advise you.

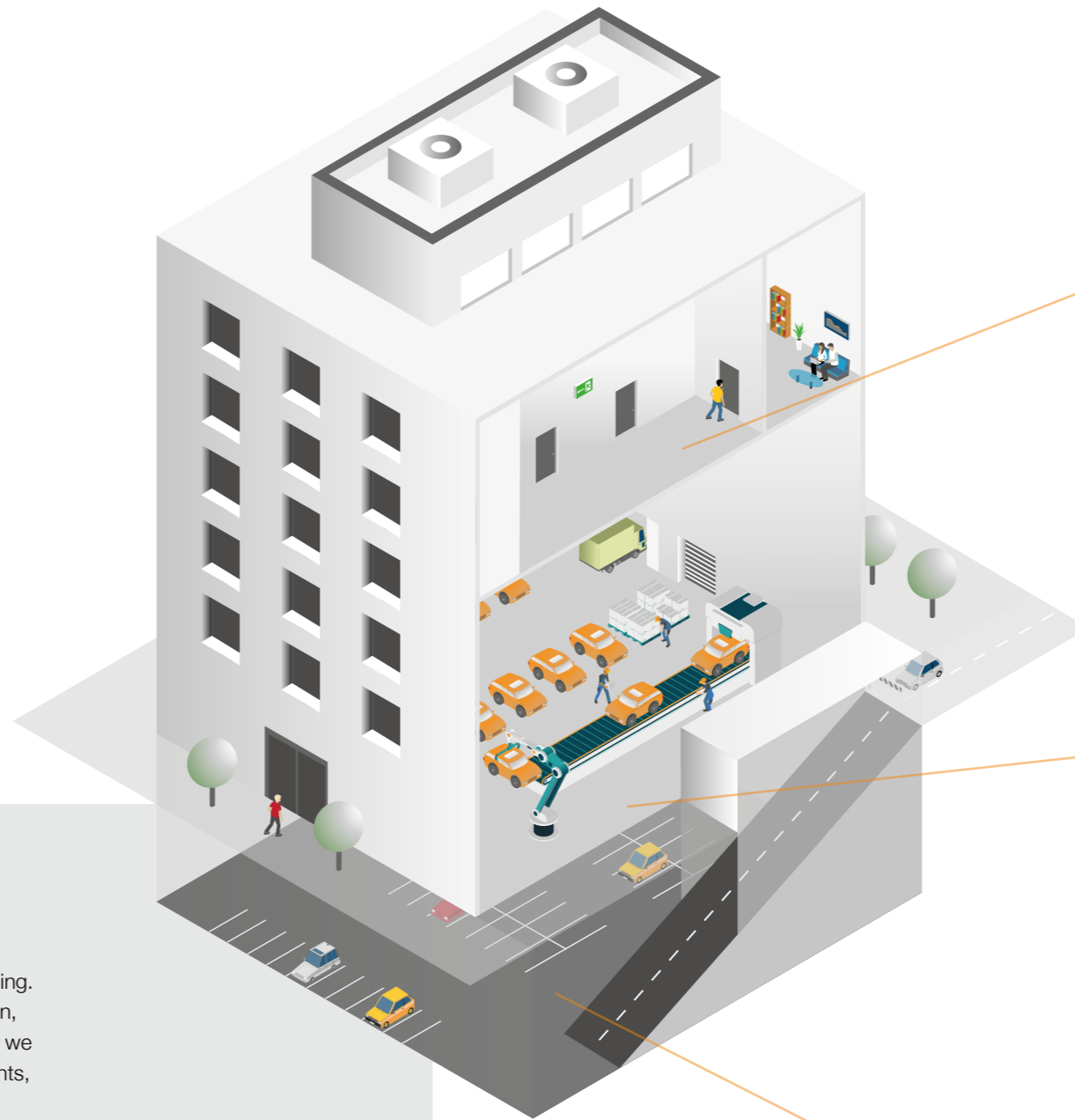
You can find detailed information in the order overview on page 190.

Emergency lighting

For your security

If the power supply for the general artificial lighting fails in an emergency situation, steadily illumination and a high recognition distance are important. Perfect lighting and marking of escape and rescue routes enable people to complete their work and leave the building quickly and safely.

Thanks to the combination of **lichtline** lights and the integrated solutions from our partner company Luxon Notlicht GmbH, there are no limits to the planning. For your safe reachment of your destination.



SIGMA 48
Escape Sign Luminaire



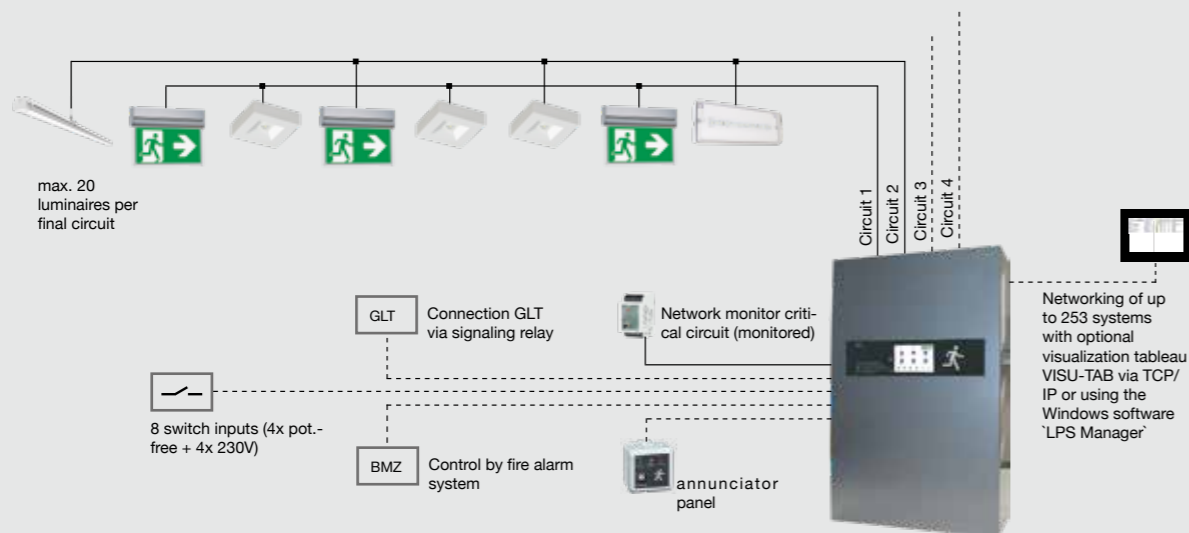
ClickLUX ROCKET
with integrated emergency lighting



KAPPA 44W
Emergency lighting for various applications

Individual and central battery systems of the future

We offer you emergency lighting solutions for your existing building or your new building. We adapt the lighting to your environmental requirements. Whether as an escape sign, an integrated solution in the light line or an emergency light as a single light, together we will develop your emergency lighting concept for the future based on your requirements, fire protection regulations and existing documents.



Your project in good hands

Our **lichtline** team takes care of your emergency lighting solution of the future, from advice to planning. Most of the **lichtline** lights are not only efficient and durable, but also suitable for use as emergency lighting. Corresponding information can be found in the technical data on the product pages. In an emergency, this could save your life or keep operations running. Contact us.

Trunking Systems

Whether for high bay warehouses or consecutive illumination - flexibility and ease of assembly are essential for trunking systems. Our trunking systems are also suitable for high ceilings where low-loss and aligned illumination is important. Because of the well thought-out design, the luminaires impress with future-proof control, high luminous efficacy and energy efficiency as well as fast installation, which saves the customer time and money. Regardless of whether it is a new installation or a refurbishment project.

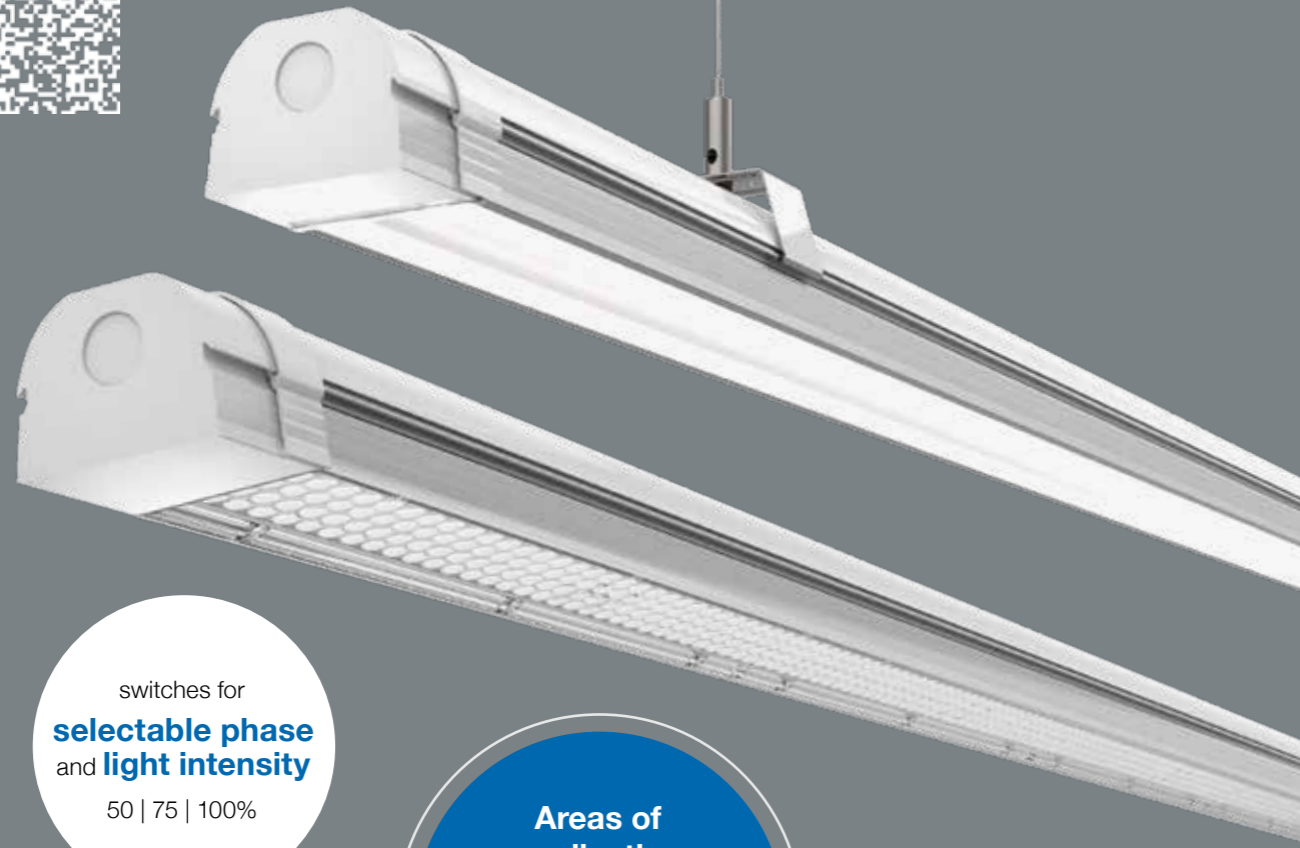
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5 Years
Guarantee

ClickLUX

ROCKET | SL



switches for
selectable phase
and **light intensity**
50 | 75 | 100%

Areas of application
Workshops
Warehouses
High-bay warehouses
Production halls

4000 K
5000 K
6500 K
maximum flexibility
because of adjustable
light color

increased degree of protection
IP 54

ecological
packaged from renewable
raw materials. No waste
separation

Highlights

low installation costs
through fewer work steps,
fewer modules and hanger
necessary

optimized light guiding
and **UGR <22**
for Rocket SL

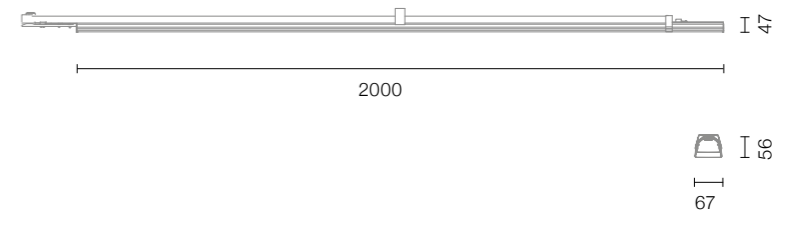
ROCKET EM

- CE
- DALI
- EN 14
- D
- IP 54
- IK 08
- IK 05
- SWITCH
- EL
- EM
- Tree icon

Technical data

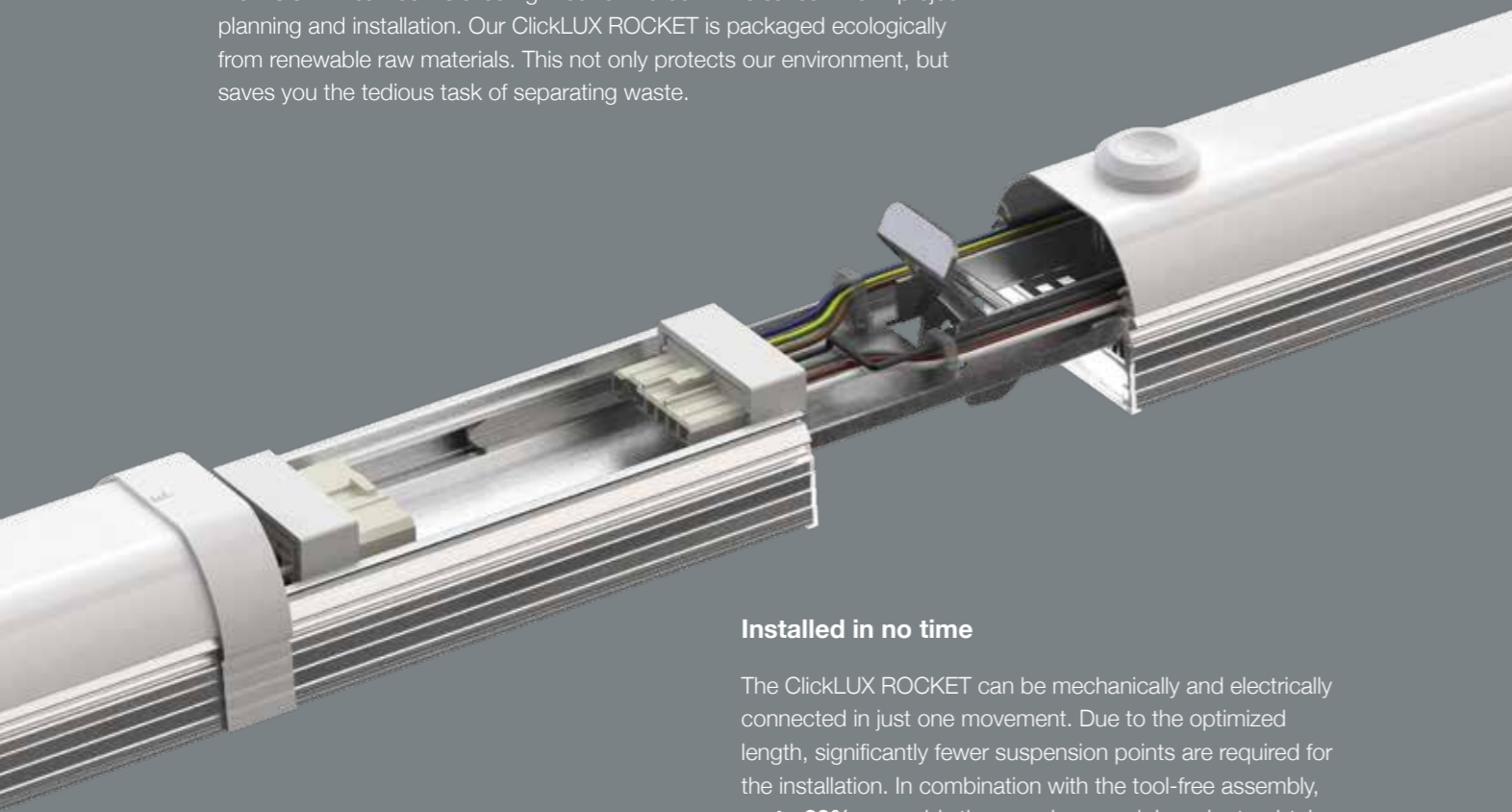
Light flux	up to 11.800 lm
Power consumption	76 W
Luminous efficiency	up to 155 lm/W
Beam angle	30° 90° SL: 90° 25 x 60°
Light colour	4000 5000 6500 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	3,0 - 3,2 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	176 - 264 V DC
Operating temperature	-20°C to +50°C
Through-wiring	6 x 1,5 mm ² , 1 x 2,5 mm ²
Connection	Plug: 7-pols, max. 2,5 mm ²
UV-resistant	limited
Dimmable	DALI Slide switch
IP Code	IP 54
Impact resistance	IK 08 IK 05 for ROCKET EM
Applicable in the food sector	yes
Cover	clear (30°, SL) diffuse (90°)
Housing colour	aluminium white
Housing material	aluminium PC
Luminaire per circuit breaker B10A	27
Luminaire per circuit breaker C10A	27
Luminaire per circuit breaker B16A	42
Luminaire per circuit breaker C16A	42
Protection class	I

Dimensions in mm



Two meters that change the world

Economy along the entire length. Due to the optimized length of 2000 mm and the few assembly steps required, the system is particularly easy to plan. All the necessary accessories are included in the scope of delivery, so the ROCKET can be installed right out of the box. This saves time in project planning and installation. Our ClickLUX ROCKET is packaged ecologically from renewable raw materials. This not only protects our environment, but saves you the tedious task of separating waste.



Installed in no time

The ClickLUX ROCKET can be mechanically and electrically connected in just one movement. Due to the optimized length, significantly fewer suspension points are required for the installation. In combination with the tool-free assembly, **up to 33%** assembly time can be saved. In order to obtain a finished Trunking system, only the connection set is required. If you have any questions about the installation height and project implementation, please contact our light planning service.

Accessories

Cord suspension

Chain suspender
Chain not included in the scope of delivery of the hanger

Connection set

Content per set
2 x end cap
1 x connector plug
2 x hanger
1 x sealing clip

Blank module (1 und 2 m)
available in plastic and aluminium

Trunking system during the assembly easy to configure



Unbeatably clever

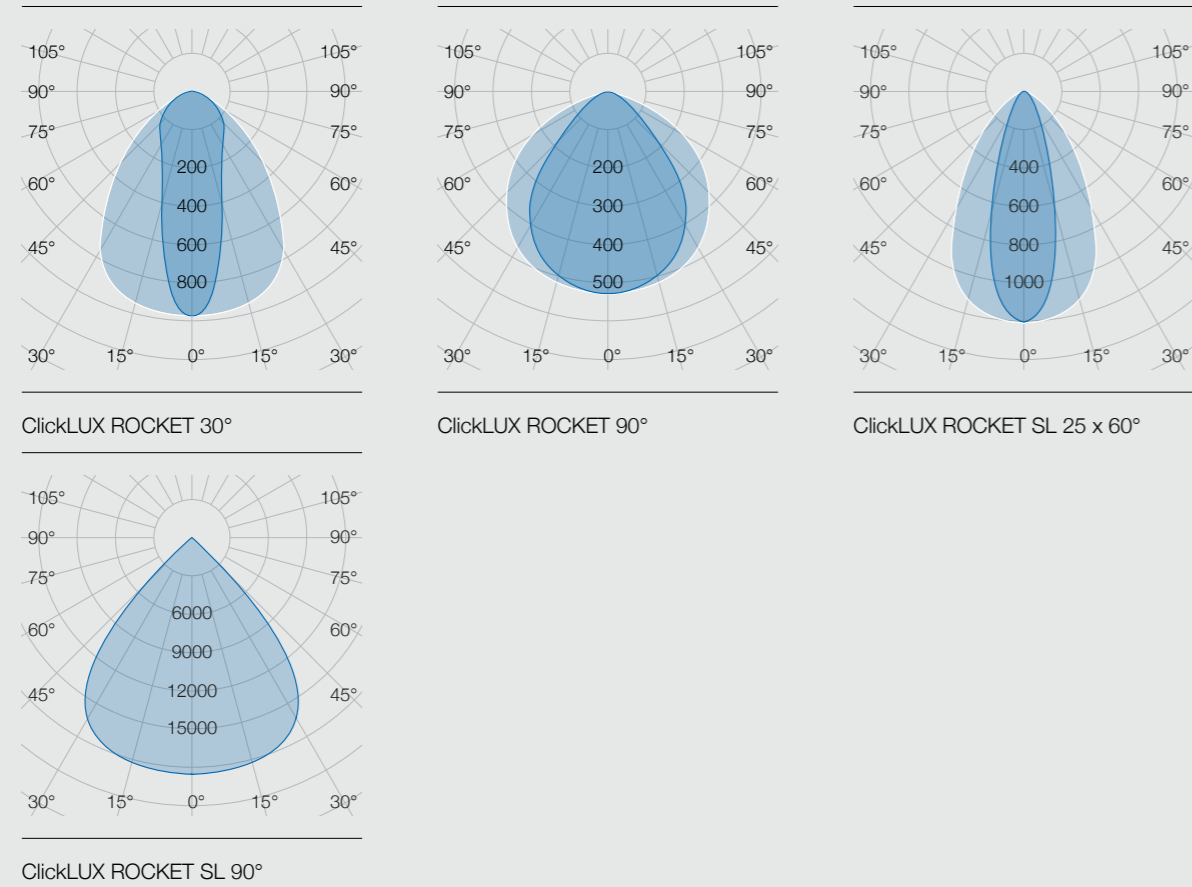
Select the **light colour, phase** and **light output** using the switch before or during installation. Our industry-optimized control gear adapts the light strip to every situation with a click - and it's integrated as standard.



When more is simply less

- **Fewer articles** in project planning
 - **Less time and costs** during assembly
 - **Less waste** after assembly
- = **Less total costs** in the project

Polar distribution curves



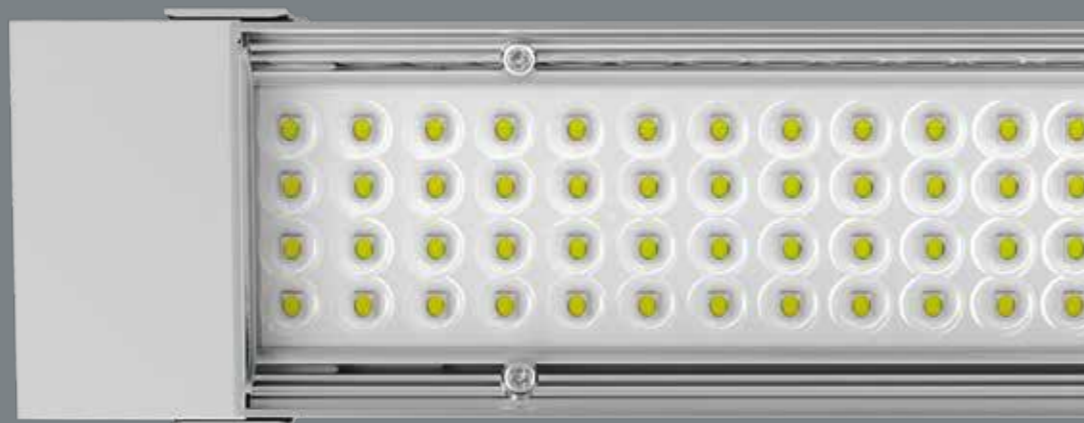
ClickLUX ROCKET SL

Our ClickLUX ROCKET is now also available with single lens technology in 90° and 25 x 60° versions. This allows you to optimally adapt your illumination to the lighting situation.

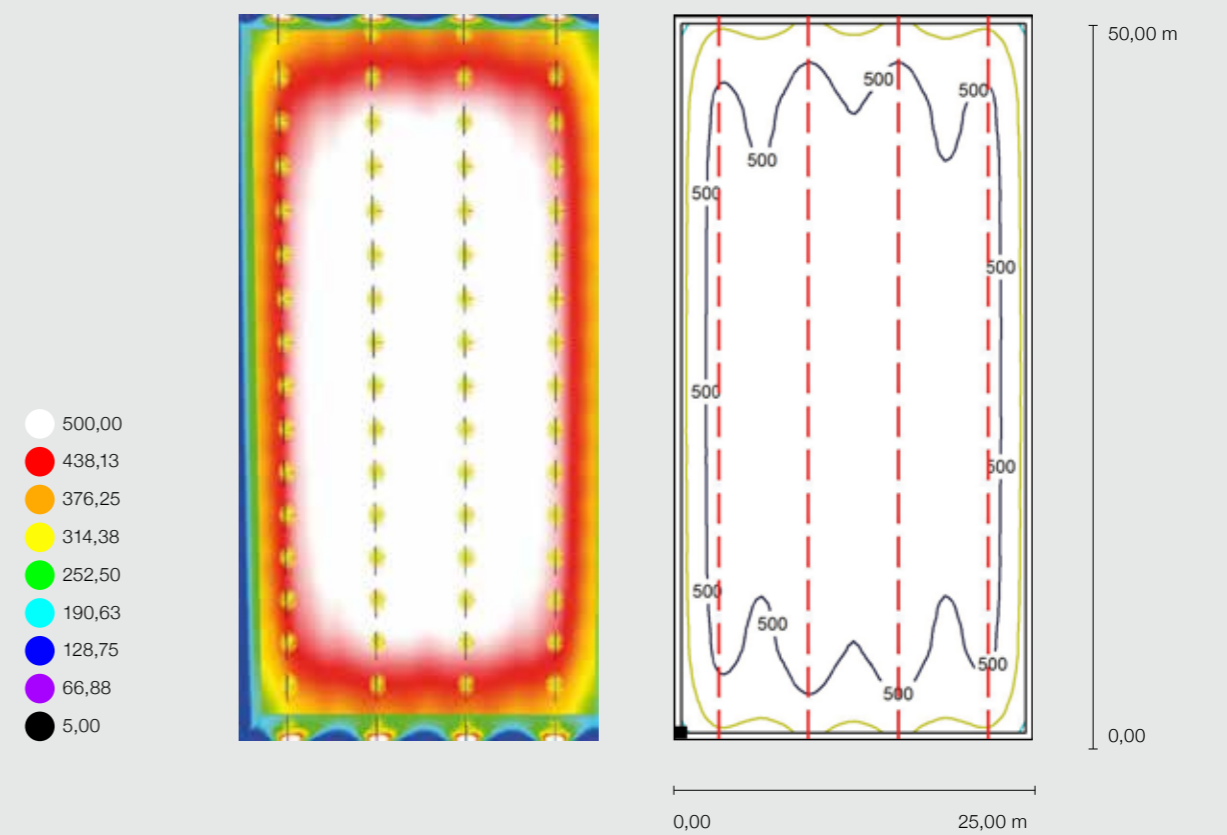
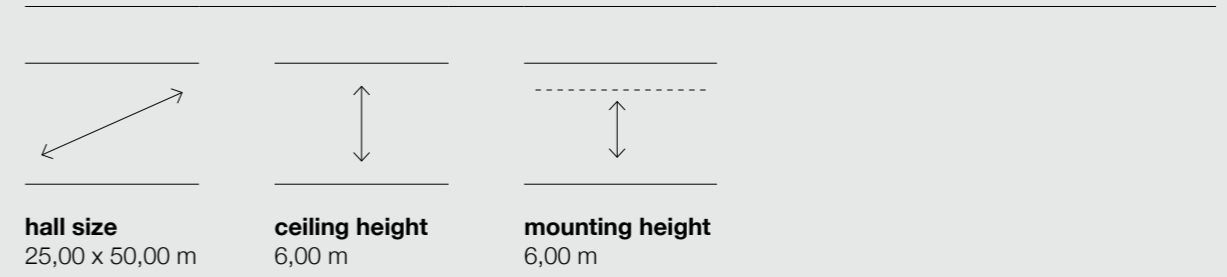
Choose the SL 90° for a wide yet focused light, low glare and more.

brightness on the ground. The light is therefore also suitable for larger heights and traffic areas.









The SL 25 x 60° was specially designed for the lighting of corridors and corridors with greater heights. With the ClickLUX ROCKET SL, the light always arrives exactly where it is actually needed.










Lighting calculation example




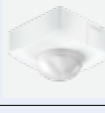
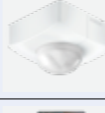



ClickLUX ROCKET

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
ClickLUX ROCKET 90, DALI	722095750073	4260374014317		4000 K 5000 K 6500 K	11.500	76	90° 2000 x 67 x 47 (56)	302,08 €	6
ClickLUX ROCKET 30, DALI	722095750074	4260374014324		4000 K 5000 K 6500 K	11.800	76	30° 2000 x 67 x 47 (56)	302,08 €	6
ClickLUX ROCKET 90 EM, DALI, for single battery**	722095220093	4260374015024		4000 K 5000 K 6500 K	11.500	76	90° 2000 x 67 x 47 (84)	768,75 €	6
ClickLUX ROCKET 90 EM, DALI, for group battery	722095240128	4260374015550		4000 K 5000 K 6500 K	11.500	76	90° 2000 x 67 x 47 (84)	518,75 €	6
ClickLUX ROCKET SL 90, single lense, DALI	722095750147	4260374016854		4000 K 5000 K 6500 K	11.750	76	90° 2000 x 67 x 47 (56)	322,92 €	6
ClickLUX ROCKET SL 30, single lense, DALI	722095750148	4260374016861		4000 K 5000 K 6500 K	11.750	76	25 x 60° 2000 x 67 x 47 (56)	322,92 €	6

 Scope of delivery: incl. 1x hanger for ceiling or wire mounting. Project variant on request; *in emergency o i peration 450 lm at 3 W

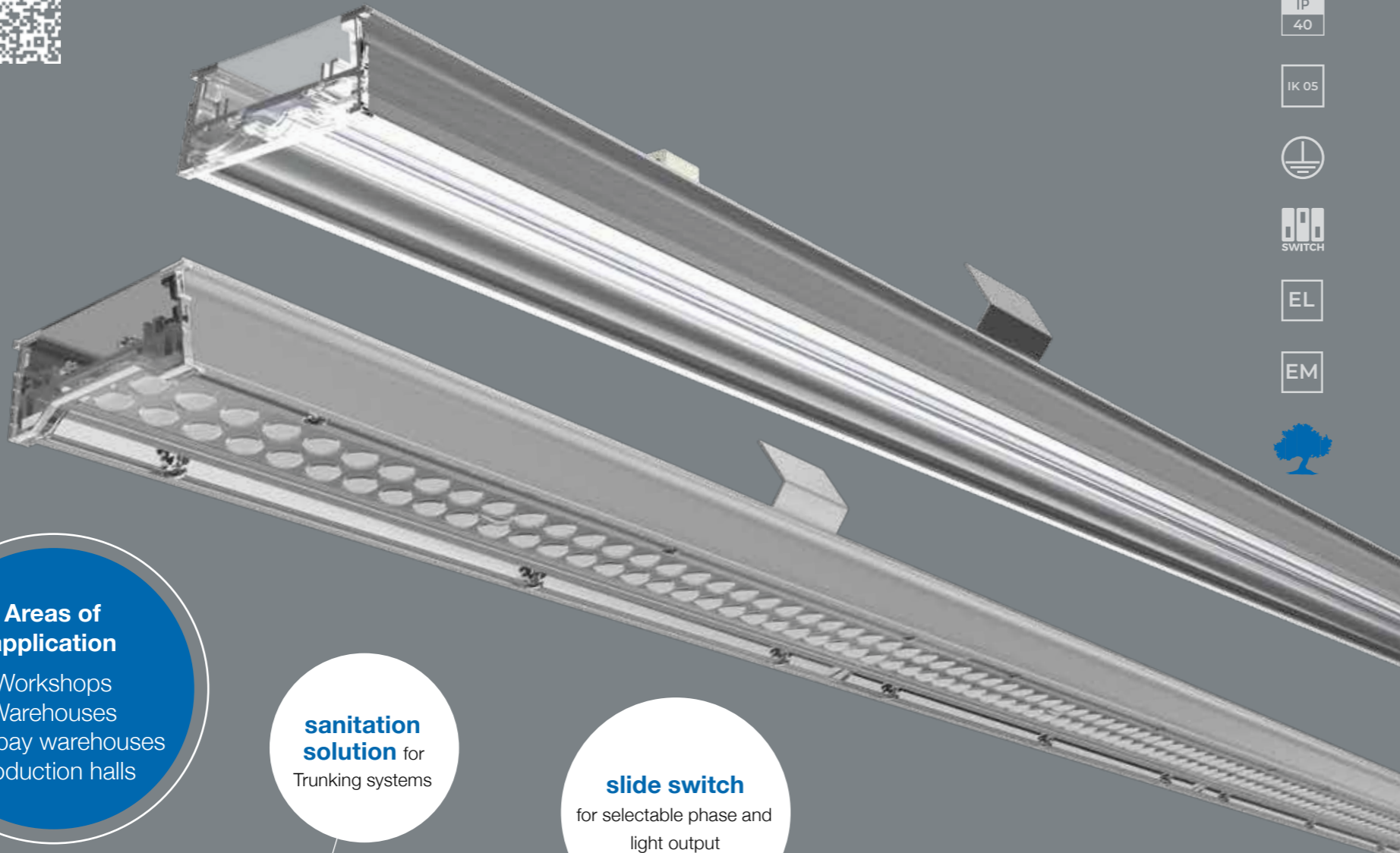
Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 ClickLUX ROCKET blank module 1 m aluminium	721000110075	4260374014331	1000 x 67 x 47 (56)	82,29 €	6
 ClickLUX ROCKET blank module 1 m PVC	721021110139	4260374015727	1000 x 67 x 47 (56)	67,71 €	6
 ClickLUX ROCKET blank module 2 m aluminium	722000110159	4260374017158	1000 x 67 x 47 (56)	123,96 €	6
 ClickLUX ROCKET blank module 2 m PVC	722021110146	4260374016090	2000 x 67 x 47 (56)	96,88 €	6
 ClickLUX ROCKET connection set: 2x End cap 1x Connector plug 2x Suspension brackets 1x Sealing clip	724785020020	4260374014355	2000 x 67 x 47 (56)	31,25 €	1
 ClickLUX ROCKET chain suspender	724784040022	4260374014423	67 x 30 x 53	7,29 €	80

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 cord suspension 1 x 2 m	724786020029	4260374015260	2000	11,46 €	6
 cord suspension 1 x 5 m	724786050030	4260374015277	5000	15,63 €	6
 ClickLUX ROCKET accessory module 1 m mit Kabel	721000110182	4260374018506	1000 x 67 x 47 (56)	123,96 €	6
 IS 345 MX Highbay, DALI -2 APC, motion detector	LL010591	4007841010591	65 x 95 x 95	146,88 €	1
 IS 345 MX Highbay, DALI -2 IPD, motion detector	LL057398	4007841057398	65 x 95 x 95	132,29 €	1
 Smart Remote Bluetooth remote control for all sensors	LL009151	4007841009151		122,92 €	1

ClickLUX 2.0 | SL



5 Years
Guarantee



Technical data

Light flux	bis zu 8.950 lm
Power consumption	56 W
Luminous efficiency	up to 160 lm/W
Beam angle	90° 30° SL: 90° 25 x 60°
Light colour	4000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 4 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	2,0 -2,5 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	176 - 264 V DC
Operating temperature	-20°C to +50°C
Through-wiring	4 x 1,5 mm ² , 1 x 2,5 mm ² , 6 x 1,5 mm ² , 1 x 2,5 mm ² -DALI
Connection	Plug: 7-pole, max. 2,5 mm ²
UV-resistant	limited
Dimmable	Slide switch DALI optional
IP Code	IP 40
Impact resistance	IK 05
Applicable in the food sector	on demand
Cover	clear (30°, SL) diffuse (90°)
Housing colour	aluminium
Housing material	aluminium PC
Luminaire per circuit breaker B10A	36
Luminaire per circuit breaker C10A	36
Luminaire per circuit breaker B16A	57
Luminaire per circuit breaker C16A	57
Protection class	I

Areas of application

Workshops
Warehouses
High-bay warehouses
Production halls

sanitation solution

for Trunking systems

slide switch

for selectable phase and light output
50 | 75 | 100%

Highlights

2.0 SL
UGR-unit
< 22

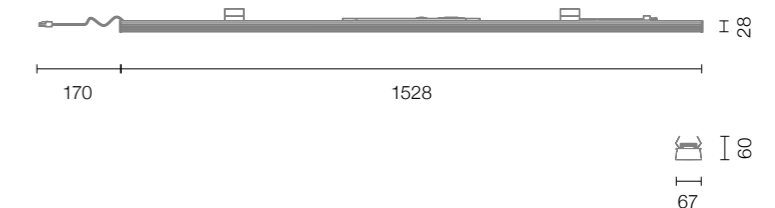
tool-free in only
3 Clicks mounted

compatible with 80 %

of commercially available T6/T8 mounting rails

saves **time and resources**,
since no new track must be bought.

Dimensions in mm



Assembly

One click and already mounted.

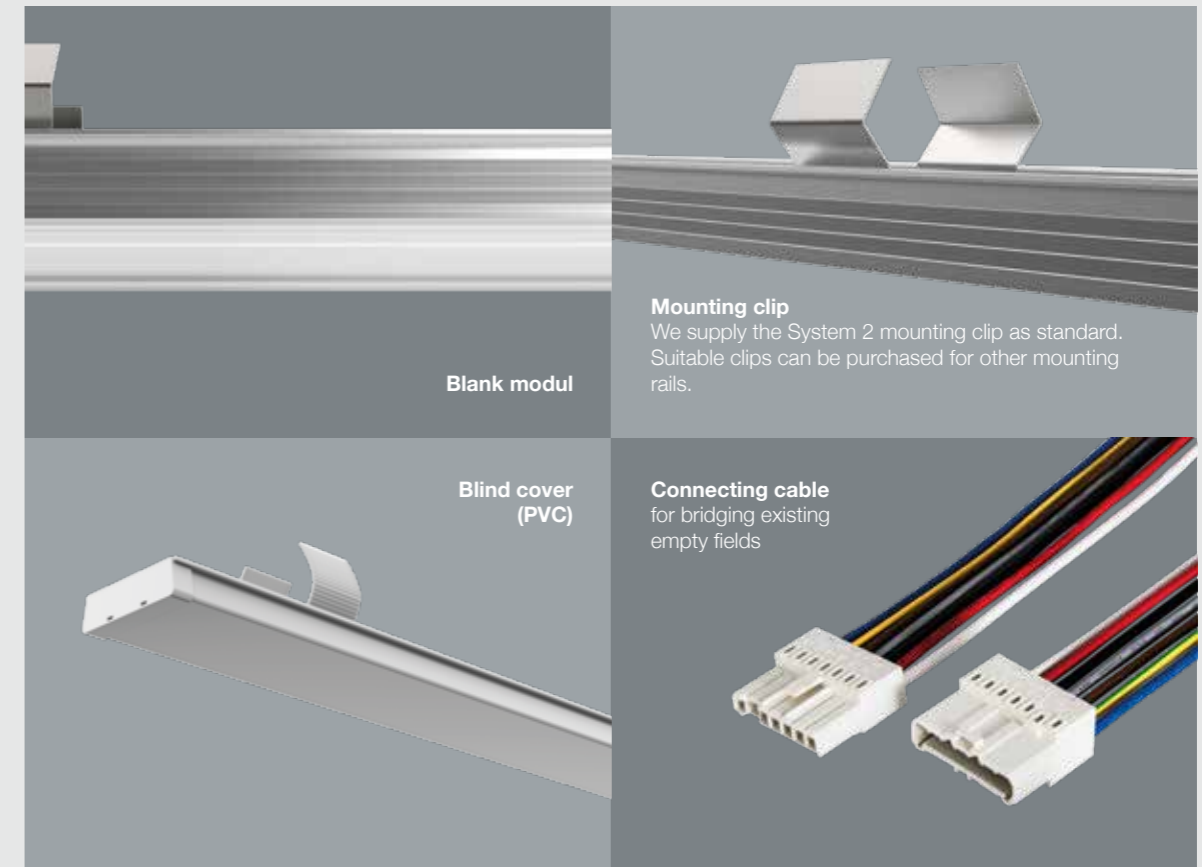
Due to the clever LED trunking system a simple and tool-free installation of the ClickLUX RELIGHT 2.0 is no problem.

ClickLUX 2.0 SL

Because of the innovative **single-lens technology**, we can react flexibly to any challenge and thus ensure perfect illumination.



Accessories



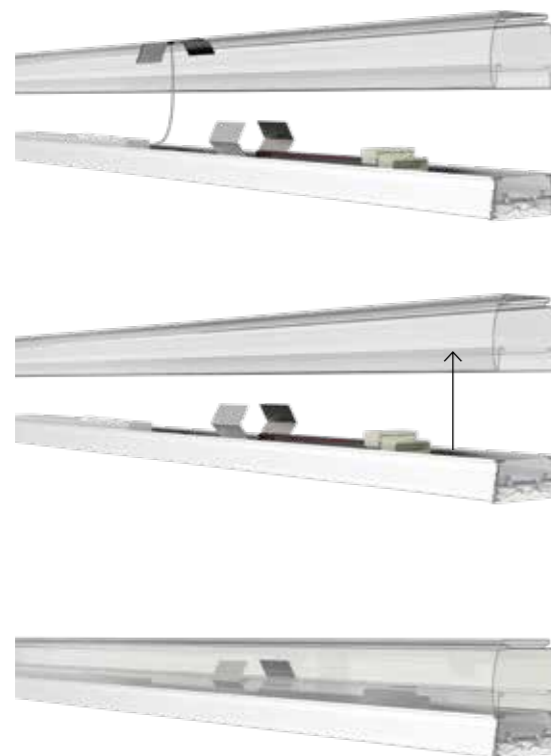
Blank modul

Mounting clip
We supply the System 2 mounting clip as standard. Suitable clips can be purchased for other mounting rails.

Blind cover (PVC)

Connecting cable
for bridging existing empty fields

Mounting system



1. Hook in

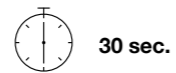
After removing the old light module, insert the mounting aid.



15 sec.

2. Connect supply line

Connect the supply cable and hook the light module into the mounting rail.



30 sec.

3. Click!

The light module snaps into the mounting rail with a click.



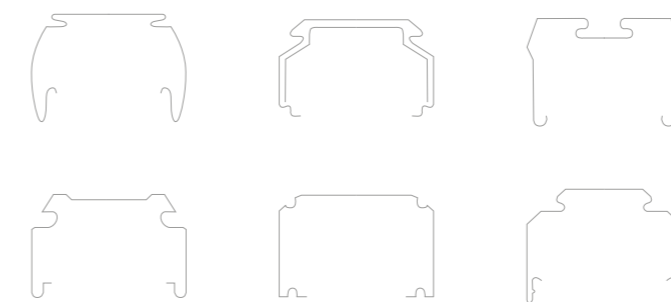
60 sec.

Number of modules per circuit breaker

Standard

B10A	_____	36 modules
C10A	_____	36 modules
B16A	_____	57 modules
C16A	_____	57 modules

Warning: Depending on installation type and length (wire cross-section 2,5mm²)

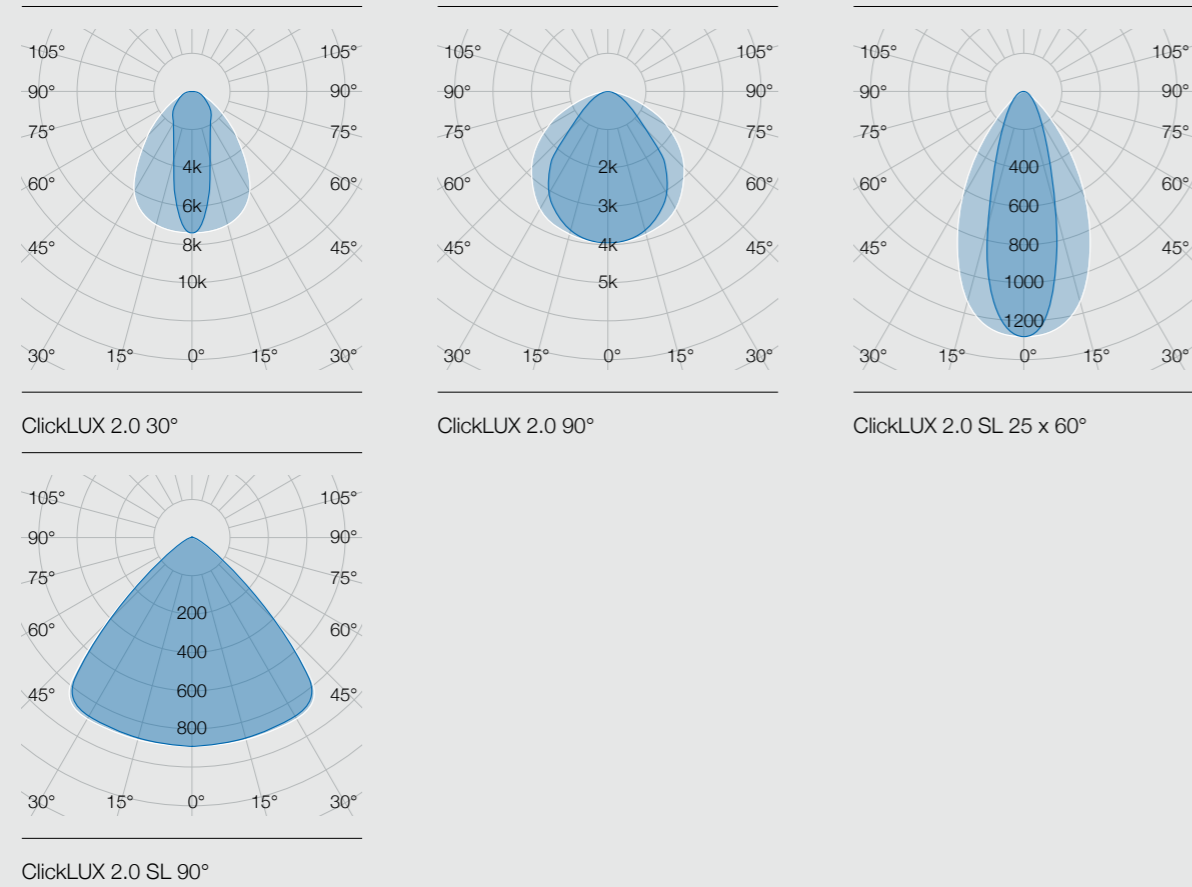


and many more

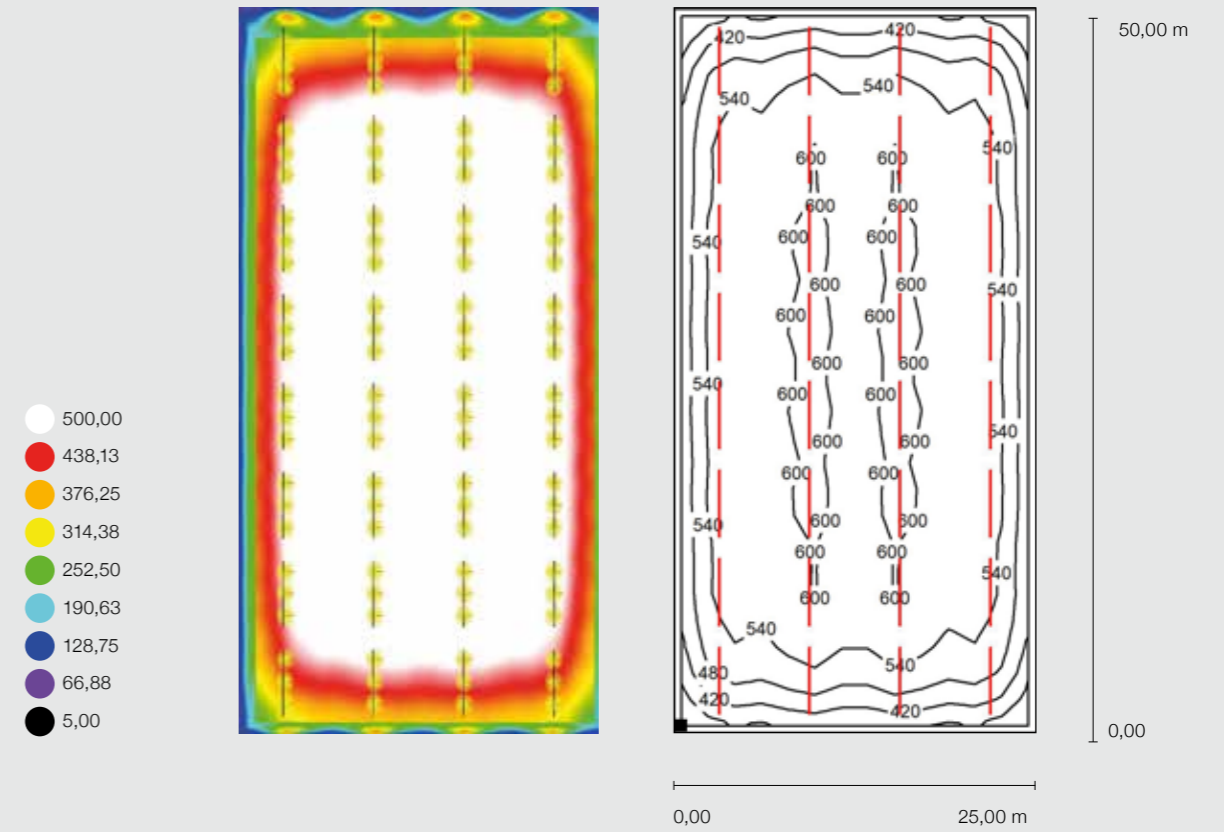
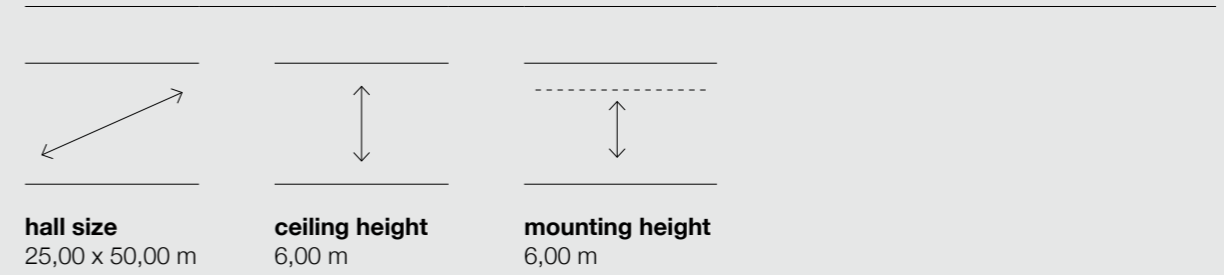
Unparalleled compatibility

The ClickLUX 2.0 is compatible with over 80% of the standard T5 and T8 trunking systems. You benefit from completely new cabling and new plug contacts without having to install a new trunking.

Polar distribution curves



Light calculation example



	E_m [lx]	g_1
Working plane	546	0,633

Luminaire parts list

Designation	piece	ϕ (luminaire) [lm]	total [lm]	P [W]	total P (W)
ClickLUX 2.0 90°	96	8.700	835.200	56	5.376

Light band during assembly is easy to configure



Unbeatably clever

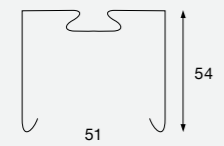
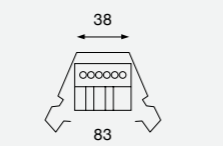
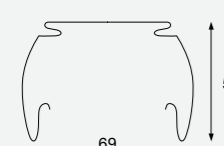
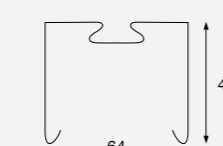
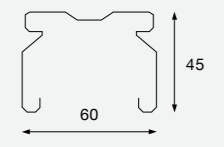
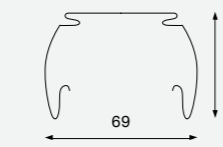
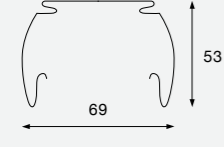
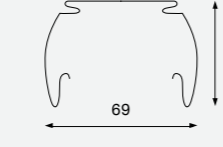
Simply select **light color, phase** and **light output** via switch during installation. Our industry-optimized ballast adjusts the continuous row to any situation with a click - and it's integrated as standard.

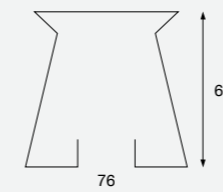
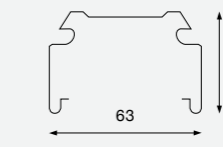
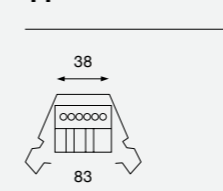
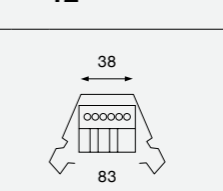
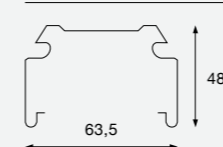
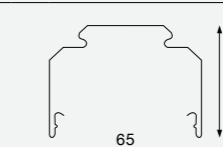
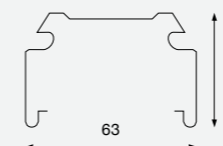
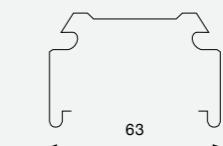
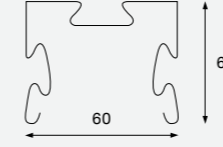
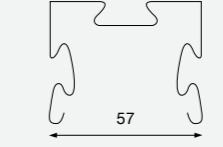
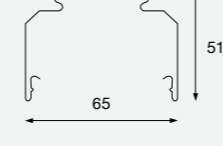
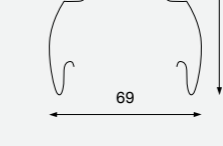
100% flicker-free quality light

The ClickLUX RELIGHT 2.0 has different lens technologies that enable precise illumination. This makes the luminaire perfect for all areas of application.

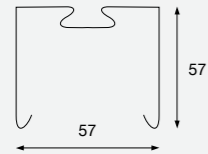
Compatibility list

Mounting rail systems for trunking systems

<p>1</p>  <p>Mounting rail AEG</p> <p>Modell Gealux-TS XX</p> <p>Note Installation possible, after dismantling the holder for the equipment carriers</p>	<p>2</p>  <p>Mounting rail AEG</p> <p>Model Maxos</p>
<p>3</p>  <p>Mounting rail Antaris</p> <p>Modell Trunking system</p> <p>Note Compatible with mounting clip system 1, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.</p>	<p>4</p>  <p>Mounting rail Fluora</p> <p>Model Nini-Fix</p>
<p>5</p>  <p>Mounting rail Fluolite</p> <p>Model TRZ</p>	<p>6</p>  <p>Mounting rail Kandem</p> <p>Model SV70, SV75</p> <p>Note Compatible with mounting clip system 1, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.</p>
<p>7</p>  <p>Mounting rail Litec</p> <p>Model N/A</p> <p>Note Compatible with mounting clip system 1, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.</p>	<p>8</p>  <p>Mounting rail Ludwig</p> <p>Model TR50W</p> <p>Note Compatible with mounting clip system 1, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.</p>

<p>9</p>  <p>Mounting rail Ludwig</p> <p>Model TR65</p> <p>Note Compatible with mounting clip system 4, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.</p>	<p>10</p>  <p>Mounting rail Newlec</p> <p>Model HSDT</p>
<p>11</p>  <p>Mounting rail Philips</p> <p>Model Maxos TL5</p>	<p>12</p>  <p>Mounting rail Philips</p> <p>Model Maxos TL-D</p>
<p>13</p>  <p>Mounting rail Philips</p> <p>Model TTX400</p>	<p>14</p>  <p>Mounting rail Regent</p> <p>Model Traq</p> <p>Note Installation only with currentless mounting rail</p>
<p>15</p>  <p>Mounting rail Regiolux</p> <p>Model ILT XX</p>	<p>16</p>  <p>Mounting rail Regiolux</p> <p>Model SDT XX</p>
<p>17</p>  <p>Mounting rail Regiolux</p> <p>Model SPT XX</p>	<p>18</p>  <p>Mounting rail Regiolux</p> <p>Model ST XX</p>
<p>19</p>  <p>Mounting rail Ridi</p> <p>Model VLT XX only compatible with (Art.-Nr. 15xxxxx)</p> <p>Note Installation only with currentless mounting rail</p>	<p>20</p>  <p>Mounting rail RZB</p> <p>Model Planos</p> <p>Note Compatible with mounting clip system 1, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.</p>

21

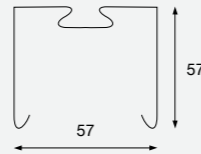


Mounting rail
Siemens

Model
5LS

Note
Installation possible, after dismantling the holder for the equipment carriers

22

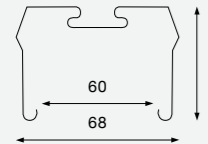


Mounting rail
Siemens / Siteco

Model
5LJ80 XX

Note
Installation possible, after dismantling the holder for the equipment carriers

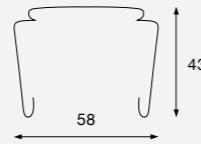
23



Mounting rail
Siteco

Model
DUS

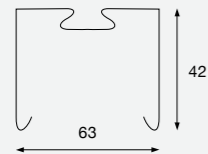
24



Mounting rail
Siteco

Model
Modario

25

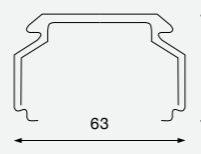


Mounting rail
Thorn

Model
98287

Note
Compatible with mounting clip system 1, optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.

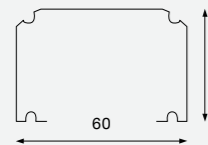
26



Mounting rail
Trilux

Model
07650 XX

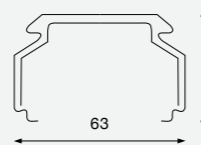
27



Mounting rail
Trilux

Model
7910X/7920X

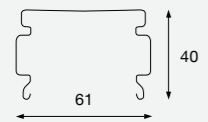
28



Tragschiene
Trilux

Model
07690 XX

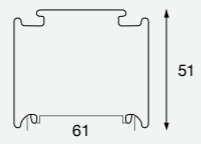
29



Mounting rail
Zumtobel

Model
ZX1

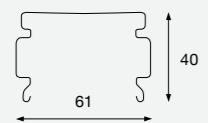
30



Tragschiene
Zumtobel

Model
ZX2

31



Mounting rail
Zumtobel

Model
Tecton

Note
Compatible with system , optionally available (Item no.: 704833010007). Mounting clip system 2 must be disassembled.

Mounting bracket systems

System 1

Antaris Trunking system	Ludwig TR50W
ClickLUX mounting rail	Regiolux SPT XX
Kandem SV70, SV75	RZB Planos
Litec	Thorn 98287

System 2

AEG Gealux-TS	Siemens 5LS
AEG Maxos	Siemens/Siteco 5LJ80 Serie
Fluora Nini-Fix	Siteco DUS
Fluolite TRZ	Siteco Modario
Newlec HSDT	Trilux 07650 XX
Philips Maxos TL5	Trilux 7910X/7920X
Philips Maxos TL-D	Trilux 07690 XX
Philips TXX400	Zumtobel ZX1 ZX2
Regent Traq	
Regiolux ILT XX	
Regiolux SDT XX	
Regiolux ST XX	
Ridi VLT XX (Art.-Nr. 15xxxxx)	

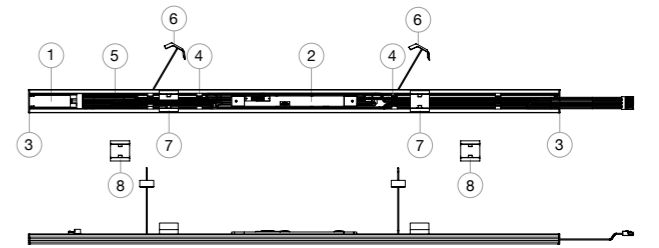
System 3

Zumtobel Tecton

System 4

Ludwig TR65*	*only on demand
--------------	-----------------


Equipping



- ① LED-module
- ② LED ballast
- ③ End caps
- ④ Cable holder
- ⑤ Wiring with WAGO connector
- ⑥ Mounting aid
- ⑦ Mounting clip system 2
- ⑧ Mounting clip system 1 (optionally available)








Further mounting rails can be tested on request, special designs are possible. All brand names and trademarks used here are the property of the respective legal owners and are used here for documentation purposes only.

ClickLUX 2.0 | SL

Product	Art.-Nr.	EAN		lm	Watt	Δ°	L x B x H mm	Gross Price	PU
ClickLUX 2.0 5000-90	701550560083	4260374014867	5000 K	8.700	56	90°	1528 x 67 x 28 (60)	155,21 €	6
ClickLUX 2.0 4000-90	701540560082	4260374014850	4000 K	8.700	56	90°	1528 x 67 x 28 (60)	155,21 €	6
ClickLUX 2.0 5000-30	701550560087	4260374014904	5000 K	8.500	56	30°	1528 x 67 x 28 (60)	165,63 €	6
ClickLUX 2.0 4000-30	701540560086	4260374014898	4000 K	8.500	56	30°	1528 x 67 x 28 (60)	165,63 €	6
ClickLUX 2.0 5000-90, DALI	701550560085	4260374014881	5000 K	8.700	56	90°	1528 x 67 x 28 (60)	186,46 €	6
ClickLUX 2.0 4000-90, DALI	701540560084	4260374014874	4000 K	8.700	56	90°	1528 x 67 x 28 (60)	186,46 €	6
ClickLUX 2.0 5000-30, DALI	701550560089	4260374014928	5000 K	8.500	56	30°	1528 x 67 x 28 (60)	196,88 €	6
ClickLUX 2.0 4000-30, DALI	701540560088	4260374014911	4000 K	8.500	56	30°	1528 x 67 x 28 (60)	196,88 €	6
ClickLUX 2.0 5000-90 EM, for single battery*	701550220095	4260374019275	5000 K	8.700	56	90°	1528 x 67 x 28 (60)	602,08 €	6
ClickLUX 2.0 5000-90 EM, für central battery	701550240097	4260374018841	5000 K	8.700	56	90°	1528 x 67 x 28 (60)	310,42 €	6
ClickLUX 2.0 4000-90 EM, for single battery*	701540220094	4260374019268	4000 K	8.700	56	90°	1528 x 67 x 65	602,08 €	6
ClickLUX 2.0 4000-90 EM, für Zentralbatterie	701540240096	4260374019282	4000 K	8.700	56	90°	1528 x 67 x 65	310,42 €	6
ClickLUX 2.0 SL 5000-90 DALI, Single lense	701550560152	4260374016908	5000 K	8.950	56	90°	1528 x 67 x 28 (60)	186,46 €	6
ClickLUX 2.0 SL 4000-90 DALI, Single lense	701540560151	4260374016892	4000 K	8.950	56	90°	1528 x 67 x 28 (60)	186,46 €	6
ClickLUX 2.0 SL 5000-30 DALI, Single lense	701550560156	4260374016946	5000 K	8.700	56	25 x 60°	1528 x 67 x 28 (60)	196,88 €	6
ClickLUX 2.0 SL 4000-30 DALI, Single lense	701540560155	4260374016939	4000 K	8.700	56	25 x 60°	1528 x 67 x 28 (60)	196,88 €	6



Scope of delivery: incl. 2x Montageclip System
Other light colors and other emergency lighting options on demand.

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 ClickLUX 2.0 blank module, with feed-through wiring	701500110090	4260374014959	1528 x 67 x 28 (60)	82,29 €	6
 ClickLUX 2.0 Mounting clip System 1	704833010007	4260374015246	65 x 50 x 67	4,17 €	2
 ClickLUX 2.0 Mounting clip System 3*	704833030009	4260374016069	58 x 40 x 35	6,25 €	2
 ClickLUX Connection cable	704793150004	4260374012610	1548	31,25 €	1
 ClickLUX 2.0 Blind cover for mounting rails of system 2	704796030034	4260374016083	1500	19,79 €	30
 ClickLUX 2.0 mounting clip for blind cover 1 x Mounting clip 1 x Mounting screw	704796030038	4260374017325	60 x 30 x 50	2,08 €	1
 ClickLUX 2.0 Connector plug	704794000005	4260374012634	7-polig	7,29 €	1



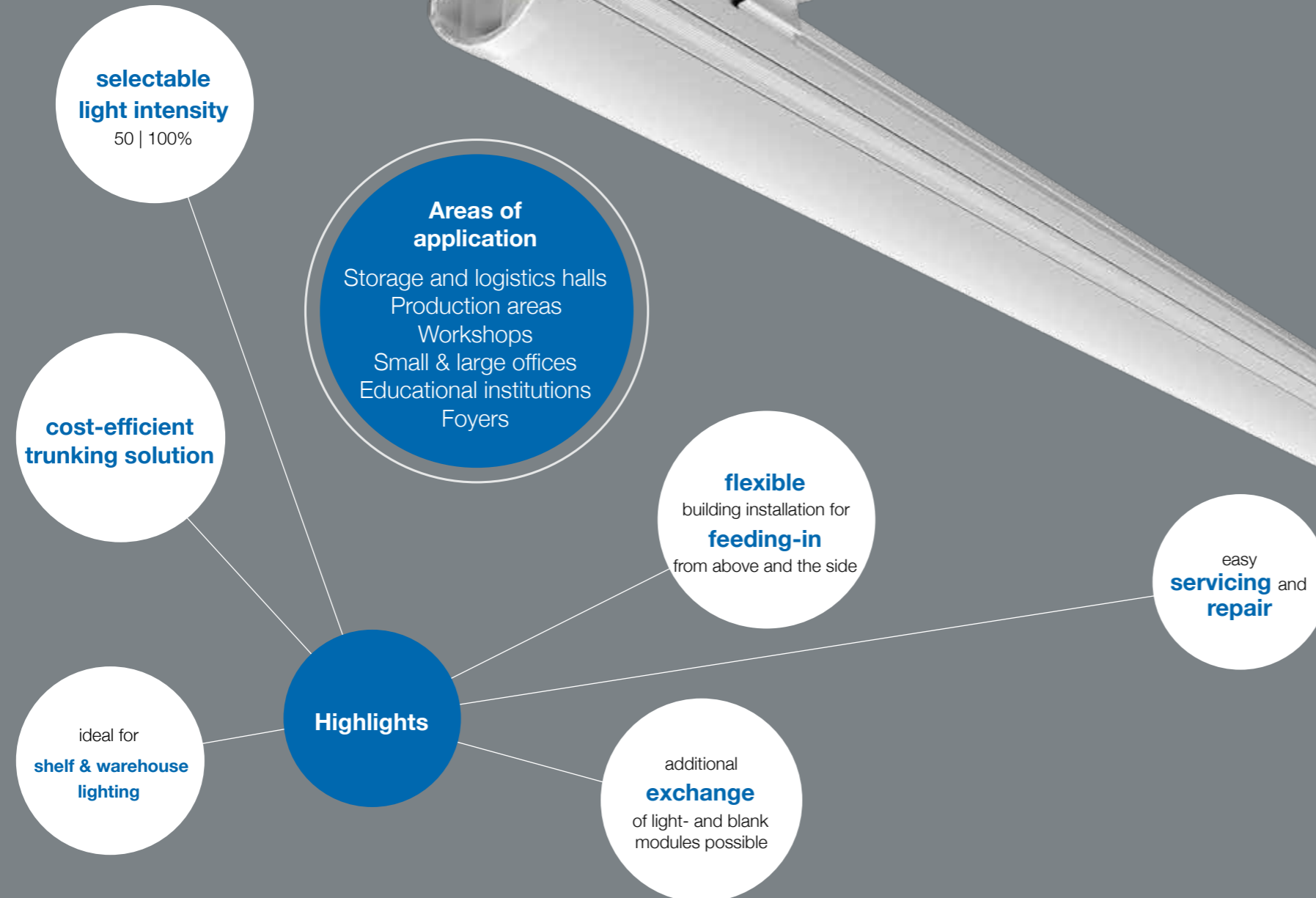
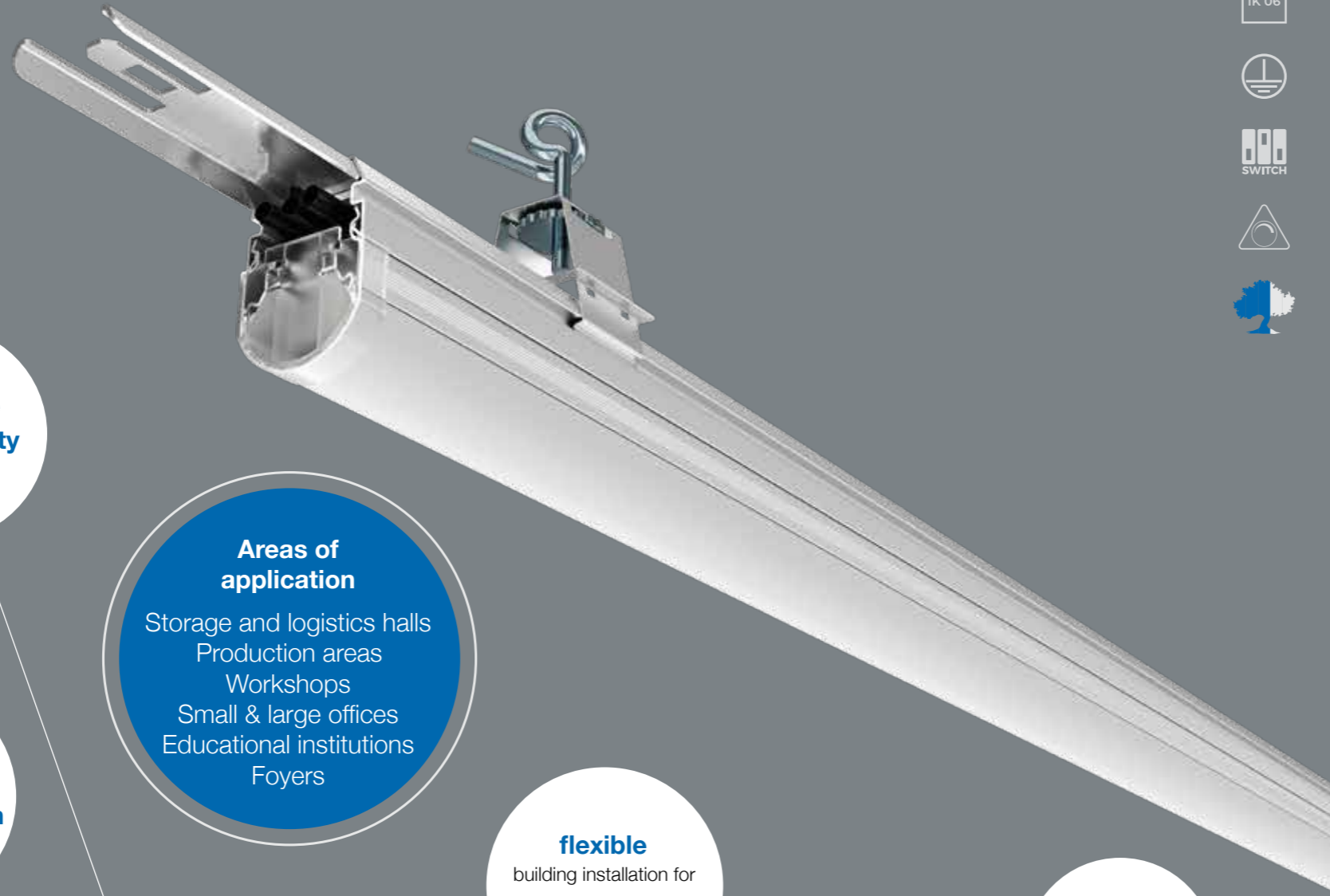
* 2x required per LED module

ClickLUX
EASY

NEU



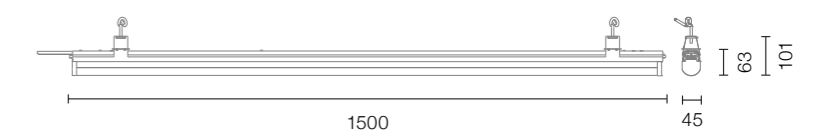
3 Years
Guarantee



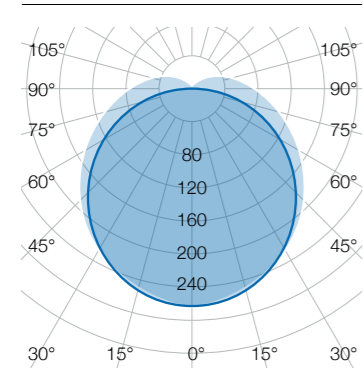
Technical data

Light flux	8.600 lm
Power consumption	58 W
Luminous efficiency	148 lm/W
Beam angle	130°
Light colour	4000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 4 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	1,4 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +50°C
Through-wiring	3 x 1,5 mm ²
Connection	Plug: 3-pole, max. 2,5 mm ²
UV-resistant	no
Dimmable	DIP-Plug
IP Code	IP 40
Impact resistance	IK 06
Applicable in the food sector	yes
Cover	diffuse
Housing colour	aluminium
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	7
Luminaires per circuit breaker C10A	12
Luminaires per circuit breaker B16A	12
Luminaires per circuit breaker C16A	20
Protection class	I

Dimensions in mm



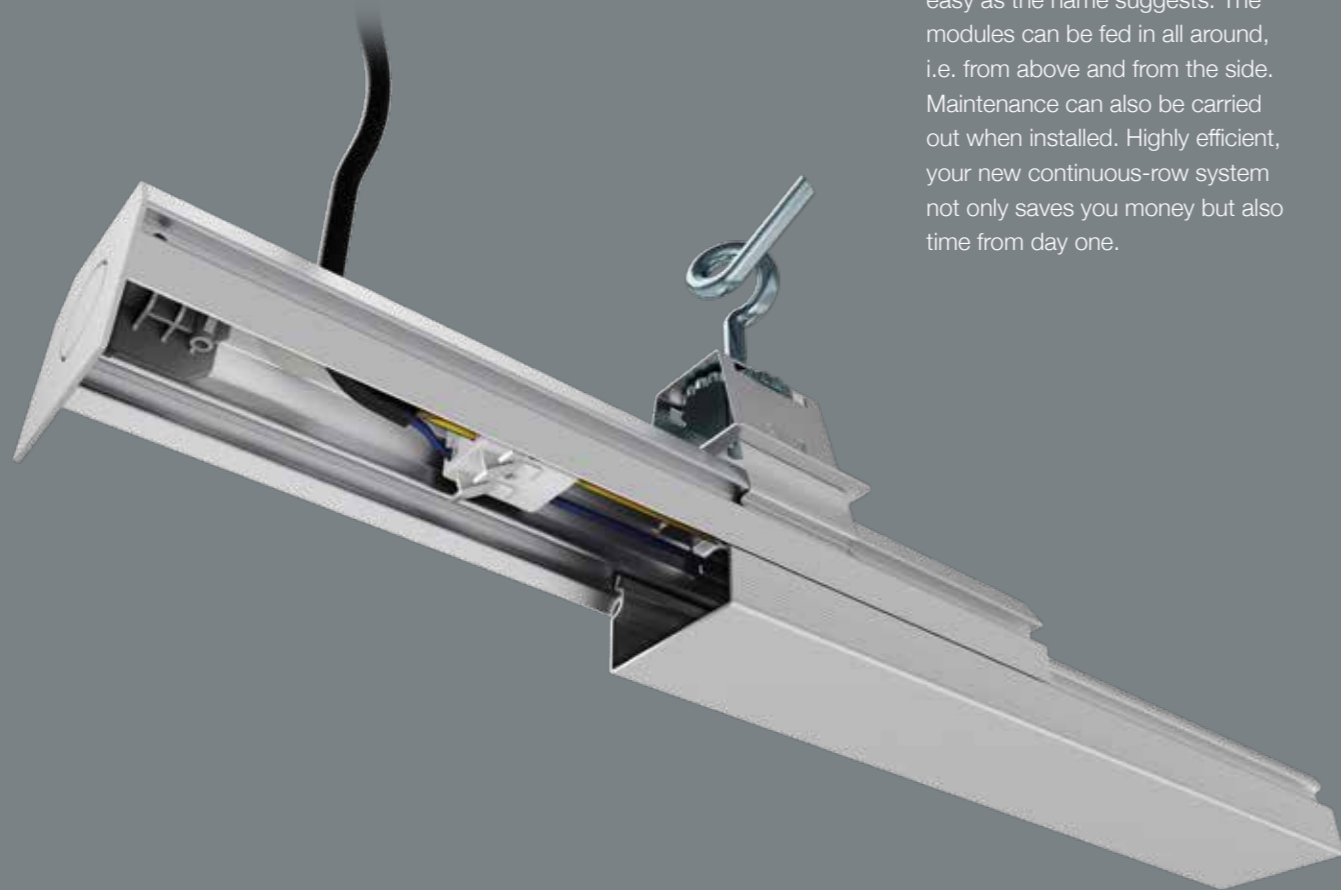
Polar distribution curve



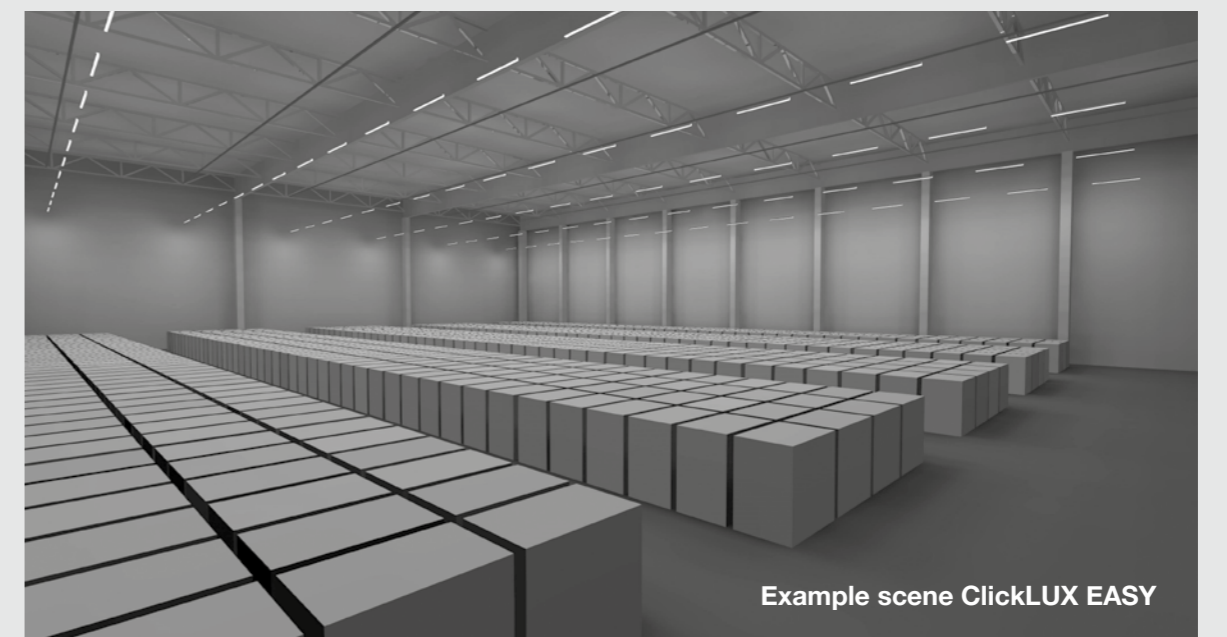
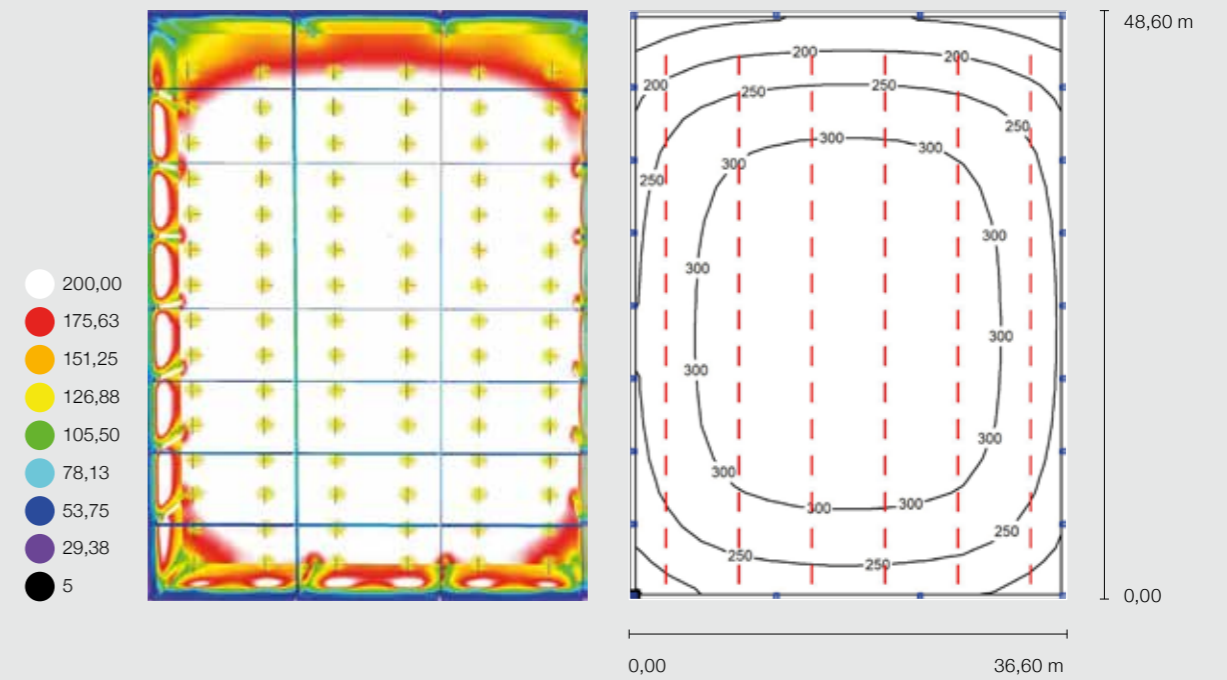
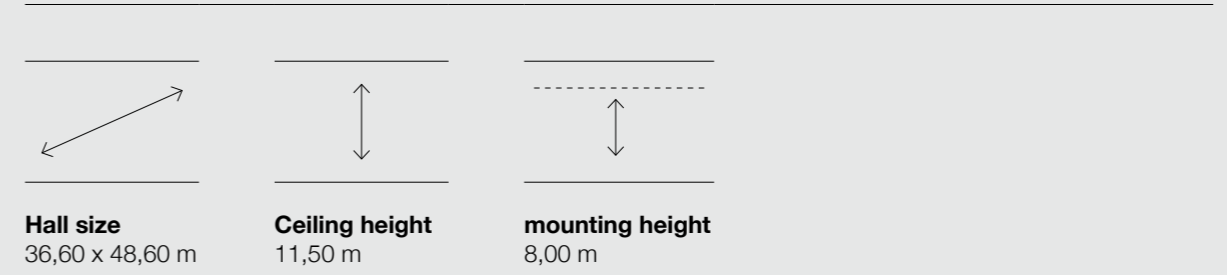
ClickLUX EASY 130°

The carefree Installation

Installing the ClickLUX EASY is as easy as the name suggests. The modules can be fed in all around, i.e. from above and from the side. Maintenance can also be carried out when installed. Highly efficient, your new continuous-row system not only saves you money but also time from day one.

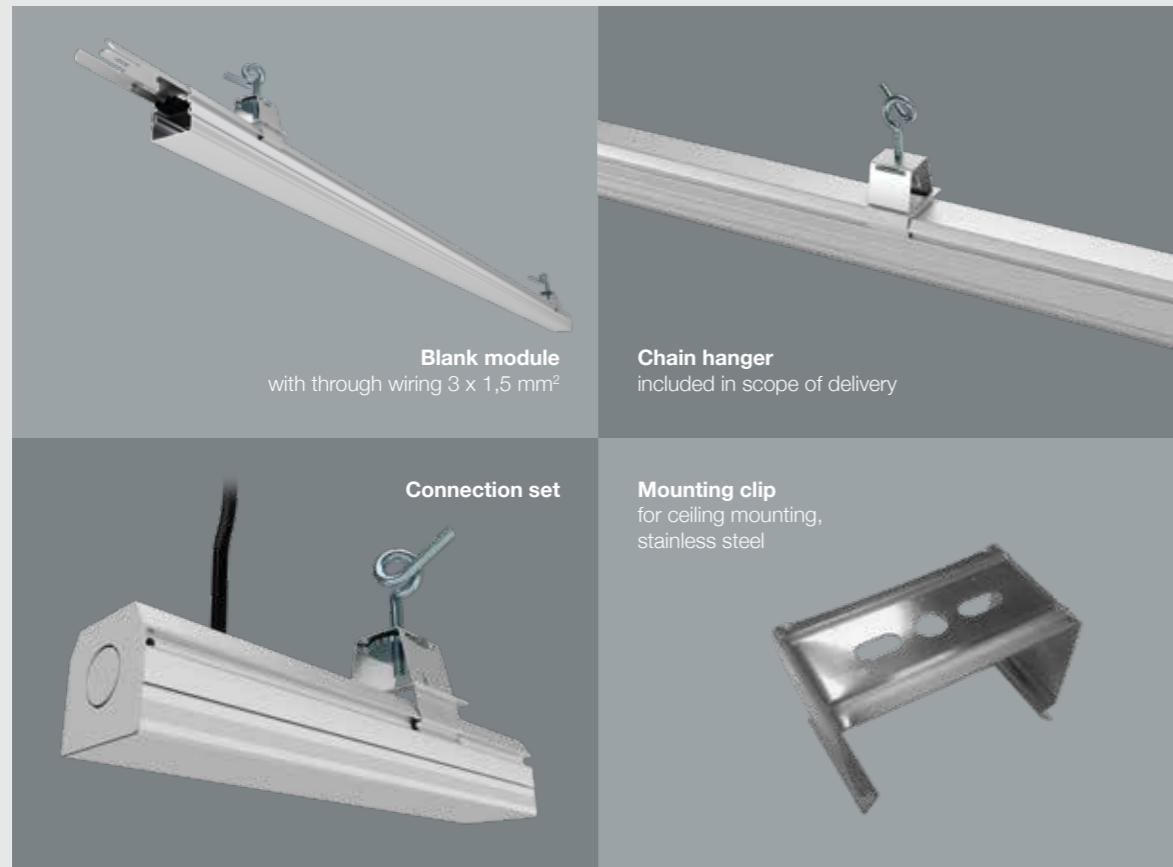


Lighting calculation example



Example scene ClickLUX EASY

Accessories



Blank module
with through wiring 3 x 1,5 mm²

Chain hanger
included in scope of delivery

Connection set

Mounting clip
for ceiling mounting,
stainless steel



subsequent
exchange of
light and
blank modules

Easy to assemble

The variety is great: depending on the area of application, choose between chain or wire suspension or direct mounting on the ceiling and have your light line solution tailored to your needs. Without further costs, simply and flexibly. The modules can be connected to each other without tools, which makes subsequent replacement of light and empty modules child's play.

ClickLUX EASY

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
ClickLUX EASY	711550600169	4260374017639	5000 K	8.600	58	130°	1500 x 45 x 63 (101)	123,96 €	6
ClickLUX EASY	711540600168	4260374017622	4000 K	8.600	58	130°	1500 x 45 x 63 (101)	123,96 €	6

Scope of delivery: incl. 2x chain hangers

Accessory	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
ClickLUX EASY blank module	711500110170	4260374017646	1500 x 45 x 63 (101)	53,13 €	6
ClickLUX EASY connection set 1x Connection module, 1x End cap, 1x Suspension	714785000042	4260374017653		20,83 €	25
ClickLUX EASY Mounting clip for ceiling and cable mounting*	714784000014	4260374018032	45 x 25 x 27	2,08 €	2
Wire suspension 1 x 2 m	724786020029	4260374015260	2000	11,46 €	6
Wire suspension 1 x 5 m	724786050030	4260374015277	5000	15,63 €	6

* 2x required per LED module

All prices refer to 1 piece plus VAT.

NEW in our assortment

Damp-proof luminaires

Dust, water and cold place high demands on a dampproof luminaires every day. Due to many years of industrial expertise, we at lichtline have exactly the right lighting solution for use in demanding environments. Whether in cold stores, cellars, industrial kitchens, production halls or car washes - the robust construction and the weather and UV-resistant material meet almost all requirements in damp rooms.

IndustryLUX TUBOLA	48
IndustryLUX FARO X3	56
DeLUX SPLASH	62



IndustryLUX

TUBOLA



5 Years
Guarantee

Areas of application

Warehouse / cold storage
Workshops
Underground garages
Food industry



4000 K
5000 K
6500 K
maximum flexibility
thanks to adjustable
light color

thanks to shatterproof
polycarbonate suitable for
food industry

weather resistant
and optionally with
Pressure compensation
membrane available

particularly resistant
TUBOLA X
for even more
possible uses

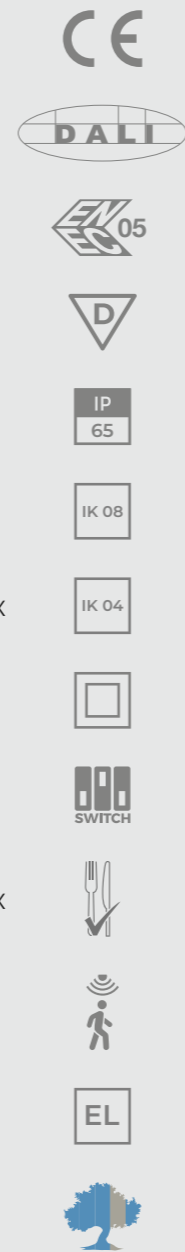
Highlights

theft protection
thanks to the assembly with
stainless steel clamps

through-wired
up to
104 Tubola 1500 K3
(per B16A)

more assembly freedom
suitable for standard
pipe clamp size

fast tool-free assembly
with Quick-Snap-Clips



TUBOLA X

except TUBOLA X

Technical data

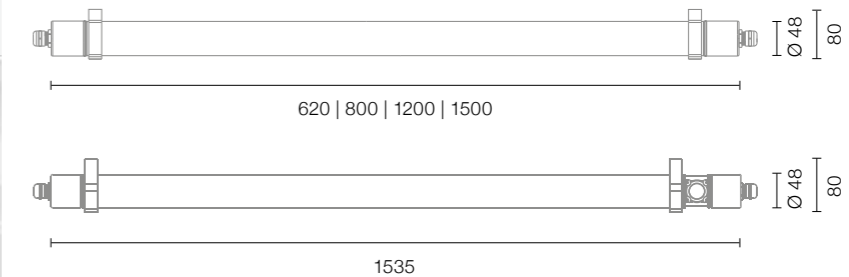
Light flux	up to 7.000 lm
Power consumption	12 - 45 W
Luminous efficiency	up to 156 lm/W
Beam angle	130°
Light colour	2400 - 6500 K, red, blue, green
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	0,4 - 1,0 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	176 - 276 V DC
Operating temperature	-25°C to +50°C
Through-wiring	3 x 1,5 mm ² 5 x 1,5 mm ² (DALI)
Connection	Clamp: 3-/5-pole, max. 1,5 mm ²
UV-resistant	limited for TUBOLA X yes
Dimmable	DALI optional
IP Code	IP 65
Impact resistance	IK 08 IK 04 (TUBOLA X)
Applicable in the food sector	yes
Cover	diffuse
Housing colour	white
Housing material	PC PMMA (TUBOLA X)
Luminaires per circuit breaker B10A	115 (12W) 94 (19W) 83 (25W) 65 (30W) 46 (45W)
Luminaires per circuit breaker C10A	173 104 83 65 46
Luminaires per circuit breaker B16A	185 151 132 104 74
Luminaires per circuit breaker C16A	276 166 132 104 74
Protection class	II

Damp-proof

Integrated motion sensor
with TUBOLA MOTION



Dimensions in mm

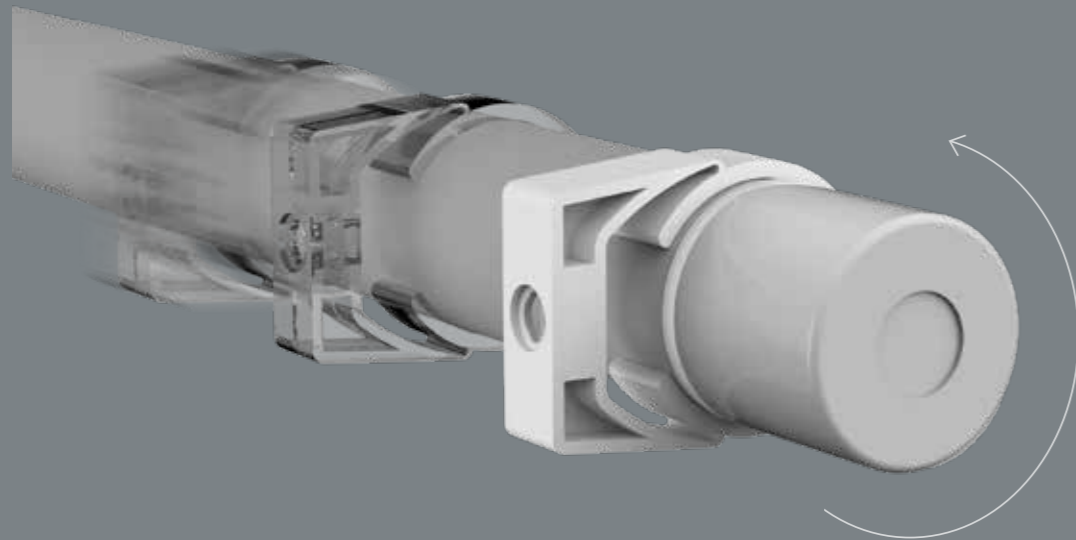


Assembly

Unbeatably flexible. Due the enclosed mounting clamps with quick-release fastener, simple and quick mounting on walls or ceilings is possible. Existing drill holes can be used for mounting and the luminaire can be fixed along its entire length.

Alternatively, use suitable fixing material according to the **industry standard Ø 50 mm.**

For more security and **theft protection**, mounting with stainless steel clamps is possible.



360° rotatable

Direction of beam freely adjustable.

Ceiling illumination

With the circumferential polycarbonate cover a particularly wide emission characteristic is favoured which illuminates the ceiling at the same time.

D-marking

For fire hazardous premises.

The proven TUBOLA is now also available in a warm white version. The light colour of **TUBOLA W3** can be changed with a slide switch between

2400 K 2700 K 3000 K

and lets your surroundings shine in a stylish light.



TUBOLA X

For even more application options, TUBOLA DALI and TUBOLA PLUS DALI are now also available as X-version with PMMA housing.

The PMMA housing has a high rigidity and a high degree of hardness, which leads to a low scratch sensitivity. In addition, the lamp is UV-resistant and shatterproof. The optimum light resistance and excellent light transmission also speak in favor of the material.

The lamp is not only suitable for unprotected outdoor areas, but is also resistant to many acidic and alkaline cleaning agents. In addition, the lamp offers an ideal solution for electroplating shops, rubber production or for tire storage.

The TUBOLA X is a particularly durable lamp that can withstand even the most difficult environments.

Integrated motion sensor and brightness sensor with TUBOLA MOTION

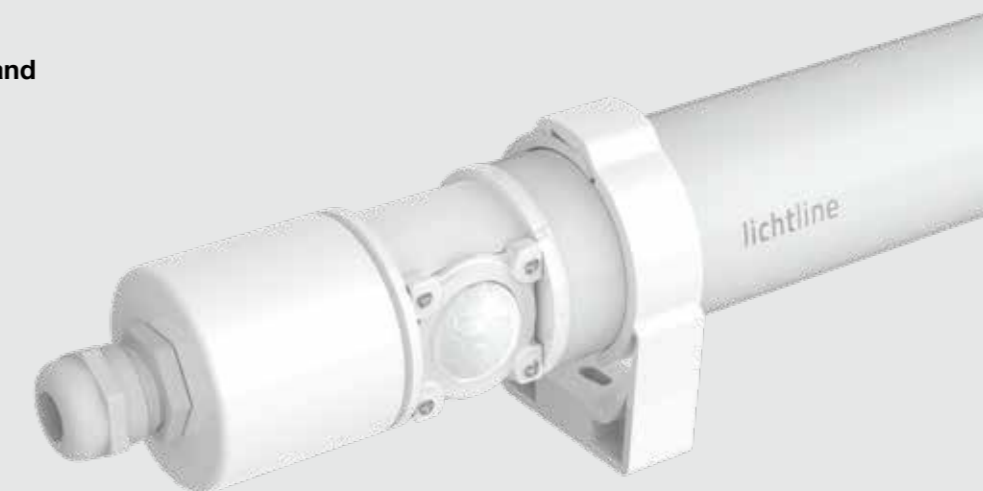
PIR-Sensor

coverage angle 90°

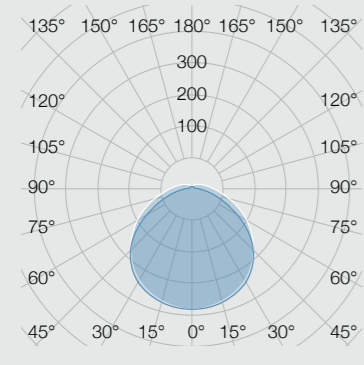
max. height 6 m,
coverage area Ø 12
at installation height 3 m
coverage area Ø 6

configuration options

burn time
brightness



Polar distribution curve



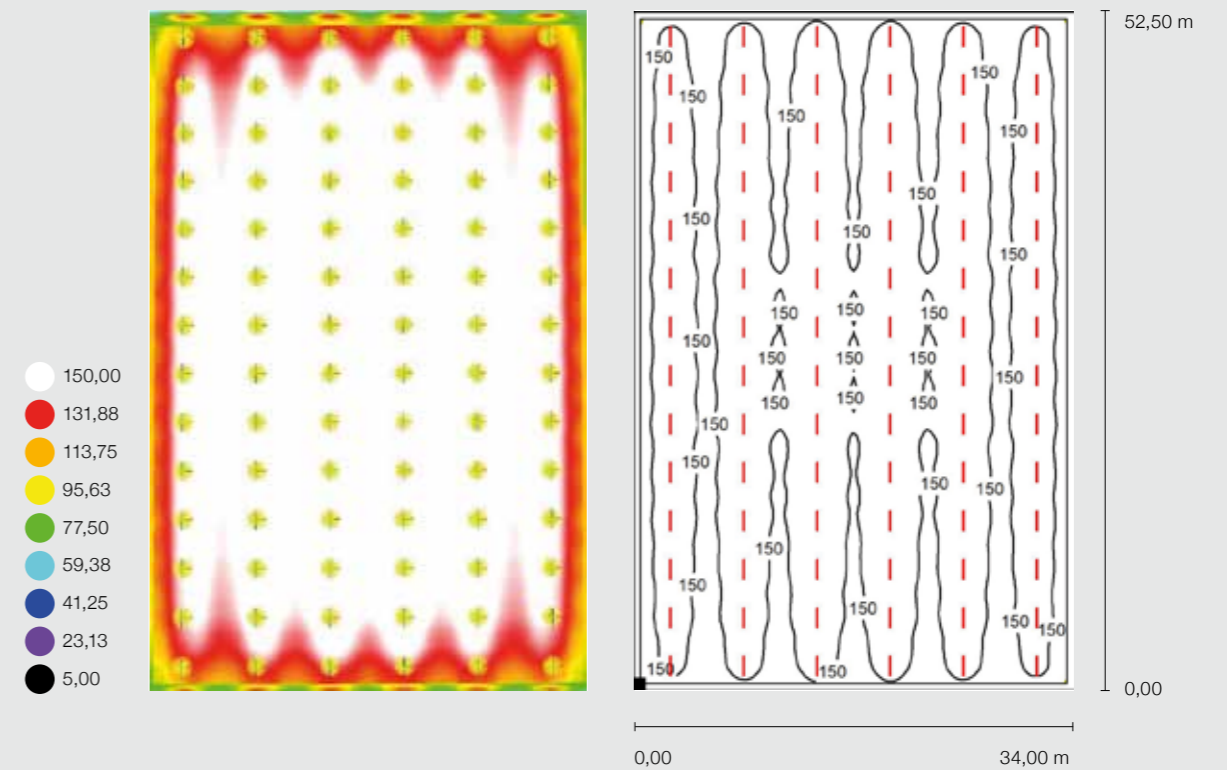
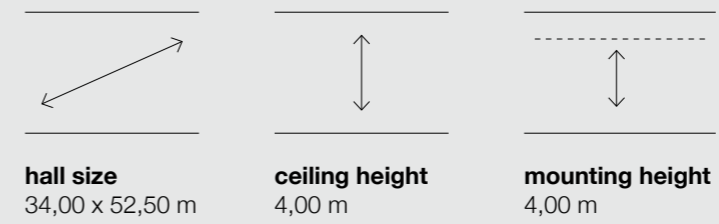
IndustryLUX TUBOLA

Three colours for colourful scenarios

The IndustryLUX TUBOLA 1500 in **blue, red or green** is particularly suitable for special applications. By surrounding the LEDs with a diffuse polycarbonate tube, the light is evenly distributed and an individual coloured atmosphere is created. Let your company shine in your own CI colors.



Lighting calculation example



	E_m [lx]	g_t
Working plane	161	0,610

Luminaire parts list

Designation	piece	ϕ (luminaire) [lm]	total [lm]	P [W]	total P (W)
TUBOLA 1500 K3	84	4.200	352.800	30	2.520

IndustryLUX TUBOLA

Produkt	Art.-Nr.	EAN		lm	Watt	Δ°	L x Ø mm	Gross Price	PU
TUBOLA 600 K3	810640120020	4260374013808	4000 K 5000 K 6500 K	1.600	12	130°	620 x Ø48 (80)	80,21 €	9
TUBOLA 800 K3	810840200021	4260374013815	4000 K 5000 K 6500 K	2.600	19	130°	800 x Ø48 (80)	94,79 €	9
TUBOLA 1200 K3	811295250084	4260374016960	4000 K 5000 K 6500 K	3.500	25	130°	1200 x Ø48 (80)	101,04 €	9
TUBOLA 1500 K3	811595300022	4260374014102	4000 K 5000 K 6500 K	4.200	30	130°	1500 x Ø48 (80)	105,21 €	9
TUBOLA 1500 K3 PLUS	811595450039	4260374014485	4000 K 5000 K 6500 K	7.000	45	130°	1500 x Ø48 (80)	134,38 €	9
TUBOLA 1500 K3, DALI	811595300056	4260374015109	4000 K 5000 K 6500 K	4.200	30	130°	1500 x Ø48 (80)	134,38 €	9
TUBOLA 1500 K3 PLUS, DALI	811595450057	4260374015116	4000 K 5000 K 6500 K	7.000	45	130°	1500 x Ø48 (80)	165,63 €	9
TUBOLA 1500 K3 X, DALI	811595300078	4260374016113	4000 K 5000 K 6500 K	4.200	30	130°	1500 x Ø48 (80)	155,21 €	9
TUBOLA 1500 K3 X PLUS, DALI	811595450079	4260374016120	4000 K 5000 K 6500 K	7.000	45	130°	1500 x Ø48 (80)	186,46 €	9
TUBOLA 1500 W3	811595300089	4260374017127	2400 K 2700 K 3000 K	4.200	30	130°	1500 x Ø48 (80)	113,54 €	9
TUBOLA 1500 MOTION	811550300094	4260374017783	5000 K	4.200	30	130°	1535 x Ø48 (80)	135,42 €	9
TUBOLA 1500 RED	811515320017	4260374013655	rot	1.850	30	130°	1500 x Ø48 (80)	123,96 €	9
TUBOLA 1500 GREEN	811516320018	4260374013662	grün	2.450	30	130°	1500 x Ø48 (80)	123,96 €	9
TUBOLA 1500 BLUE	811514320019	4260374013679	blau	900	30	130°	1500 x Ø48 (80)	123,96 €	9

 Scope of delivery: incl. 2x mounting clip and cable gland M20

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 cord suspension 1 x 2 m	724786020029	4260374015260	2000	11,46 €	6
 cord suspension 1 x 5 m	724786050030	4260374015277	5000	15,63 €	6
 mounting-clip stainless steel V2A (2 pcs. set)	829702290042	4260374016106	87 x 18 x 67	26,04 €	1
 pressure compensation cable gland	478184200034	4260374015093		9,38 €	1
 mounting plat for 2-3 luminaires	474459060033	4260374014751	418 x 222 x 10	52,08 €	1

Damp-proof

IndustryLUX

FARO X3



5 Years
Guarantee

Areas of application

Industrial halls
Fire risk establishments
Tyre production /
-storage
Workshops
Cold stores



fast toolless assembly

due to enclosed clips

circuit switch for selectable light intensity

50 | 75 | 100 %

sulphur and heat resistant

FARO X3 HTS

weather- and UV-resistant foodready

Highlights

our 75° variant is particularly suitable for **big halls**

through-wiring

up to 48 FARO X3,
46W per B16A

pressure compensation

per integrated valve

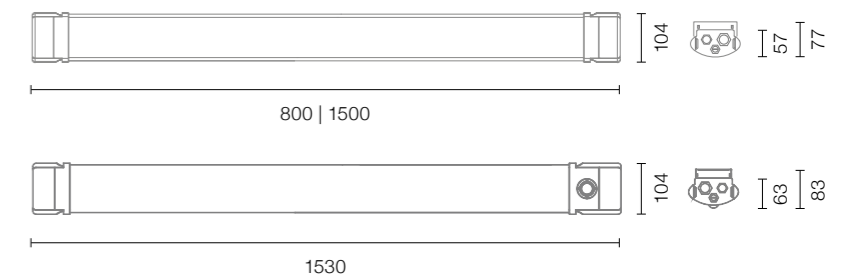
Integrated motion sensor with brightness sensor for FARO X3 MOTION



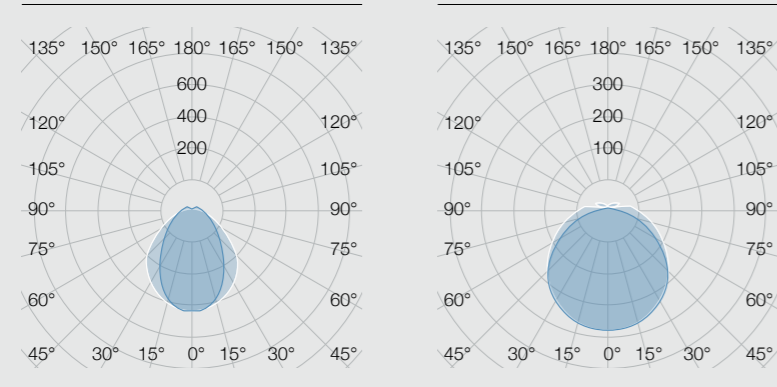
Technical data

Light flux	up to 8.500 lm
Power consumption	23 - 65 W
Luminous efficiency	up to 152 lm/W
Beam angle	75° 140°
Light colour	4000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	1,3 - 2,5 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	176 - 276 V DC
Operating temperature	-25°C to +50°C -30°C to +60°C (HTS)
Through-wiring	5 x 1,5 mm ²
Connection	Clamp: 5-pole, max. 1,5 mm ²
UV-resistant	limited
Dimmable	with slide switch, DALI optional
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	yes
Cover	diffuse
Housing colour	white
Housing material	PC
Luminaires per circuit breaker B10A	37 (23W) 30 (46W) 32 (65W)
Luminaires per circuit breaker C10A	63 43 32
Luminaires per circuit breaker B16A	60 48 51
Luminaires per circuit breaker C16A	101 69 51
Protection class	II

Dimensions in mm



Polar distribution curves



IndustryLUX FARO X3 75°

IndustryLUX FARO X3 140°

Assembly

Quick mounting with Easy-Clip-System

Due to the enclosed fixing clips with locking screw, mounting on walls and ceilings is done in no time. The existing drill holes can be used for easy mounting and the luminaire can thus be flexibly fixed along its entire length. Alternatively, the supplied mounting brackets can be used for suspension.

Foodready

In addition to uniform light distribution thanks to the prismatic PC cover, this shatterproof material enables use in the food sector.



DIP-Switch

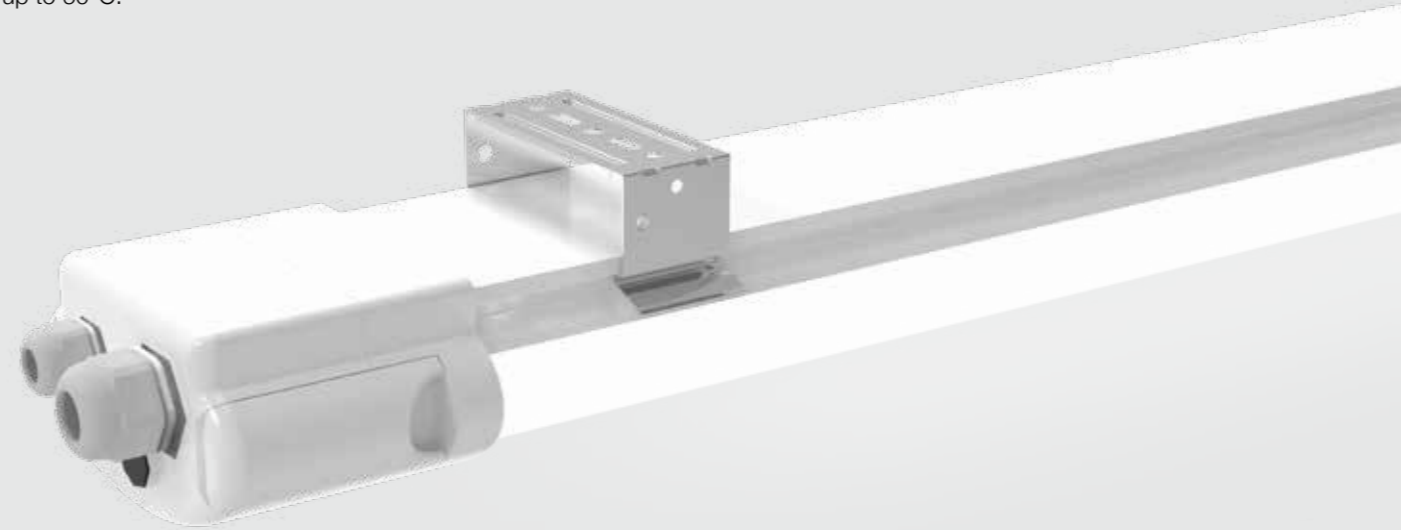
50 | 75 | 100 % light intensity, optimised for project solutions. Flexible replacement for T5 and T8 moisture-proof luminaires.

IndustryLUX FARO X3 75°

With the 75° version, particularly large heights can be achieved and, for example, test stations can be optimally illuminated.

IndustryLUX FARO X3 HTS DALI

Now also suitable for use in sulphurous environments and at high temperatures up to 60°C.



Ceiling illumination

With the wide and flat polycarbonate cover, a particularly wide beam pattern is favoured, emitting part of the light to the ceiling.


Damp-proof



Further advantages





- Constructed for **easy cleaning** and few dirt edges
- **Impact resistant** due to IK08
- **Can be mounted through-wired on one & both sides**
- **Easy connection:** can be opened and connected without tools

IndustryLUX FARO X3

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
FARO X3 800-140	110850230020	4260374014058	5000 K	3.500	23	140°	800 x 104 x 57 (77)	164,58 €	4
FARO X3 800-75	110850230021	4260374014065	5000 K	3.400	23	75°	800 x 104 x 57 (77)	164,58 €	4
FARO X3 1500-140	111550460011	4260374013570	5000 K	7.000	46	140°	1500 x 104 x 57 (77)	195,83 €	4
FARO X3 1500-140	111540460013	4260374013952	4000 K	7.000	46	140°	1500 x 104 x 57 (77)	195,83 €	4
FARO X3 1500-75	111550460017	4260374013921	5000 K	6.800	46	75°	1500 x 104 x 57 (77)	195,83 €	4
FARO X3 1500-75	111540460015	4260374013914	4000 K	6.800	46	75°	1500 x 104 x 57 (77)	195,83 €	4
FARO X3 1500-140, DALI	111550460012	4260374013945	5000 K	7.000	46	140°	1500 x 104 x 57 (77)	212,50 €	4
FARO X3 1500-140, DALI	111540460014	4260374013969	4000 K	7.000	46	140°	1500 x 104 x 57 (77)	212,50 €	4
FARO X3 1500-140 MOTION	111550460130	4260374016953	5000 K	7.000	46	140°	1530 x 104 x 63 (83)	212,50 €	4
FARO X3 1500-140 MOTION	111540460134	4260374017332	4000 K	7.000	46	140°	1530 x 104 x 63 (83)	212,50 €	4
FARO X3 HTS 1500-140, DALI	111550650068	4260374015758	5000 K	8.500	65	140°	1500 x 104 x 57 (77)	331,25 €	4
FARO X3 HTS 1500-75, DALI	111550650067	4260374015741	5000 K	8.500	65	75°	1500 x 104 x 57 (77)	331,25 €	4



Scope of delivery: incl. 2x mounting clip and cable gland M20 | DALI versions additionally incl. M16

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 top Entry end cap for rear cable entry 2 x end cap 2 x mounting clip 85 mm 1 x pressure equalisation membrane 1 x M20 cable gland 2 x M16 cable gland	471100660060	4260374017059		26,04 €	80
 cord suspension 1 x 2 m	724786020029	4260374015260	2000	11,46 €	6
 cord suspension 1 x 5 m	724786050030	4260374015277	5000	15,63 €	6
 mounting plate for 2-3 luminaires	474459060033	4260374014751	418 x 222 x 10	52,08 €	1

3 Years
Guarantee

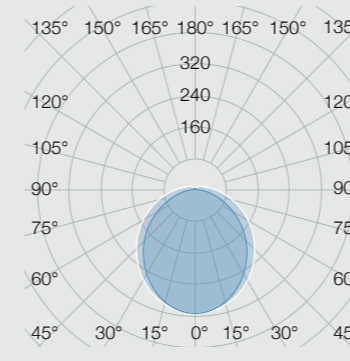
DeLUX
SPLASH



from REV. 03



Polar distribution curve

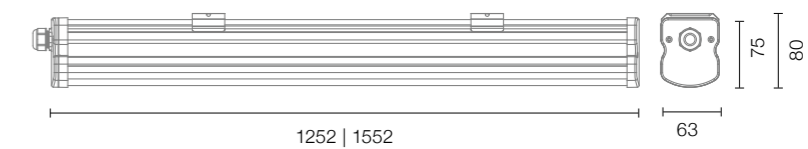


DeLUX SPLASH



Technical data

Light flux	4.200 5.000 lm
Power consumption	30 36 W
Luminous efficiency	140 139 lm/W
Beam angle	120°
Light colour	4000 K
Switching cycles bf failure	> 200.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L70, B10]
Weight	1,1 1,3 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	176 - 280 V DC
Operating temperature	-20°C to +45°C
Through-wiring	3 x 1,5 mm ²
Connection	Clamp: 3-pole, max. 1,5 mm ²
UV-resistant	no
Dimmable	no
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	yes
Cover	diffuse
Housing colour	grey
Housing material	PC
Luminaires per circuit breaker B10A	69 (30W) 58 (36W)
Luminaires per circuit breaker C10A	69 58
Luminaires per circuit breaker B16A	110 92
Luminaires per circuit breaker C16A	110 92
Protection class	II



Dimensions in mm



DeLUX SPLASH

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
DeLUX SPLASH 1500	151540500006	4260374012825	4000 K	5.000	36	120°	1552 x 63 x 75 (80)	76,04 €	9
DeLUX SPLASH 1200	151240400131	4260374016977	4000 K	4.200	30	120°	1252 x 63 x 75 (80)	64,58 €	12

 Scope of delivery: incl. 2x mounting clip

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 cord suspension 1 x 2 m	724786020029	4260374015260	2000	11,46 €	6
 cord suspension 1 x 5 m	724786050030	4260374015277	5000	15,63 €	6

Damp-proof



Special luminaires

With our special luminaires, we have the perfect solution when it comes to illuminating application areas with extreme environmental influences. With the maximum protection class of up to IP 69, we offer products that have high lighting quality and easy installation with mechanical, thermal and chemical resistance.

7PROOF.....	68
Resistance chart.....	72
IndustryLUX RESIST	74
IndustryLUX HT 160 - 220	78
IndustryLUX HT 350	80

More special luminaires

IndustryLUX TUBOLA X	51
IndustryLUX FARO X3 HTS	59
IndustryLUX LANARA 2.0 S	89

LED high resistance luminaire

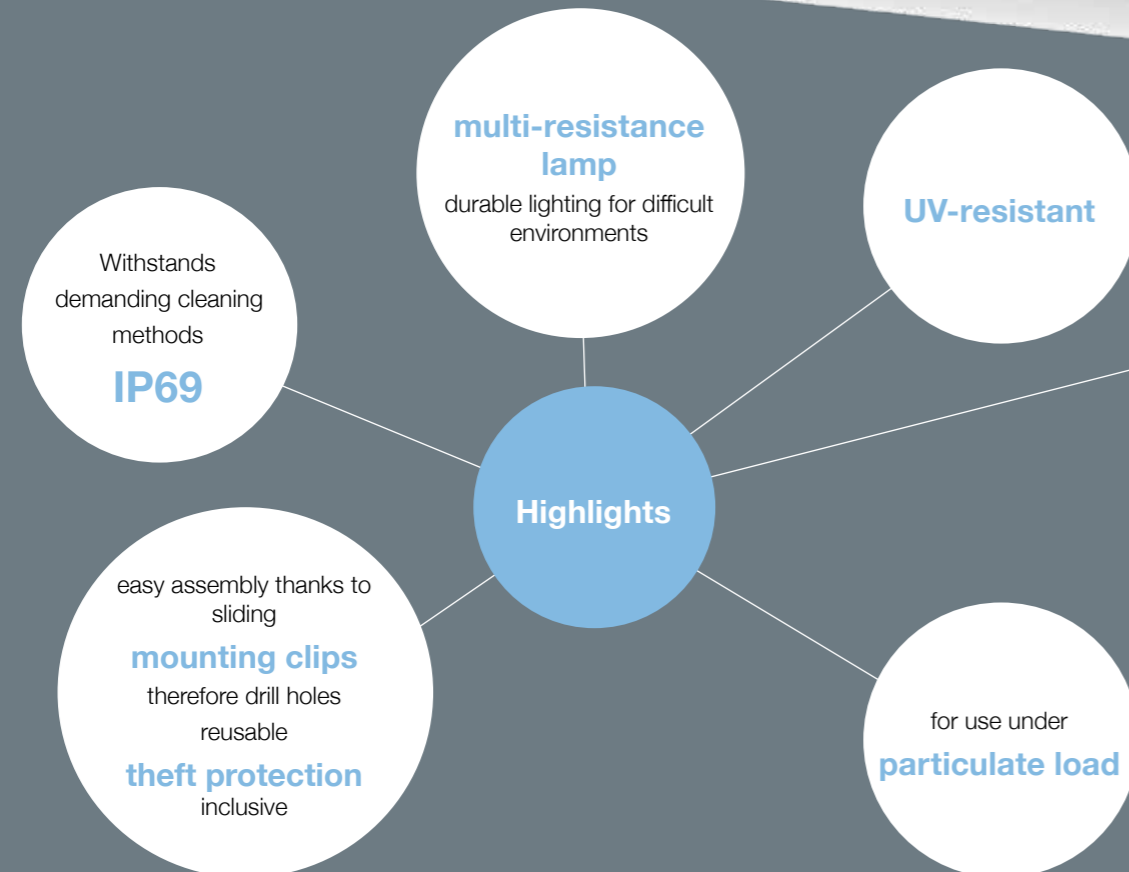
7PROOF



5 Years
Guarantee

Areas of application

- Cold and wet rooms
- Sewage treatment plants
- Food industry
- Agriculture and animal husbandry
- Hospitals
- Waste disposal



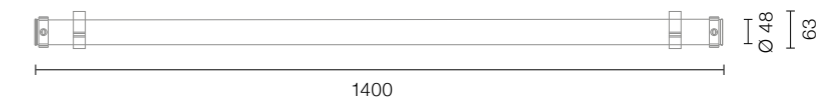
Technical data	
Light flux	6.000 lm
Power consumption	40 W
Luminous efficiency	150 lm/W
Beam angle	130°
Light colour	3000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	0,8 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-25°C to +50°C
Through-wiring	on demand
Connection	connecting cable: 2 x 0,75 mm ² , 2 m
UV-resistant	yes
Dimmable	DALI on demand
IP Code	IP 69
Impact resistance	IK 08
Applicable in the food sector	yes
Cover	diffuse
Housing colour	white
Housing material	PMMA
Luminaires per circuit breaker B10A	49
Luminaires per circuit breaker C10A	49
Luminaires per circuit breaker B16A	79
Luminaires per circuit breaker C16A	79
Protection class	II

Special

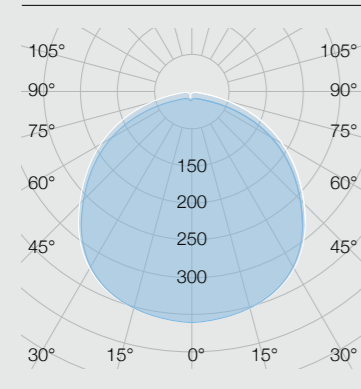
MADE
IN GERMANY



Dimensions in mm



Polar distribution curve

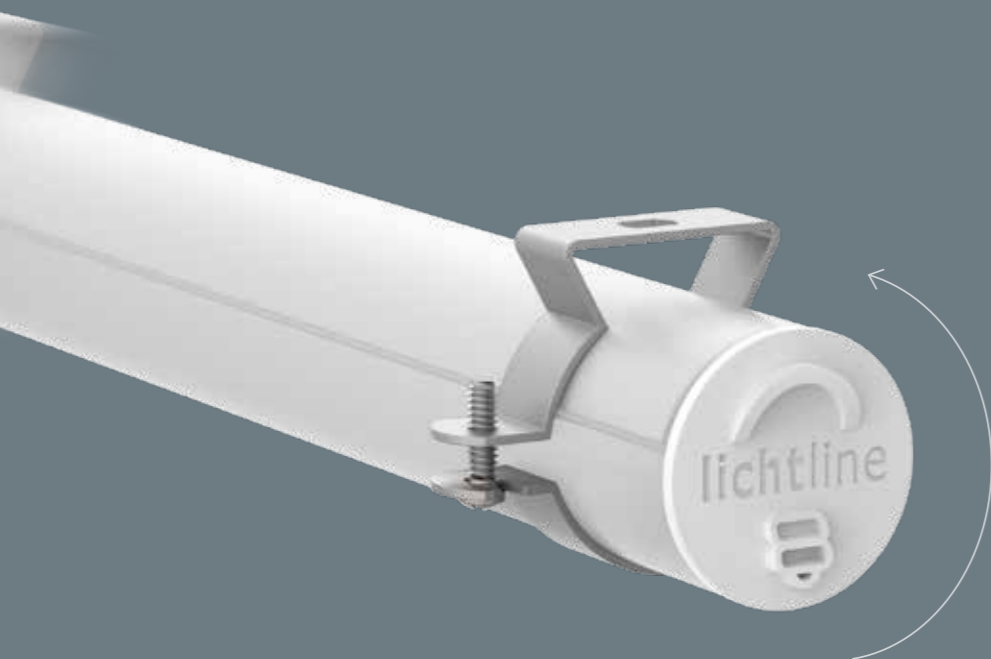
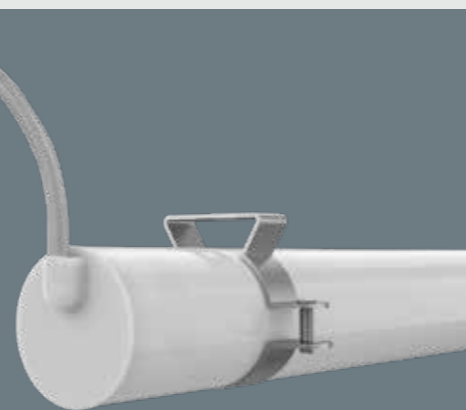


7PROOF 1400 PMMA

Assembly

Due to the **fastening clamps made of stainless steel (V2A)** a simple and fast installation on the wall or ceiling is possible. Existing drill holes can be reused for the installation and the luminaire can be fastened over its entire length.

Alternatively, suitable fixing material according to the **industry standard Ø 50 mm** can be used.



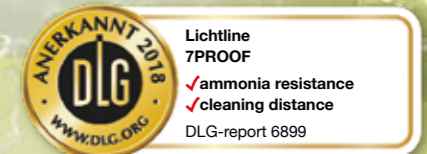
360° rotatable
Direction of beam freely adjustable.

Flicker-free

Quality light
With the circumferential PMMA cover a homogeneous dispersion characteristic is favoured.

7 resistances against

- 1. Ammonia**
for use in agriculture
- 2. Aerosole**
for use in chemically contaminated environments
- 3. Heat**
for use up to 50°C ambient temperature Disinfectants
- 4. Dust**
for use under particle load
- 5. Desinfectants and cleaning**
for use in hospitals and food industry
- 6. Sulphur**
for use in rubber production and storage
- 7. Water**
for use in high pressure or steam jet cleaning



Order overview

7PROOF

Product	Art.-Nr.	EAN		lm	Watt		L x Ø mm	Gross Price	PU
7PROOF 1400 PMMA	821450400038	4260374014478	5000 K	6.000	40	130°	1400 x Ø48 (63)	206,25 €	6
7PROOF 1400 PMMA	821430400048	4260374014805	3000 K	6.000	40	130°	1400 x Ø48 (63)	206,25 €	6

Scope of delivery: incl. 2x mounting clip; DALI on request

Resistance chart

Detergents and disinfectants

Product/substance	Resistance	Description	Duillation
Calgonit CF 3005	✓	detergent	5 %
Calgonit CF 3135	✓	disinfectant cleaner	5 %
Calgonit DS 660	✓	detergent	5 %
Calgonit DS 683	✓	disinfectant	1,50 %
Calgonit NF 401	○ max. dosage, longer duration	detergent	10 %
Calgonit SN 542	✓	detergent	2 %
FREKA-NOL	✓	disinfectant	pur
P3-aquanta PA	✓	detergent	1 %
P3-flüssig OS	✓	detergent	1 %
P3-hypochloran	✓	disinfectant	0,50 %
P3-topactive OKTO	✓	biocide	1 %
P3-topax 52	✓	detergent	
P3-topax 570	✓	detergent	
P3-topax 990	✓	disinfectant	2 %
Topactive 200	✓	detergent	4 %

Resistance chart

Substance	Concentration	Short-term exposure (<10min)	Long-term exposure
Ammonia solution	10 %	✓	✓
Acetic acid	5 %	✓	○
Ethanol	50 %	✓	—
Ethylen glycol	100 %	✓*	—
Ethylen glycol (antifreeze)	50 %	✓	—
Formamide		○	○
Glycerine	98 %	✓	✓
Iso-octane	99,5 %	✓	—
Oxalic acid	8,7 %	✓*	—
Phosphoric acid	10 %	✓*	—
Phosphoric acid	50 %	✓*	—
Hydrochloric acid	10 %	✓*	—
Sulfuric acid	3 %	✓	—
Sulfuric acid	30 %	✓	—
Tartaric acid	50 %	✓*	—
Citric acid	10 %	✓*	—
Citric acid	38 %	✓*	—

✓ resistant ○ limitedly resistant — not resistant

*resistant with PVC-cable-version

Substance	Concentration	Short-term exposure (<10min)	Long-term exposure
Aluminium chloride	42 %	✓	○
Ammonia solution	25 %	✓	✓
Boric acid	100 %	✓*	✓*
Calcium chloride	40 %	✓	✓
Disodium hydrogen phosphate	8,5 %	✓	○
Iron(II) sulphate	21 %	✓	○
Iron(III) chloride	48 %	✓	○
Gear oil		✓	✓
Urea	51 %	✓*	○*
Hydroquinone	6,7 %	✓*	—
Potassium Aluminum Sulfate (Alum)	5 %	✓	○
Potassium carbonate (potash)	50 %	✓	✓
Potassium chloride	25 %	✓*	✓*
Potassium nitrate	24 %	✓	○
Potassium permanganates	6 %	✓*	○*
Potassium sulfate	10 %	✓	○
Carbon dioxide		✓	✓
Copper sulfate	17 %	✓	○
Magnesium sulfate	21 %	✓*	○*
Sodium carbonate (soda)	2 %	✓*	○*
Natriumcarbonat (Soda)	20 %	✓*	○*
Sodium chlorate	49 %	✓*	✓*
Sodium chloride (table salt)	10 %	✓	✓
Sodium dihydrogen phosphate	50 %	✓	✓
Sodium hydrogen sulfate	40 %	✓	○
Sodium hypochlorite (bleach)	12 %	✓*	✓*
Sodium nitrate	45 %	✓*	✓*
Sodium phosphate	20 %	✓	✓
Sodium Sulfate (Glauber's Salt)	25 %	✓*	✓*
Sodium thiosulfate	41 %	✓*	✓*
Caustic soda	1 %	✓	✓
Caustic soda	10 %	✓	✓
Caustic soda	30 %	✓	✓
Paraffin, thin	100 %	✓	✓
Castor oil		✓	✓
Cutting oil (lubricating oil)		✓	✓
Bis-2-ethylhexyl sebacate (dioctyl sebacate)		✓	✓
Soybean oil		✓	✓
Water, fully desalinated		✓	✓
Hydrogen peroxide	30 %	✓*	✓*
Hydrogen Peroxide (Perhydrol)	3 %	✓*	✓*
Zinc chloride	50 %	✓*	✓*
Zinc sulfate	35 %	✓*	✓*

✓ resistant ○ limitedly resistant — not resistant

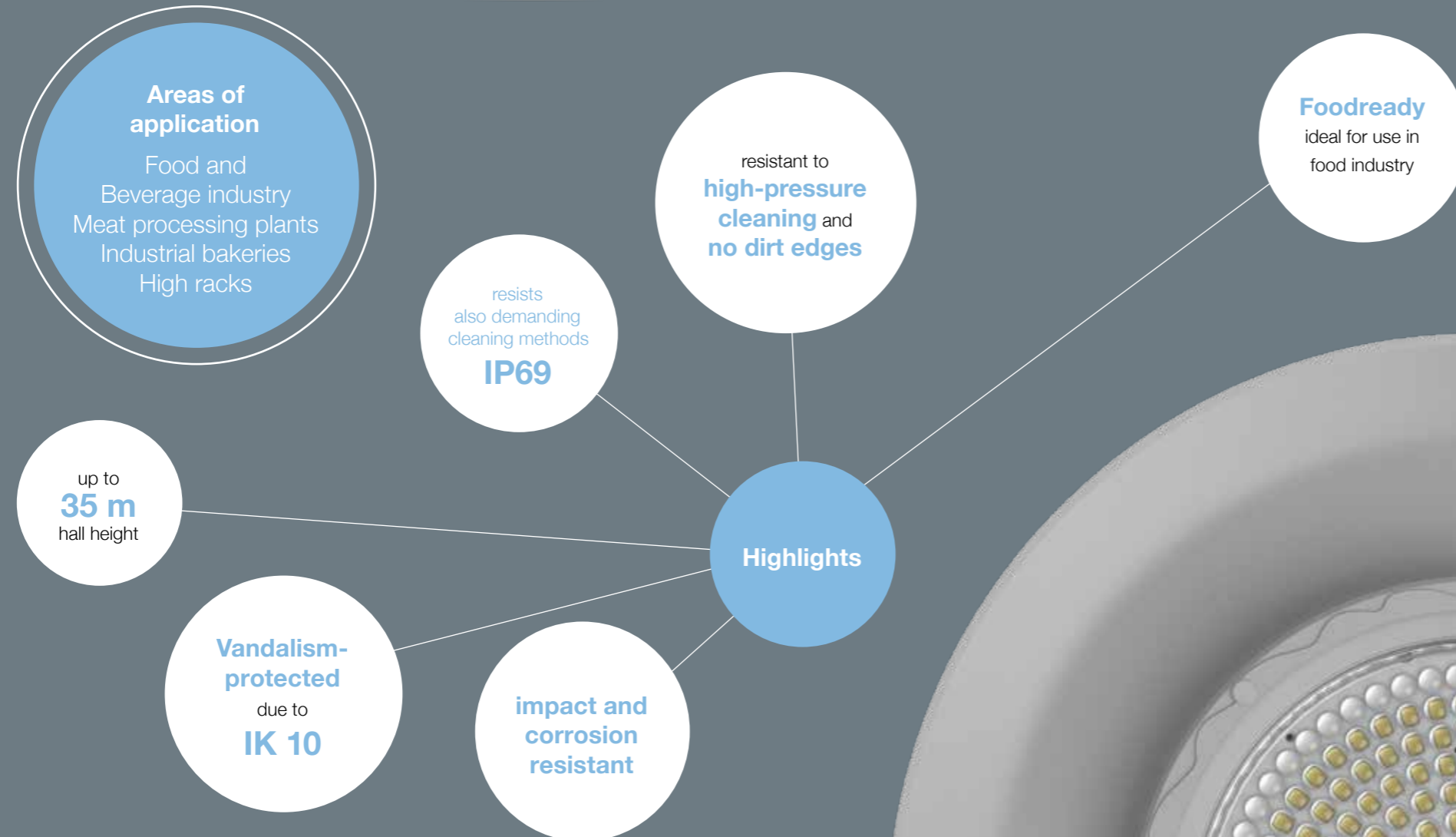
*resistant with PVC-cable-version

Information without guarantee. Individual cases and compositions of different substances can change the resistance. We would be pleased to provide you with an itemised proof of resistance on request.

IndustryLUX RESIST



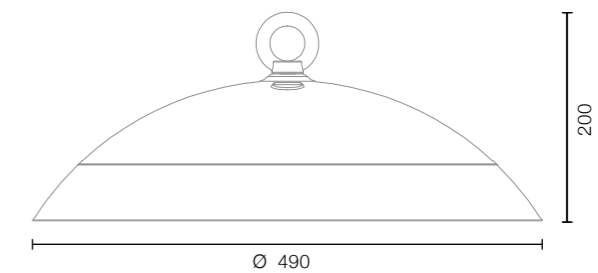
5 Years
Guarantee



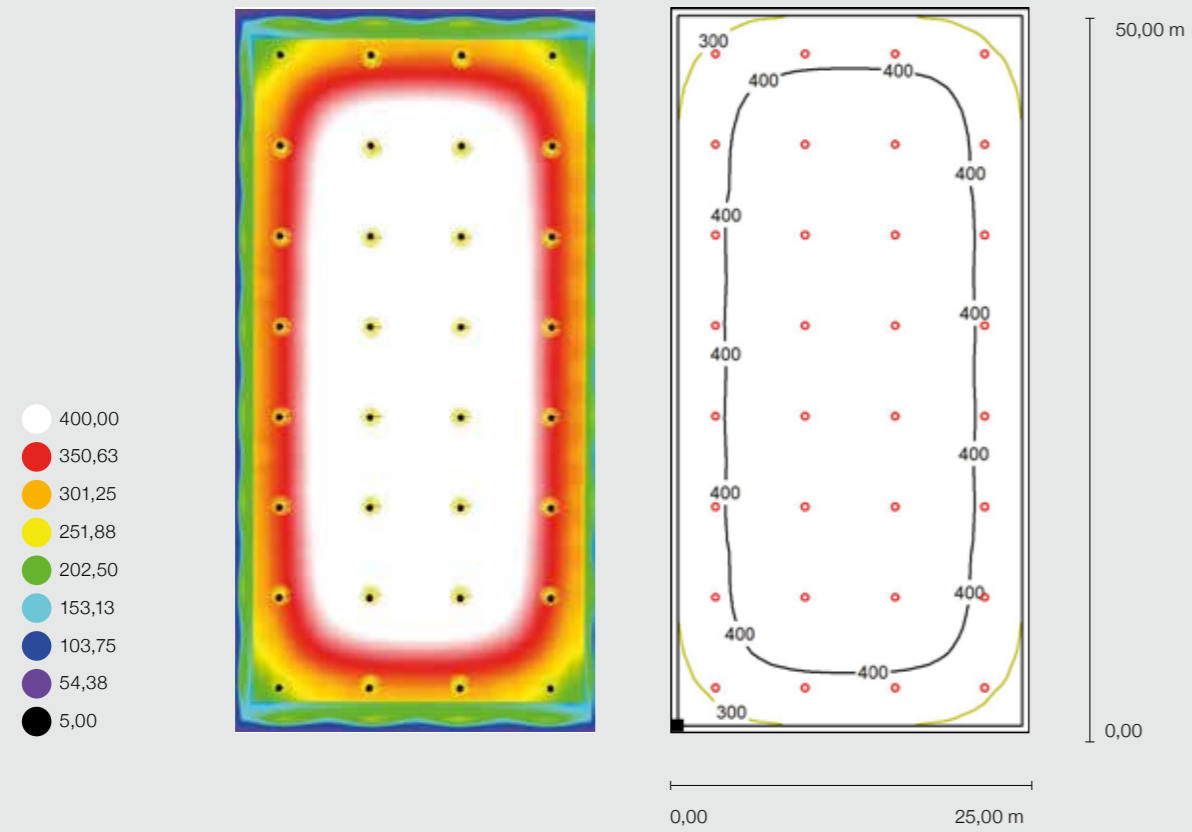
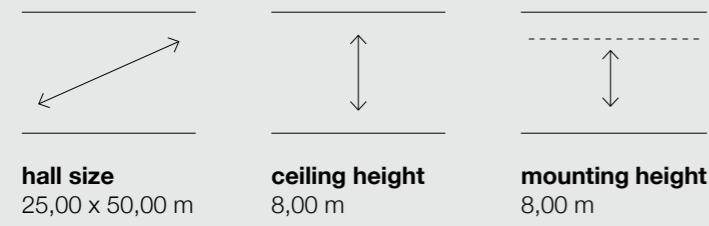
Technical data

Light flux	20.000 18.600 lm
Power consumption	115 W
Luminous efficiency	174 162 lm/W
Beam angle	90° 30°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	7,5 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +55°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 1,5 m
UV-resistant	limited
Dimmable	DALI on demand
IP Code	IP 69
Impact resistance	IK 10
Applicable in the food sector	yes
Cover	clear
Housing colour	grey
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	3
Luminaires per circuit breaker C10A	5
Luminaires per circuit breaker B16A	5
Luminaires per circuit breaker C16A	9
Protection class	I

Dimensions in mm



Lighting calculation example

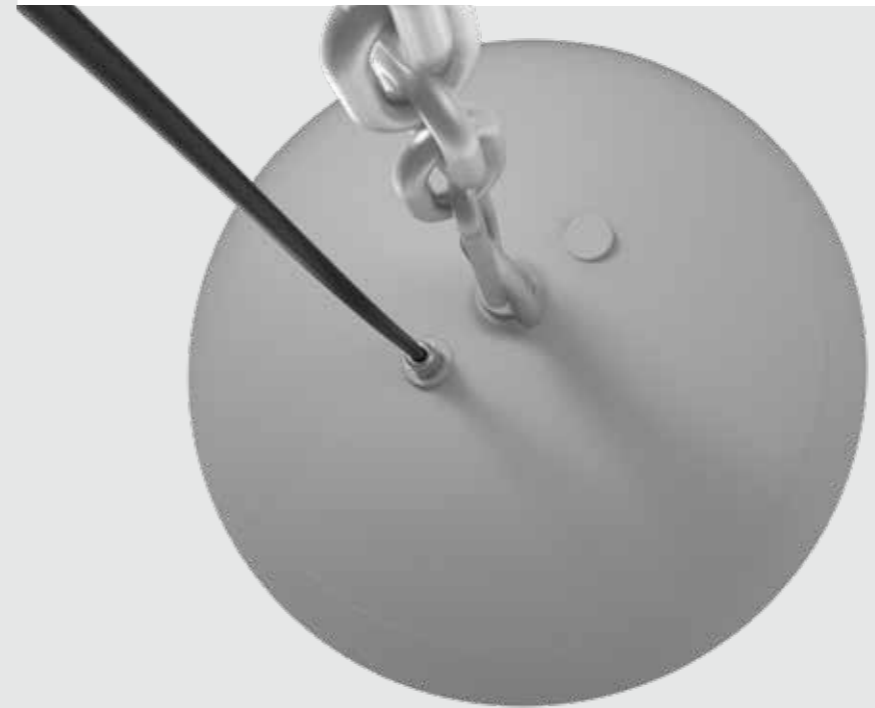
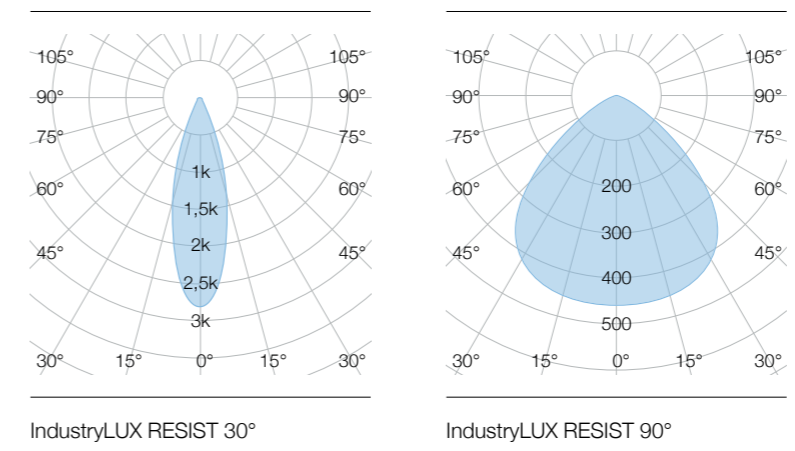


	E_m [lx]	g_1
working plane	400	0,544

Luminaires list

name	piece	ϕ (Leuchte) [lm]	total [lm]	P [W]	total P (W)
IndustryLUX RESIST 90°	32	20.000	640.000	115	3.680

Polar distribution curve



Flexible

In the 30° variant ideal for heights of up to 35 m.

Foodready

The IndustryLUX RESIST is **shatter-proof** and **particularly easy to clean** thanks to its smooth surface structure.

Resistant

Resistant to **high-pressure cleaners** and common cleaning agents. Thus excellently suited for use in the food sector.

Order overview

IndustryLUX RESIST

Product	Art.-Nr.	EAN	lm	Watt	Δ	ϕ x H mm	Gross price	PU	
RESIST 115-90	435090110043	4260374014669	5000 K	20.000	115	90°	Ø490 x 200	622,92 €	1
RESIST 115-30	435030110042	4260374014652	5000 K	18.600	115	30°	Ø490 x 200	622,92 €	1

DALI on demand

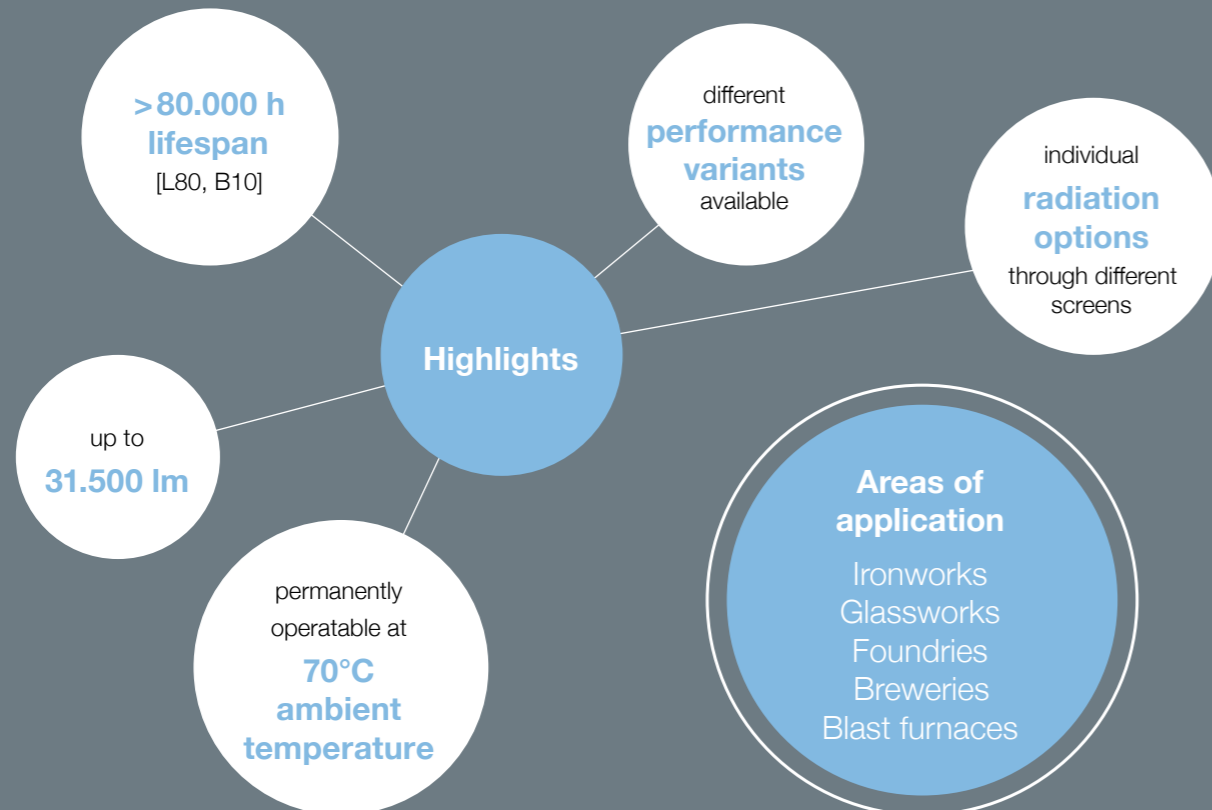
IndustryLUX HT

160-220

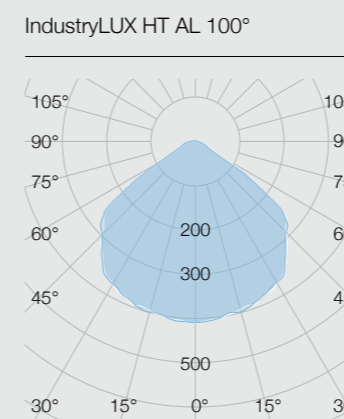
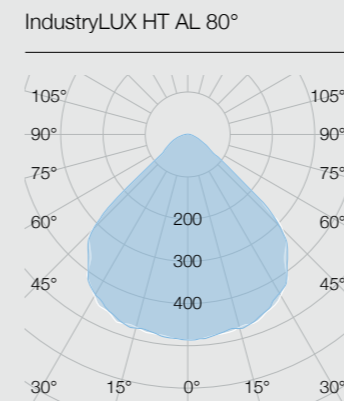
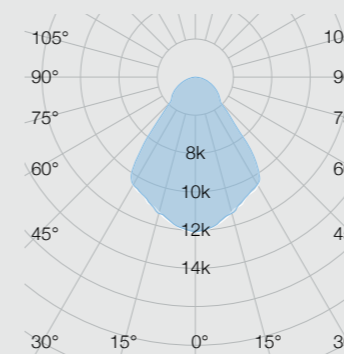
5 Years
Guarantee



Ill. shows
IndustryLUX HT 160-220
with AL-screen 80°



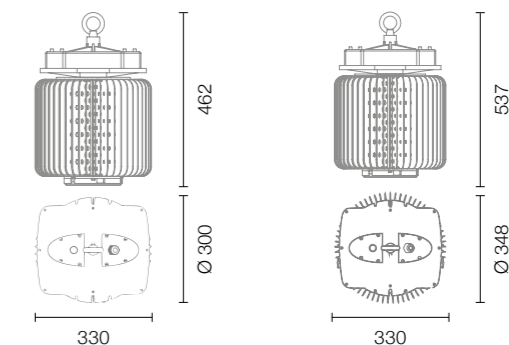
Polar distribution curves



Technical data

Light flux	up to 23.000 up to 31.500 lm
Power consumption	160 220 W
Luminous efficiency	up to 144 up to 143 lm/W
Beam angle	80° 100° 120°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	< 80
Colour consistency	< 5 SDCM
Lifespan	> 80.000 h [L80, B10]
Weight	10,7 16,4 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +70°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 1,5 m
UV-resistant	yes
Dimmable	DALI on demand
IP Code	IP 65
Impact resistance	IK 06
Applicable in the food sector	no
Cover	clear
Housing colour	aluminium
Housing material	aluminium & glas
Luminaires per circuit breaker B10A	3 (160 W) 4 (200 W)
Luminaires per circuit breaker C10A	6 7
Luminaires per circuit breaker B16A	6 7
Luminaires per circuit breaker C16A	10 12
Protection class	I

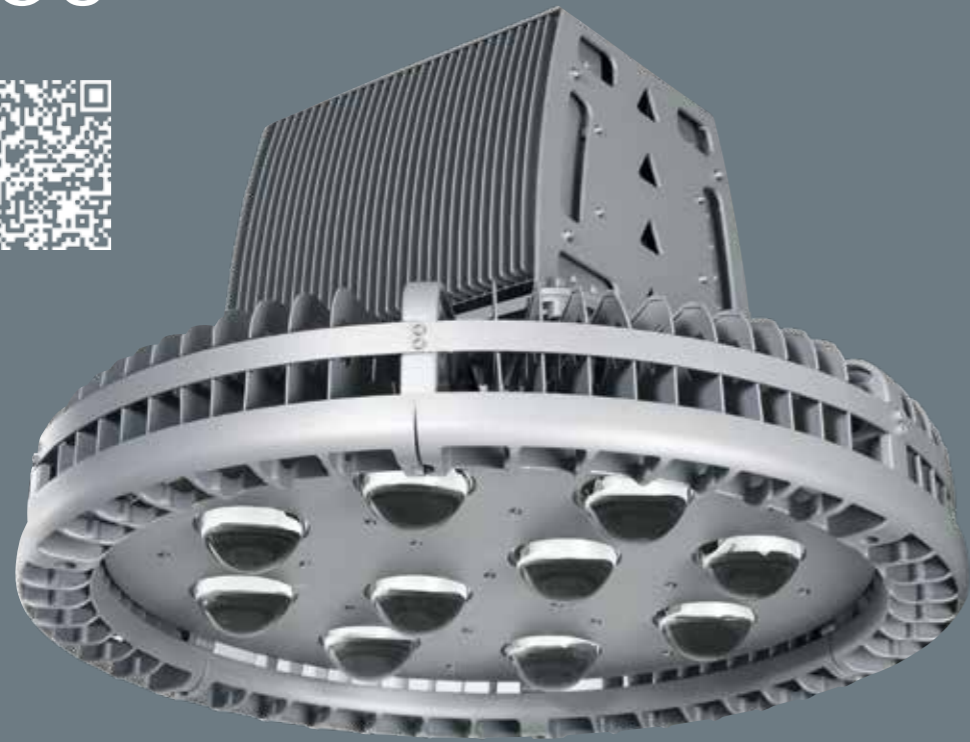
Dimensions in mm



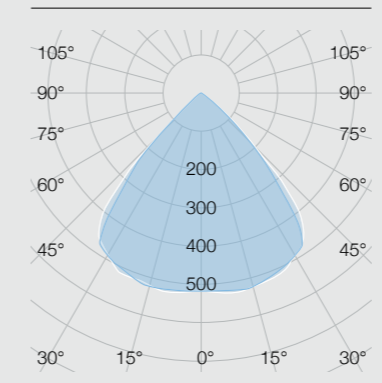
Detailed information can be found in the order overview on page 82.

5 Years
Guarantee

IndustryLUX HT 350



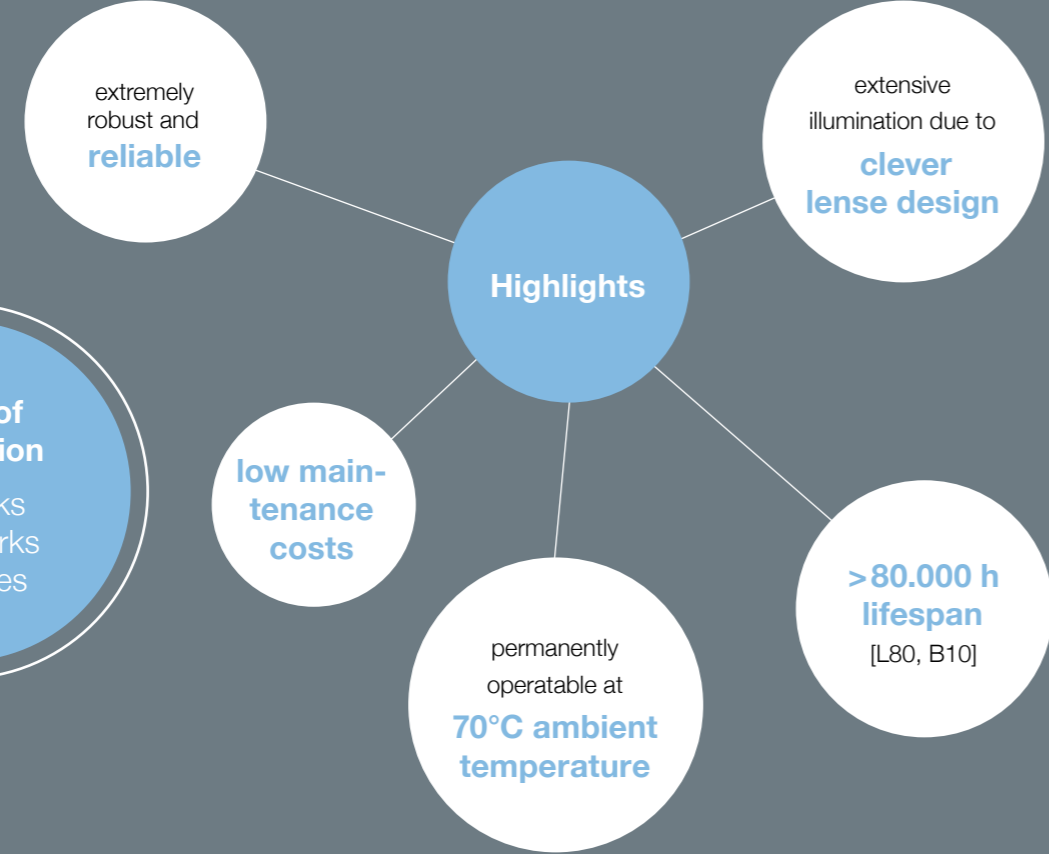
Polar distribution curve



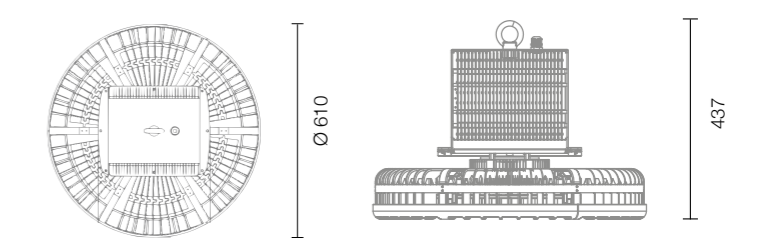
IndustryLUX HT 350

Technical data


Light flux	47.000 lm
Power consumption	350 W
Luminous efficiency	134 lm/W
Beam angle	80°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	< 80
Colour consistency	< 5 SDCM
Lifespan	> 80.000 h [L80, B10]
Weight	26,4 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +70°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 1,5 m
UV-resistant	yes
Dimmable	DALI on demand
IP Code	IP 65
Impact resistance	IK 06
Applicable in the food sector	no
Cover	clear
Housing colour	aluminium
Housing material	aluminium & glas
Luminaires per circuit breaker B10A	1
Luminaires per circuit breaker C10A	3
Luminaires per circuit breaker B16A	3
Luminaires per circuit breaker C16A	5
Protection class	I











Dimensions in mm



IndustryLUX HT

Product	Art.-Nr.	EAN		lm	Watt	Ø x H mm	Gross Price	PU
IndustryLUX HT 160	435070160051	4260374015819	5000 K	bis zu 23.000	160	Ø330 x 462	1.518,75 €	1
IndustryLUX HT 220	435070220052	4260374015826	5000 K	bis zu 31.500	220	Ø348 x 537	2.122,92 €	1
IndustryLUX HT 350	435070350053	4260374015833	5000 K	47.000	350	Ø610 x 437	3.937,50 €	1

Accessories HT 160	Art.-Nr.	EAN		lm	Ø x H in mm	Gross Price	PU
 IndustryLUX screen AL-S 80°	430200008000	4260292193484	80°	21.000	Ø395 x 238	81,25 €	1
 IndustryLUX screen AL-S 100°	430200001000	4260292193491	100°	22.500	Ø602 x 258	91,67 €	1
 IndustryLUX screen AL-S 120°	430200001200	4260292196386	120°	23.000	Ø500 x 158	91,67 €	1

Accessories HT 220	Art.-Nr.	EAN		lm	Ø x H mm	Gross Price	PU
 IndustryLUX screen AL-B 80°	430200008001	4260374010531	80°	29.000	Ø500 x 305	81,25 €	1
 IndustryLUX screen AL-B 100°	430200001001	4260374010548	100°	31.000	Ø588 x 188	91,67 €	1
 IndustryLUX screen AL-B 120°	430200001201	4260374010555	120°	31.500	Ø561 x 124	91,67 €	1



Hall surface & High bay luminaires

In order to illuminate effectively and safely, we have designed our high bay luminaires for a long service life of all components. The quick installation makes our range of high bay luminaires to the ideal solution for spacious and high rooms.

IndustryLUX LANARA 2.0	86
IndustryLUX LANARA ROUND	92
IndustryLUX RODALIS 2.0	94
IndustryLUX RODALIS ECO	96
IndustryLUX RODALIS PRO	98
IndustryLUX HEMERA 2.0	104
IndustryLUX	108

IndustryLUX

LANARA 2.0

NEW



5 Years
Guarantee



Areas of application

Sports halls
Industrial / logistics halls
Tire production
Tire warehouse

also as
sulfur-resistant
LANARA 2.0 S

**forklift driver
friendly lighting**

no persistent
visual impairment
**despite high
Luminous flux**

**ball
throwing
secure**

Highlights

**fast
toolless
assembly**
due to enclosed clips

**ecological
packaging**
from renewable
raw materials, none
waste sorting

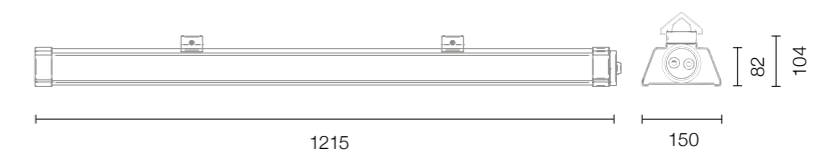
50 | 75 | 100 %
dimming per
**DALI and
DIP-switch**

**homogeneous
light distribution**
at high and low altitudes

Technical data

Light flux	up to 22.500 lm
Power consumption	150 W
Luminous efficiency	up to 150 lm/W
Beam angle	110°
Light colour	4000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	3,3 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +50°C
Through-wiring	7 x 1,5 mm²
Connection	clamp: 7-pols, max. 2,5 mm²
UV-resistant	limited
Dimmable	DALI & DIP-switch
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	yes
Cover	diffuse
Housing colour	black
Housing material	aluminium und PC
Luminaires per circuit breaker B10A	5
Luminaires per circuit breaker C10A	8
Luminaires per circuit breaker B16A	8
Luminaires per circuit breaker C16A	14
Protection class	I

Dimensions in mm

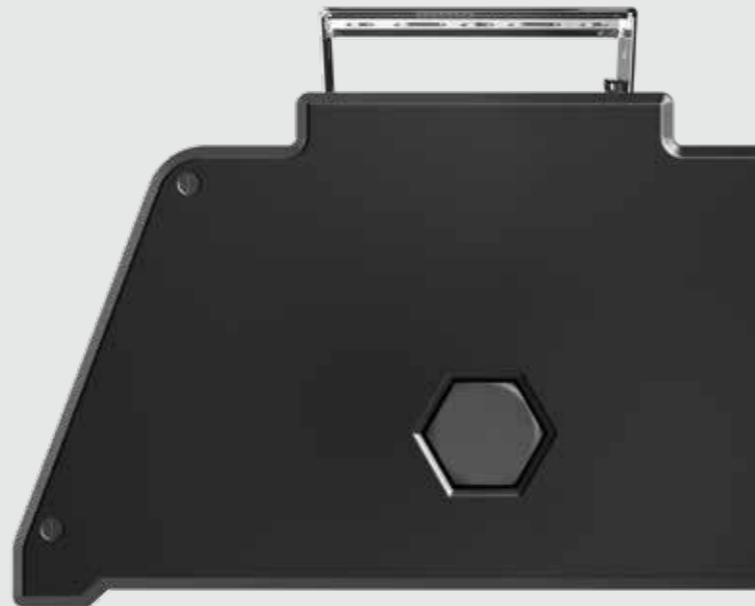


Quick mounting with Easy-Clip-System

Because of the enclosed mounting clips with locking screw, mounting on walls and ceilings is done in no time. The existing drill holes can be used for easy mounting and the luminaire can thus be flexibly fixed along its entire length. Alternatively, the supplied mounting brackets can be used for suspension.

Pressure compensation via membrane

In the event of rapid temperature changes in damp rooms, a special membrane prevents the formation of condensation.



Ball proof

The Lanara 2.0 is also ideally suited for use in sports halls due to its robust body - completely without metal cage.

50 | 75 | 100%

The power can be set in three stages via the integrated DIP switch and the light intensity can thus be optimally adjusted to the lighting situation.

Accessories

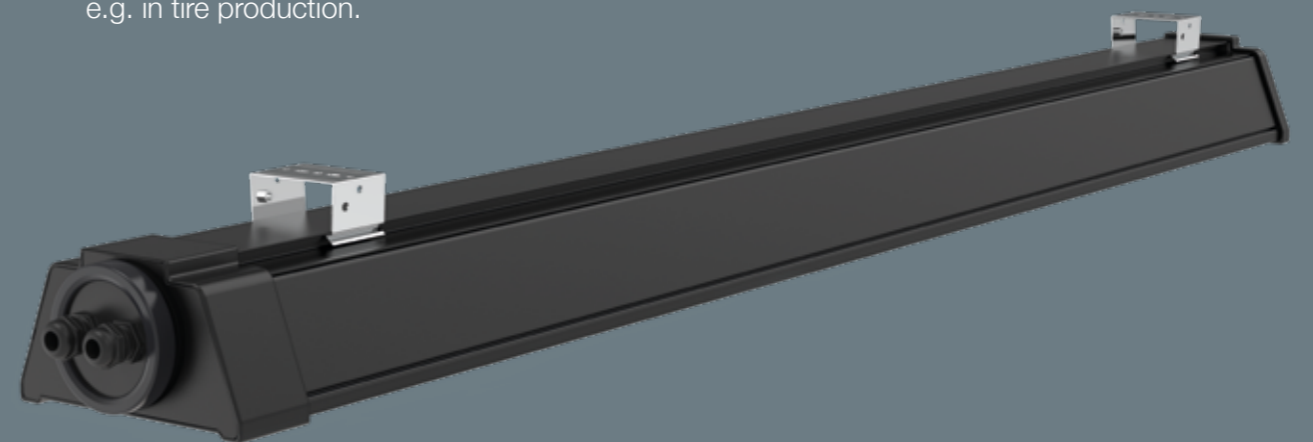


Mounting plate

Combine up to three individual LANARA 2.0 for up to **67,500 lm.**

Now even more resistant!

LANARA 2.0 S for safe use in sulfur-contaminated environments, e.g. in tire production.



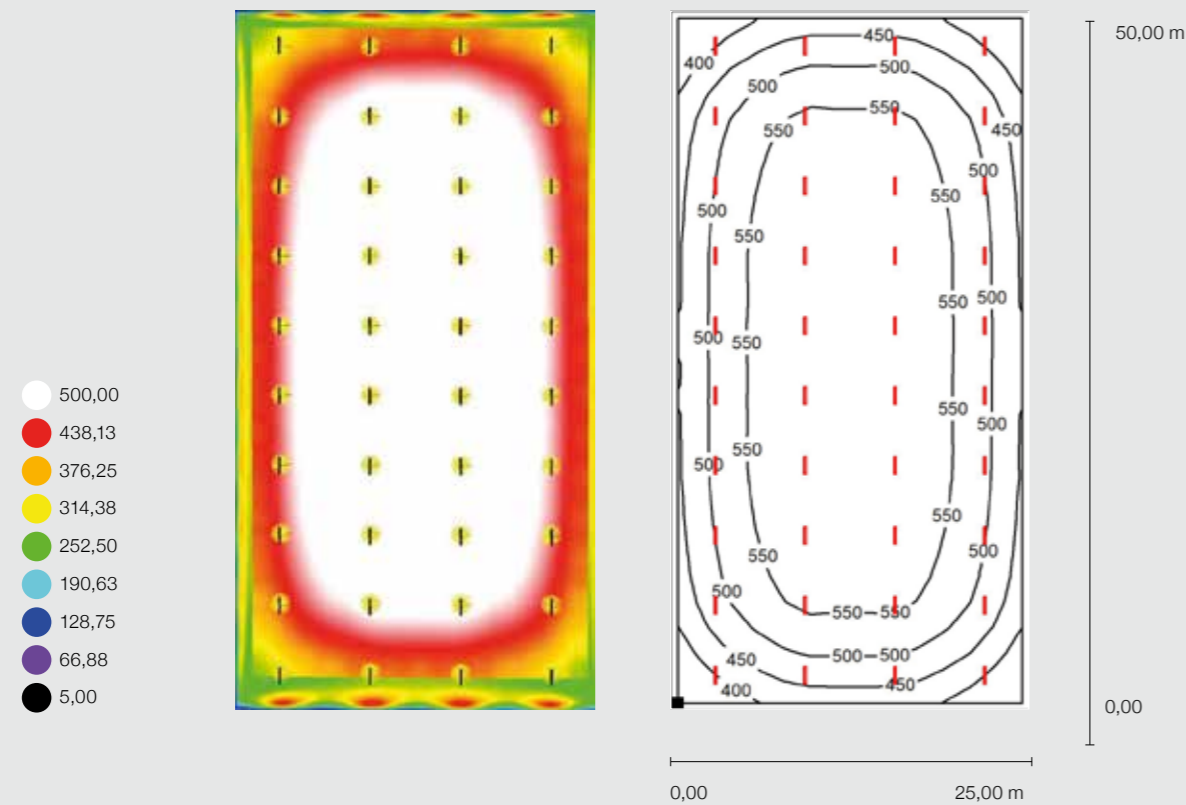
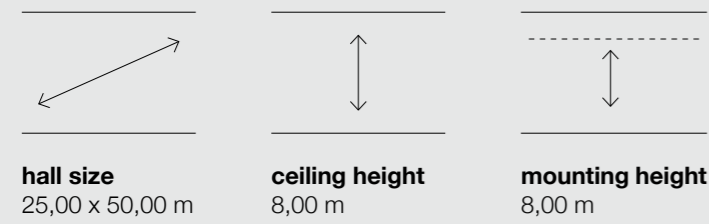
Through wiring on one side

Thanks to through-wiring and tool-free connection, installation costs are reduced to a minimum.

Foodready

High-quality materials enable **time-saving and efficient cleaning**, making the LANARA 2.0 perfect for use in the food industry.

Lighting calculation example

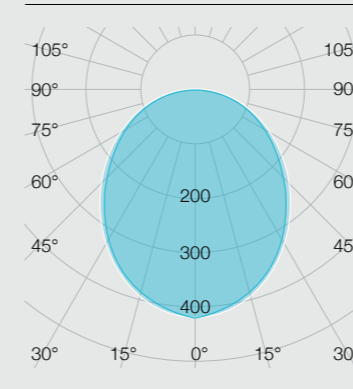


	E_m [lx]	g_v
working plane	526	0,680

Luminaire parts list

name	piece	ϕ (Leuchte) [lm]	total [lm]	P [W]	total P (W)
IndustryLUX LANARA 2.0	40	22.500	900.000	150	6.000

Polar distribution curve



IndustryLUX LANARA 2.0

Order overview

IndustryLUX **LANARA 2.0 | ROUND**

Product	Art.-Nr.	EAN	Im	Watt	Δ°	L x B x H L x Ø mm	Gross Price	PU
LANARA 2.0, DALI	441250150027	4260374015130	5000 K	22.500	150	110° 1215 x 150 x 82 (104)	497,92 €	4
LANARA 2.0, DALI	441240150162	4260374018759	4000 K	22.500	150	110° 1215 x 150 x 82 (104)	497,92 €	4
LANARA 2.0 S, DALI	441250660049	4260374015765	5000 K	21.000	150	110° 1215 x 150 x 82 (104)	622,92 €	4
LANARA ROUND, DALI	445650140050	4260374015901	5000 K	22.500	145	110° Ø560 x 86 (305)	602,08 €	1

i Scope of delivery: i i ncl. 2x mounting clip

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
cord suspension 1 x 2 m	724786020029	4260374015260	2000	11,46 €	6
cord suspension 1 x 5 m	724786050030	4260374015277	5000	15,63 €	6
Mounting plate for 2-3 luminaires	474459060033	4260374014751	418 x 222 x10	52,08 €	10

All prices refer to 1 piece plus VAT.

NEW in our assortment

5 Years
Guarantee

IndustryLUX

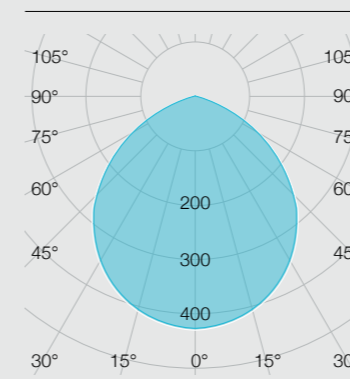
LANARA ROUND



Technical data

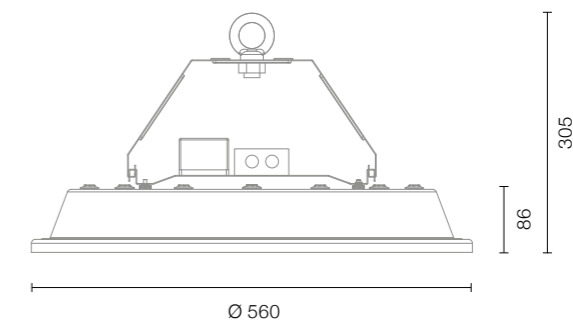
Light flux	22.500 lm
Power consumption	145 W
Luminous efficiency	155 lm/W
Beam angle	110°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	4,4 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	100 -250 V DC
Operating temperature	-20°C to +50°C
Through-wiring	3 x 1,0 mm ² + 2 x 0,5 mm ²
Connection	clamp: 5-pole, max. 2,5 mm ²
UV-resistant	limited
Dimmable	DALI
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	no
Cover	diffuse
Housing colour	black
Housing material	aluminium, steel und PC
Luminaires per circuit breaker B10A	8
Luminaires per circuit breaker C10A	14
Luminaires per circuit breaker B16A	13
Luminaires per circuit breaker C16A	22
Protection class	II

Polar distribution curve

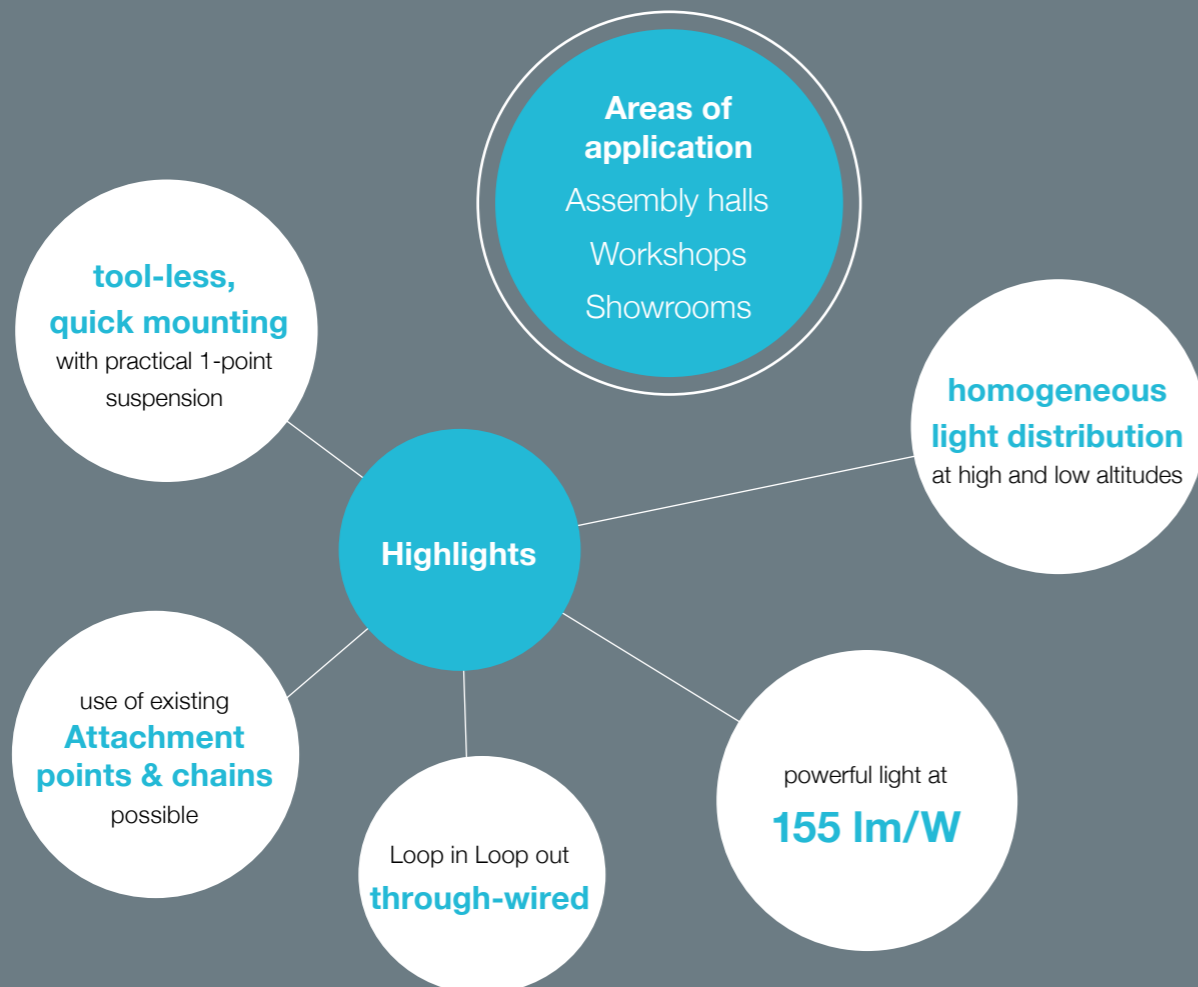


IndustryLUX LANARA ROUND

Dimensions in mm



Detailed information can be found in the order overview on page 91.



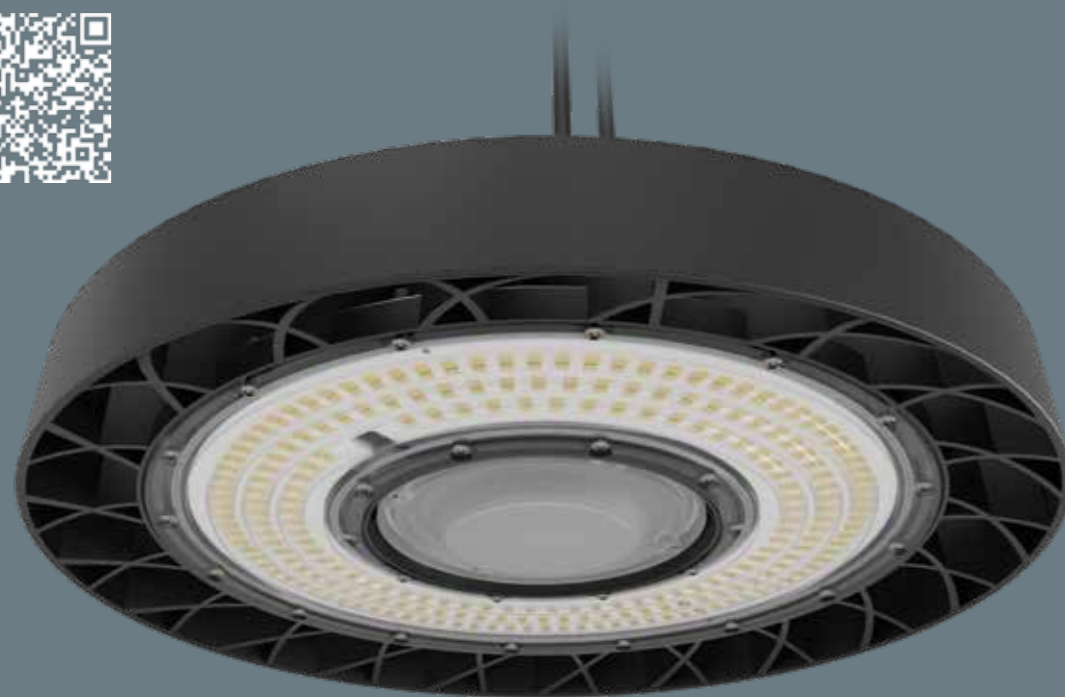
IndustryLUX

RODALIS 2.0

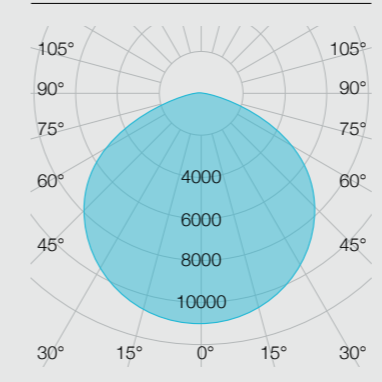
NEU



3 Years
Guarantee



Polar distribution curve

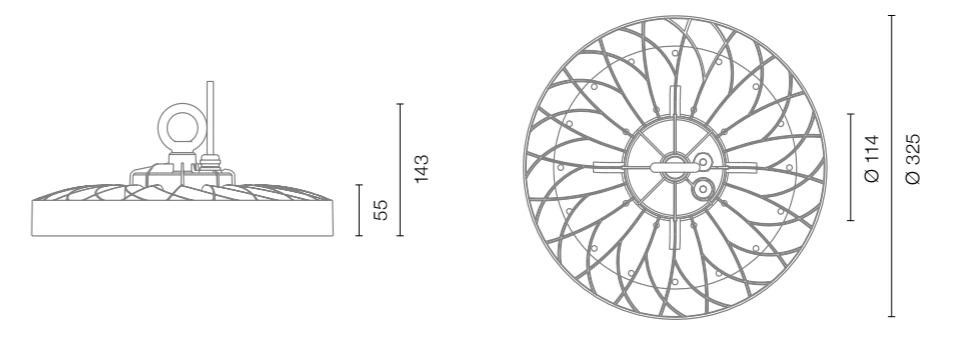


IndustryLUX RODALIS 2.0 100°

Technical data

Light flux	16.000 24.000 31.500 lm
Power consumption	100 150 200 W
Luminous efficiency	160 160 158 lm/W
Beam angle	110°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	2,9 3,0 3,1 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-25°C to +50°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm², 1,5 m 2 x connection cable: 3 x 1,0 mm², 2 x 0,5 mm², 2 x 1,5 m (DALI)
UV-resistant	limited
Dimmable	DALI optional
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	no
Cover	clear
Housing colour	black
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	6 3 3
Luminaires per circuit breaker C10A	10 6 6
Luminaires per circuit breaker B16A	9 5 5
Luminaires per circuit breaker C16A	16 9 9
Protection class	I

Dimensions in mm



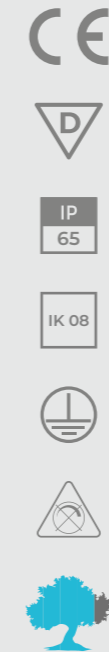
Detailed information can be found in the order overview on page 102.

IndustryLUX

RODALIS ECO



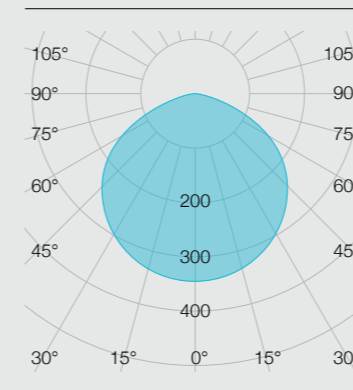
3 Years
Guarantee



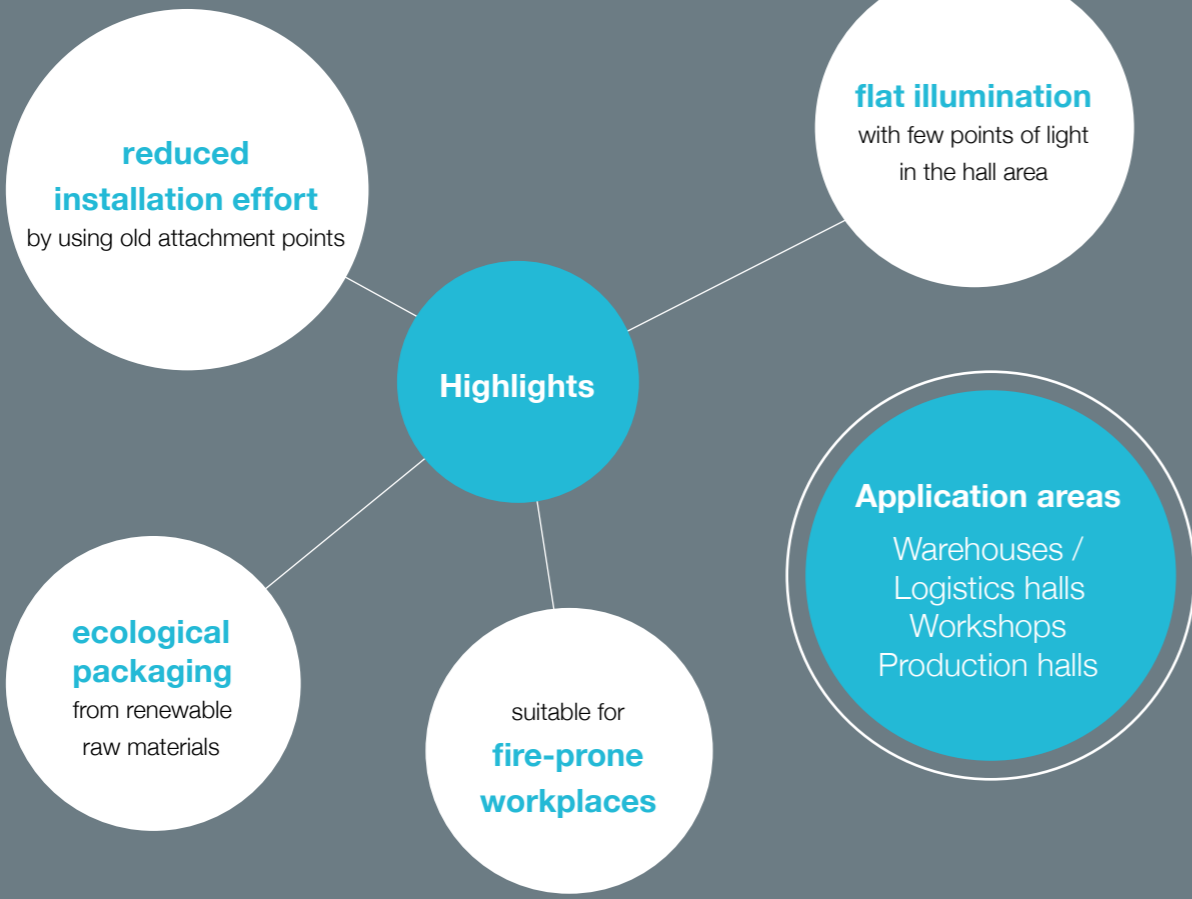
Technical data

Light flux	13.000 19.800 26.600 lm
Power consumption	98 145 195 W
Luminous efficiency	133 137 133 lm/W
Beam angle	120°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	3,4 4,1 4,2 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +45°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 1,5 m
UV-resistant	yes
Dimmable	no
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	no
Cover	clear
Housing colour	black
Housing material	aluminium & glas
Luminaires per circuit breaker B10A	3 (98W) 2 (145W) 2 (195W)
Luminaires per circuit breaker C10A	5 3 3
Luminaires per circuit breaker B16A	4 3 3
Luminaires per circuit breaker C16A	8 5 5
Protection class	I

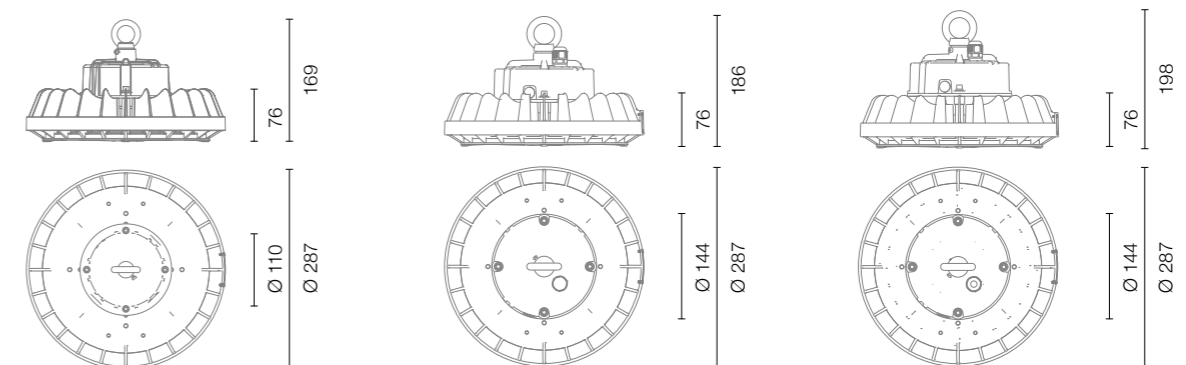
Polar distribution curve



IndustryLUX RODALIS ECO



Dimensions in mm



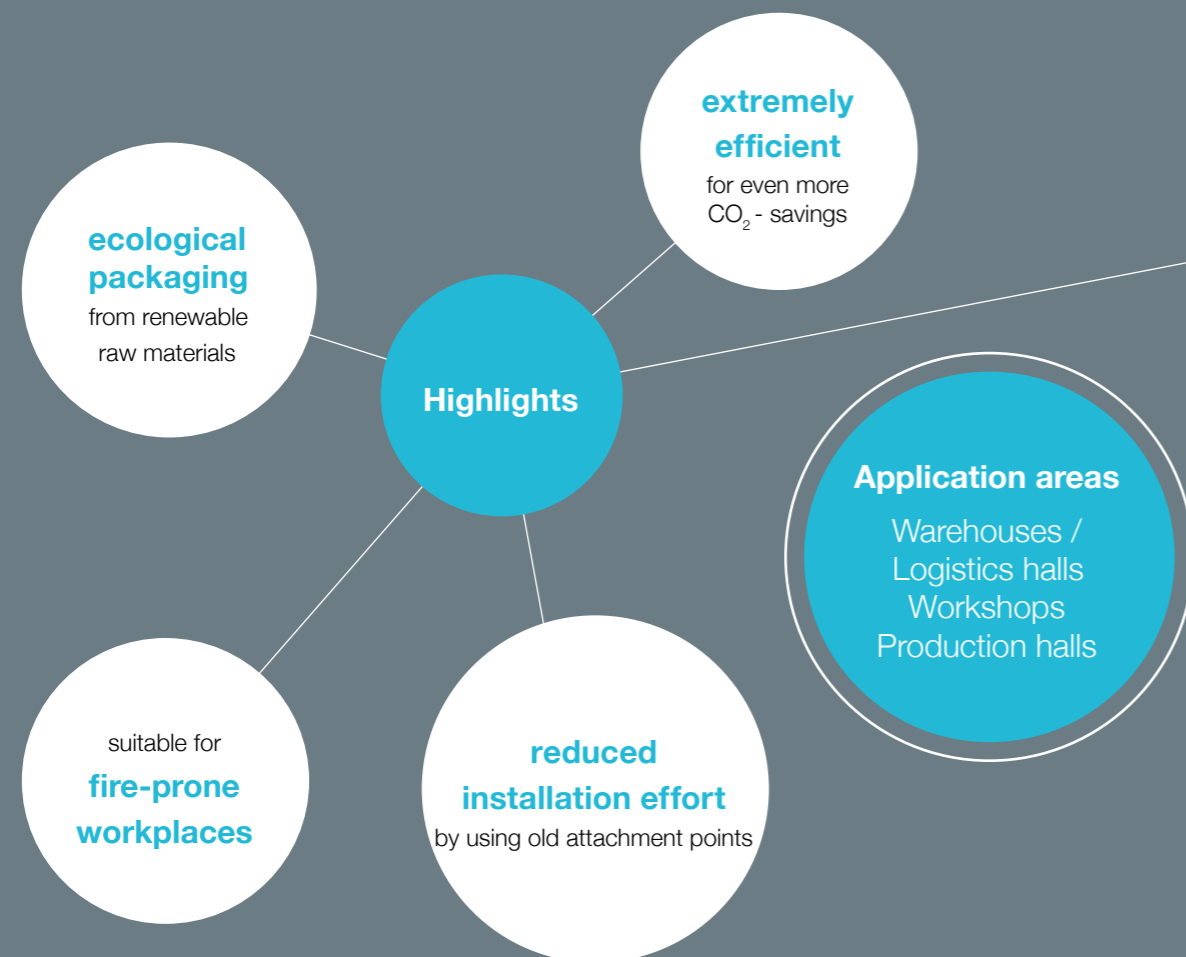
Detailed information can be found in the order overview on page 102.

IndustryLUX

RODALIS PRO



5 Years
Guarantee



Technical data

Light flux	15.500 23.500 33.500 lm
Power consumption	80 120 200 W
Luminous efficiency	194 196 168 lm/W
Beam angle	120°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	2,7 2,7 3,1 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +50°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 1,5 m
UV-resistant	limited
Dimmable	no
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	no
Cover	clear
Housing colour	black
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	3 (80W) 4 (120W) 6 (200W)
Luminaires per circuit breaker C10A	6 8 10
Luminaires per circuit breaker B16A	5 7 10
Luminaires per circuit breaker C16A	9 12 17
Protection class	I

Dimensions in mm

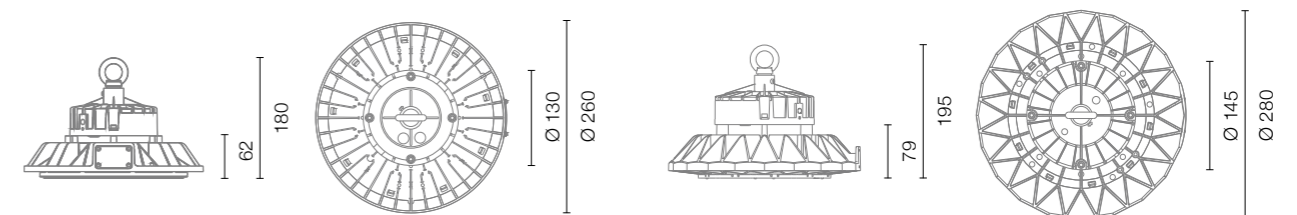
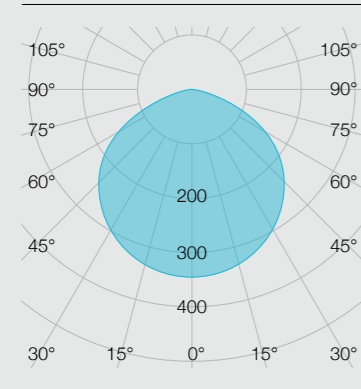


Fig. applies to 80 and 120 W

Fig. applies to 200 W

Polar distribution curve



IndustryLUX RODALIS PRO

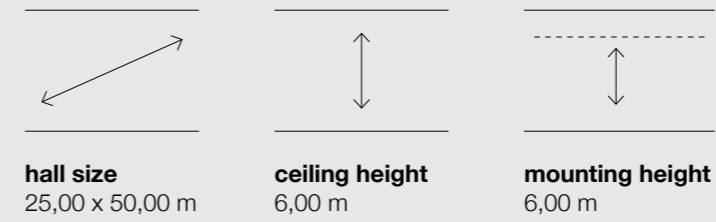
Light intensive upgrade

By replacing conventional HQI / HQL light sources with the IndustryLUX Rodalis Pro, **you save up to 80% on energy costs.**



IndustryLUX RODALIS PRO 80	80 W	replaces	400 W HQL	250 W HQI
IndustryLUX RODALIS PRO 120	120 W	replaces	700 W HQL	400 W HQI
IndustryLUX RODALIS PRO 200	200 W	replaces	1.000 W HQL	

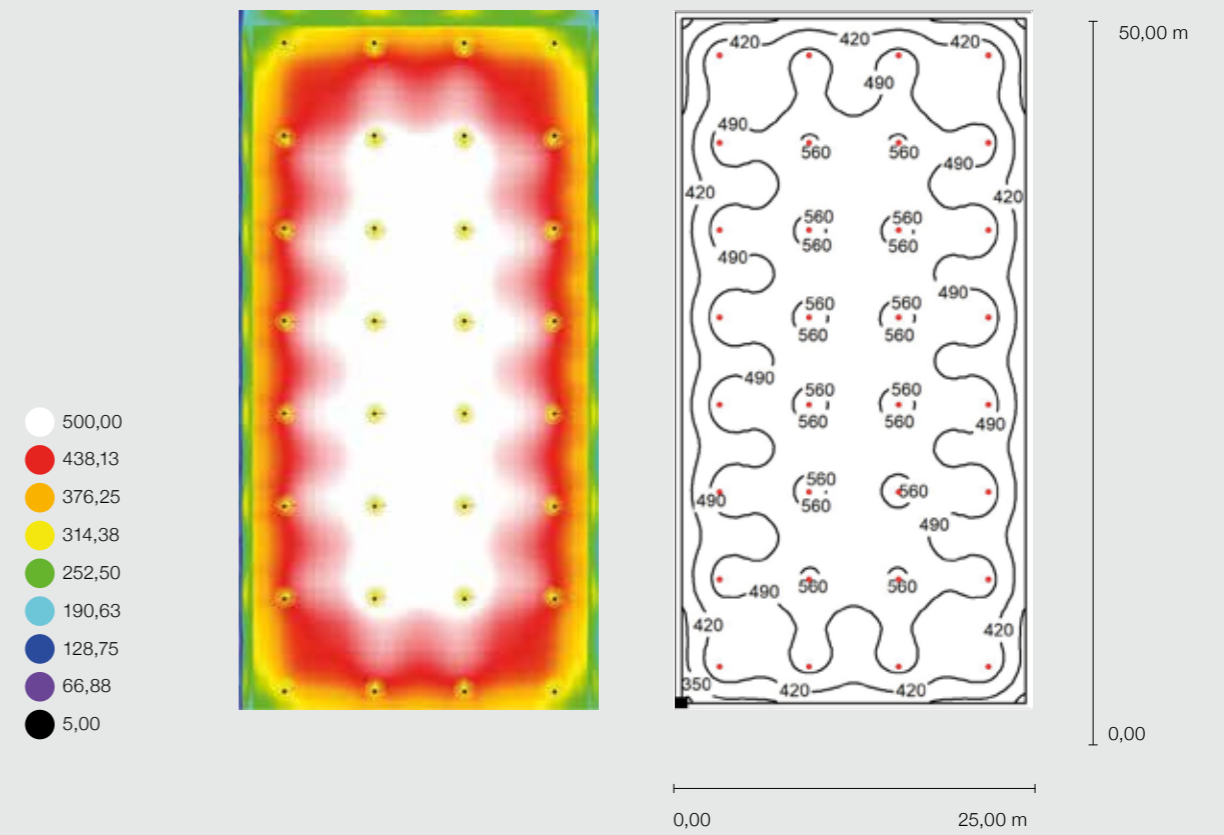
Lighting calculation example



hall size
25,00 x 50,00 m

ceiling height
6,00 m

mounting height
6,00 m



	E_m [lx]	g_1
working plane	481	0,542


Luminaires list

name	piece	ϕ (luminaire) [lm]	total [lm]	P [W]	total P (W)
IndustryLUX RODALIS PRO	32	23.500	751.992	120	3.840


IndustryLUX **RODALIS 2.0**

Product	Art.-Nr.	EAN		lm	Watt	°	Ø x H mm	Gross Price	PU
RODALIS 2.0 100	435011100066	4260374018766	5000 K	16.000	100	110°	Ø325 x 143	310,42 €	1
RODALIS 2.0 150	435011150068	4260374018780	5000 K	24.000	150	110°	Ø325 x 143	372,92 €	1
RODALIS 2.0 200	435011200070	4260374018803	5000 K	31.500	200	110°	Ø325 x 143	497,92 €	1
RODALIS 2.0 100, DALI	435011100067	4260374018773	5000 K	16.000	100	110°	Ø325 x 143	352,08 €	1
RODALIS 2.0 150, DALI	435011150069	4260374018797	5000 K	24.000	150	110°	Ø325 x 143	414,58 €	1
RODALIS 2.0 200, DALI	435011200071	4260374018810	5000 K	31.500	200	110°	Ø325 x 143	539,58 €	1

IndustryLUX **RODALIS ECO**

Product	Art.-Nr.	EAN		lm	Watt	°	Ø x H mm	Gross Price	PU
RODALIS ECO 98	435012090045	4260374015581	5000 K	13.000	98	120°	Ø287 x 169	227,08 €	1
RODALIS ECO 145	435012140046	4260374015598	5000 K	19.800	145	120°	Ø287 x 186	268,75 €	1
RODALIS ECO 195	435012190047	4260374015604	5000 K	26.000	195	120°	Ø287 x 198	372,92 €	1

IndustryLUX **RODALIS PRO**

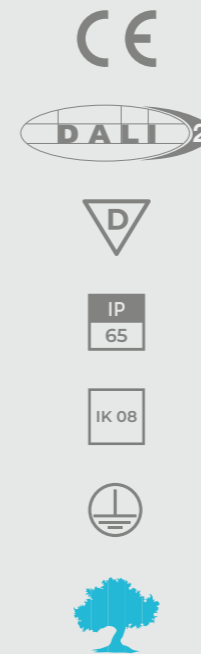
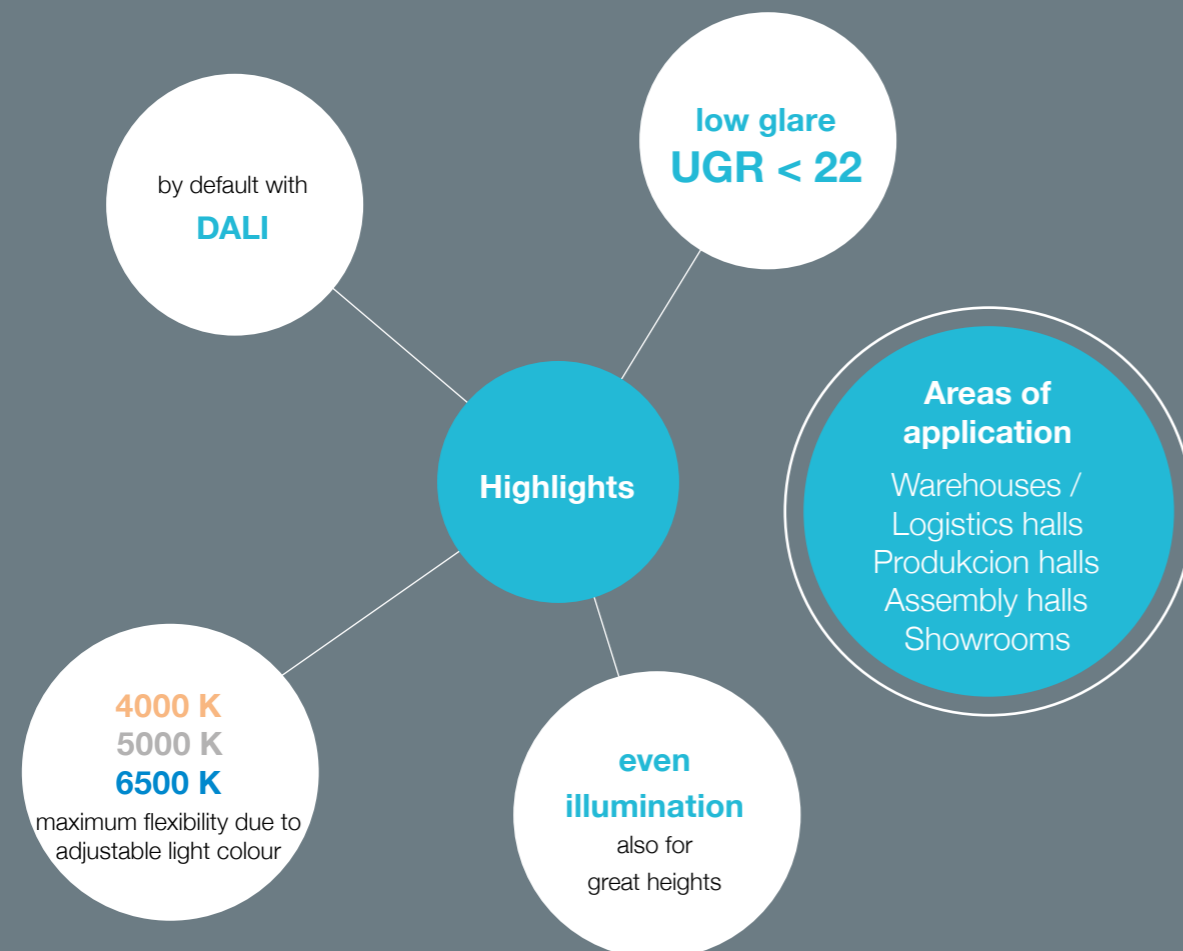
Product	Art.-Nr.	EAN		lm	Watt	°	Ø x H mm	Gross Price	PU
RODALIS PRO 80	435012080048	4260374015611	5000 K	15.500	80	120°	Ø260 x 180	393,75 €	1
RODALIS PRO 120	435012120049	4260374015628	5000 K	23.500	120	120°	Ø260 x 180	456,25 €	1
RODALIS PRO 200	435012200050	4260374015635	5000 K	33.500	200	120°	Ø280 x 195	560,42 €	1

5 Years
Guarantee

IndustryLUX

HEMERA 2.0

NEW



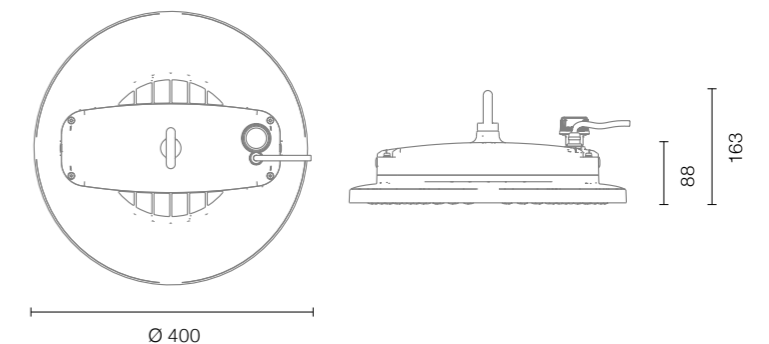
Technical data

Light flux	14.600 22.500 lm
Power consumption	100 157 W
Luminous efficiency	146 143 lm/W
Beam angle	80°
Light colour	4000 5000 6500 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	5,0 5,3 kg
Input voltage AC	100- 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +50°C
Through-wiring	no
Connection	connecting cable: 5 x 1,0 mm ² , 1,5 m
UV-resistant	limited
Dimmable	DALI
IP Code	IP 65
Impact resistance	IK 08
Applicable in the food sector	no
Cover	clear
Housing colour	grey
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	10 13
Luminaires per circuit breaker C10A	16 13
Luminaires per circuit breaker B16A	16 21
Luminaires per circuit breaker C16A	26 21
Protection class	I

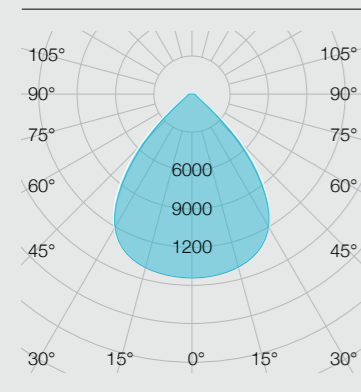
Heill



Dimensions in mm



Polar distribution curve



IndustryLUX HEMERA 2.0 80°



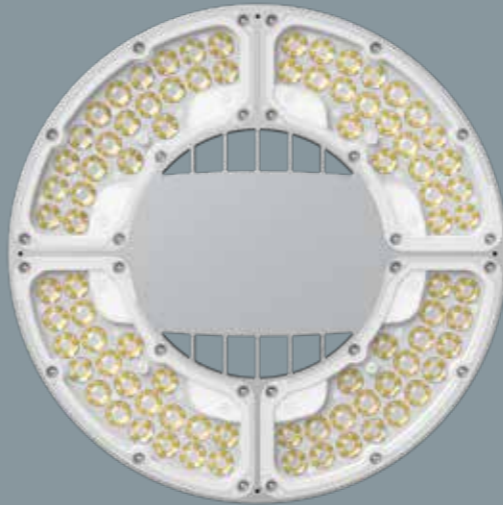
Lots of light - little glare

Do you want maximum illumination and minimum glare? Then our IndustryLUX HEMERA 2.0 is the solution. Thanks to the lens technology, a pleasant, low-glare light is created with high uniformity at the same

time. Sufficient brightness and visual comfort are also available at higher altitudes. With UGR < 22, the HEMERA 2.0 is particularly suitable for corridors and traffic routes.

Product features at a glance


UGR < 22
Directed light ensures an evenly illuminated area and low glare




Lens technology
brings the light to where it is needed



Maximum flexibility
due to selectable light colour
4000 | 5000 | 6500 K



IP 65 & IK 08
provide protection against rough strain



Hall

Order overview

IndustryLUX HEMERA 2.0

Product	Art.-Nr.	EAN	lm	Watt	°	Ø x H mm	Gross Price	PU	
HEMERA 2.0 100	439980100072	4260374018827	4000 K 5000 K 6500 K	14.000	100	80°	Ø400 x 88 (163)	518,75 €	1
HEMERA 2.0 160	439980150073	4260374018834	4000 K 5000 K 6500 K	22.500	157	80°	Ø400 x 88 (163)	622,92 €	1

All prices refer to 1 piece plus VAT.

NEU im Sortiment

5 Years
Guarantee

IndustryLUX



Ill. shows IndustryLUX 205 with PC-screen 80°

IndustryLUX 034 – 164

IndustryLUX 205 – 375



Technical data

Light flux	up to 44.800 lm
Power consumption	30 - 310 W
Luminous efficiency	up to 147 lm/W
Beam angle	80° 100° 120°
Light colour	5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	< 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	4,2 - 16,4 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +50°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 2 m
UV-resistant	limited - 034 to 164 yes - 205 and 375
Dimmable	no
IP Code	IP 65
Impact resistance	IK10 IK 06
Applicable in the food sector	no
Cover	clear
Housing colour	aluminium
Housing material	aluminium & PC or glas
Luminaires per circuit breaker B10A	7 2 3 3 2 1 1
Luminaires per circuit breaker C10A	13 3 3 5 5 4 3 3
Luminaires per circuit breaker B16A	12 3 4 5 3 2 2
Luminaires per circuit breaker C16A	20 6 8 8 6 4 4
Protection class	I

Radiation via screensc
individually adjustable

different performance levels
available

long service life
due to proven thermal management

Highlights

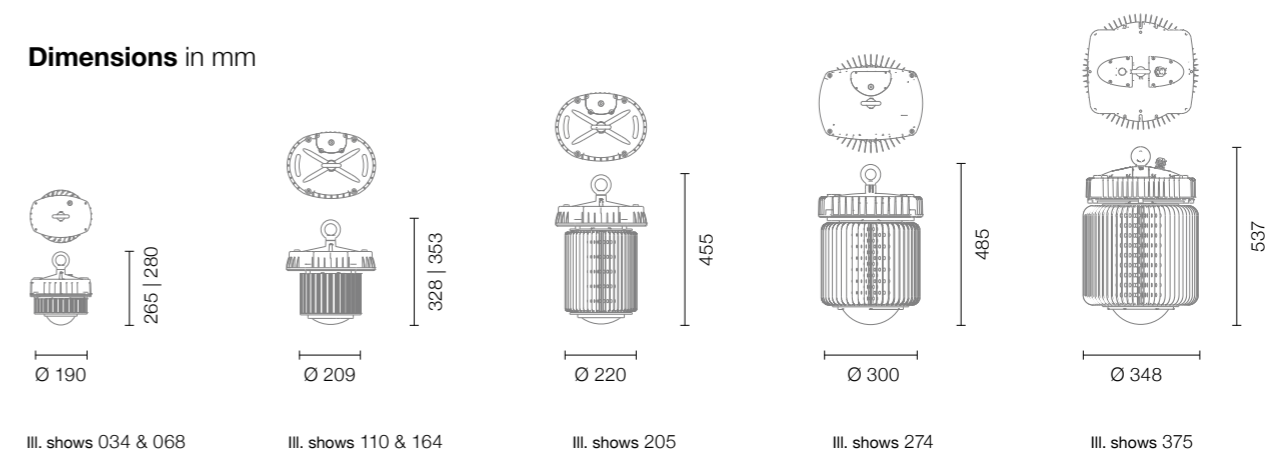
up to
44.800 lm

current technology in
Retrolook

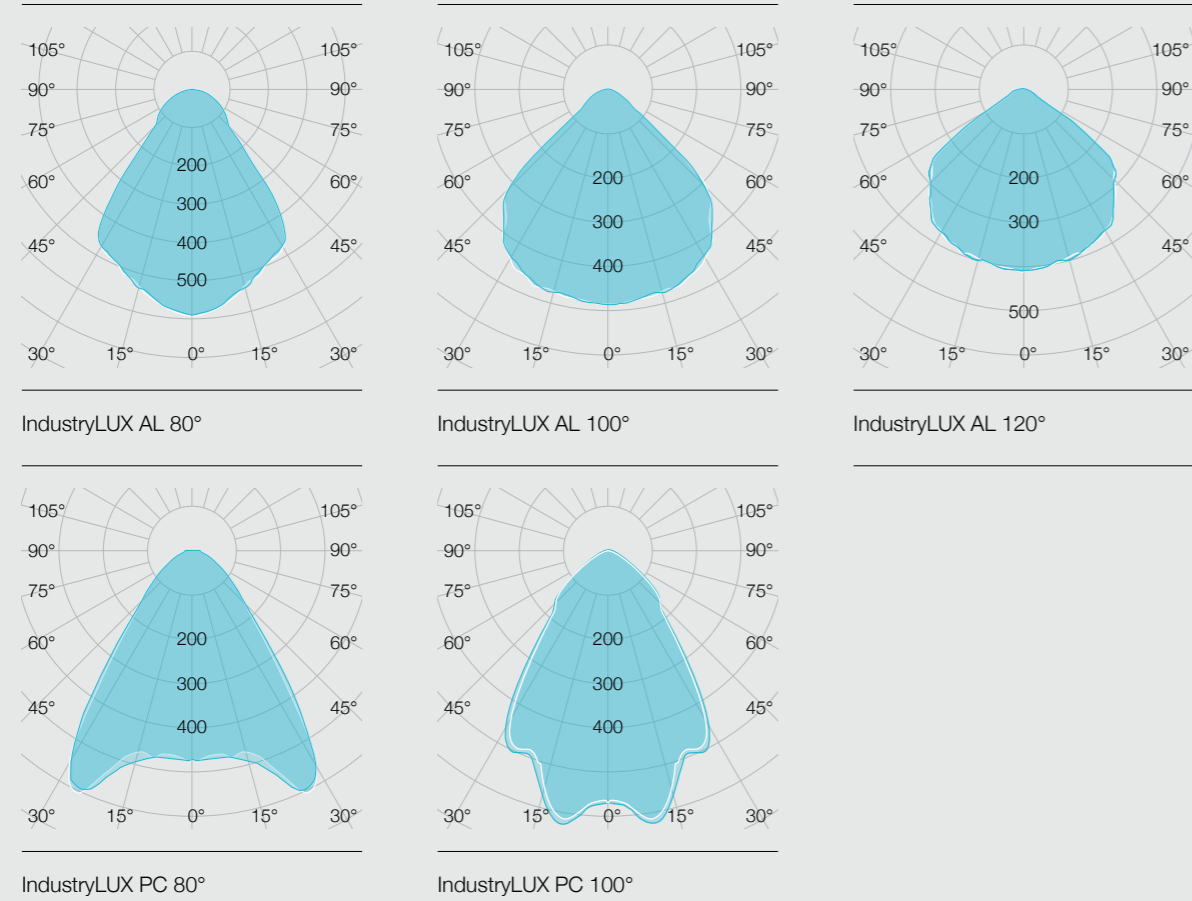
Application areas

Construction market
Car dealerships
Modern architecture
Fitness studios
Canteens

Dimensions in mm



Polar distribution curves



Long-term renovation solution

For some years now, mercury vapor lamps (HQL) have no longer been allowed to appear on the market. With our IndustryLUX we offer an economical and future-oriented alternative with up to **70% energy savings.**



Lumen output of IndustryLUX with screens

Art.-Nr.	Product	Screen	Luminaires luminous flux
431050650093	IndustryLUX 034	PC-S 80°	4.100 lm
		PC-S 100°	4.100 lm
		AL-S 80°	3.800 lm
		AL-S 100°	4.300 lm
431050650066	IndustryLUX 068	AL-S 120°	4.300 lm
		PC-S 80°	8.400 lm
		PC-S 100°	8.400 lm
		AL-S 80°	7.700 lm
431050650066	IndustryLUX 068	AL-S 100°	8.500 lm
		AL-S 120°	8.550 lm
		PC-S 80°	11.100 lm
		PC-S 100°	11.100 lm
431050650090	IndustryLUX 110	AL-S 80°	10.500 lm
		AL-S 100°	11.500 lm
		AL-S 120°	11.700 lm
		PC-S 80°	16.900 lm
431050650011	IndustryLUX 164	PC-S 100°	16.900 lm
		AL-S 80°	15.800 lm
		AL-S 100°	17.500 lm
		AL-S 120°	17.700 lm
431050650016	IndustryLUX 205	PC-S 80°	20.700 lm
		PC-S 100°	20.700 lm
		AL-S 80°	19.200 lm
		AL-S 100°	21.400 lm
431050650016	IndustryLUX 205	AL-S 120°	21.600 lm
		PC-B 80°	28.600 lm
		AL-B 80°	27.000 lm
		AL-B 100°	29.800 lm
431050650022	IndustryLUX 274	AL-B 120°	30.500 lm
		PC-B 80°	42.800 lm
		AL-B 80°	40.000 lm
		AL-B 100°	43.800 lm
431050650033	IndustryLUX 375	AL-B 120°	44.800 lm

Screens



AL-screen:
AL-S 80° Ø395 x 238 mm
AL-B 80° Ø500 x 305 mm



AL-screen:
AL-S 100° Ø602 x 258 mm
AL-B 100° Ø588 x 188 mm



AL-screen :
AL-S 100° Ø602 x 258 mm
AL-B 100° Ø588 x 188 mm




PC-screen:
PC-S 80° Ø412 x 260 mm
PC-B 80° Ø570 x 395 mm










PC-screen:
PC-S 100° Ø480 x 300 mm

IndustryLUX


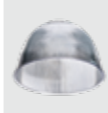



Product	Art.-Nr.	EAN		lm	Watt	Ø x H mm	Gross Price	PU
IndustryLUX 034	431050650093	4260374011118	5000 K	max. 4.300	30	Ø220 x 265	414,58 €	1
IndustryLUX 068	431050650066	4260374011132	5000 K	max. 8.550	61	Ø220 x 280	497,92 €	1
IndustryLUX 110	431050650090	4260374011156	5000 K	max. 11.700	81	Ø277 x 328	581,25 €	1
IndustryLUX 164	431050650011	4260374011170	5000 K	max. 17.700	122	Ø277 x 353	685,42 €	1
IndustryLUX 205	431050650016	4260374011194	5000 K	max. 21.600	151	Ø277 x 455	789,58 €	1

 Other light colors possible on request

Accessories 034-205	Art.-Nr.	EAN		Ø x H mm	Gross Price	PU
 IndustryLUX screen PC-S 80°	430100008000	4260292193477	80°	Ø412 x 260	81,25 €	1
 IndustryLUX screen AL-S 80°	430200008000	4260292193484	80°	Ø395 x 238	81,25 €	1
 IndustryLUX screen PC-S 100°	430100001000	4260292196379	100°	Ø480 x 300	91,67 €	1
 IndustryLUX screen AL-S 100°	430200001000	4260292193491	100°	Ø602 x 258	91,67 €	1
 IndustryLUX screen AL_S 120°	430200001200	4260292196386	120°	Ø500 x 158	91,67 €	1

Product	Art.-Nr.	EAN		lm	Watt	Ø x H mm	Gross Price	PU
IndustryLUX 274	431050650022	4260374011217	5000 K	max. 30.500	208	Ø315 x 485	1.102,08 €	1
IndustryLUX 375	431050650033	4260374011255	5000 K	max. 44.800	310	Ø348 x 537	1.727,08 €	1

 Other light colors are available on demand

Zubehör 274-375	Art.-Nr.	EAN		Ø x H mm	Gross Price	PU
 IndustryLUX screen PC-B 80°	430100008001	4260374010623	80°	Ø570 x 395	81,25 €	1
 IndustryLUX screen AL-B 80°	430200008001	4260374010531	80°	Ø500 x 305	81,25 €	1
 IndustryLUX screen AL-B 100°	430200001001	4260374010548	100°	Ø588 x 188	91,67 €	1
 IndustryLUX screen AL-B 120°	430200001201	4260374010555	120°	Ø560 x 124	91,67 €	1

Outdoor lighting

Rain, snow, extreme sunlight and numerous other conditions call for a robust outdoor lighting system. The weatherproof outdoor luminaires from lichtline are perfect for use on access roads, loading zones, car parks, open spaces and wherever safe routing is enormously important. They are energy-saving, easy to maintain and provide reliable illumination of traffic and work-related areas. This not only ensures a safe working environment, but also reduces the risk of vandalism at night.

IndustryLUX FLAT NEO	116
IndustryLUX FLAT 2.0	122
RoadLUX PRO	130
FloodLUX PRO	138



IndustryLUX

FLAT NEO

NEW



5 Years
Guarantee



Technical data

Light flux	up to 33.600 lm
Power consumption	78 156 234 W
Luminous efficiency	up to 144 lm/W
Beam angle	60° 90° 30 x 100° 50 x 140°
Light colour	5 000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	< 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	5,1 7,0 9,1 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-40°C to +50°C
Through-wiring	no
Connection	Plug: 3-pole, max. 1,0 mm ²
UV-resistant	limited
Dimmable	DALI on demand
IP Code	IP 65
Impact resistance	IK10
Applicable in the food sector	no
Cover	clear
Housing colour	black
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	3 (78W) 2 (156W) 1 (234W)
Luminaires per circuit breaker C10A	5 4 2
Luminaires per circuit breaker B16A	5 4 3
Luminaires per circuit breaker C16A	9 7 4
Protection class	I

Outdoor

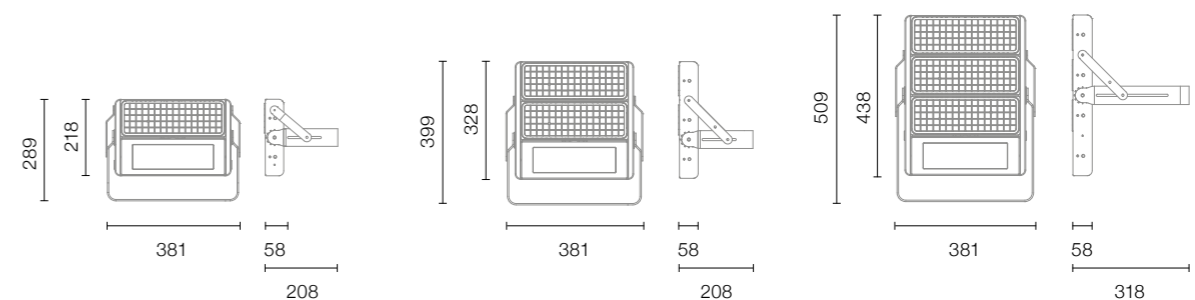
Highlights



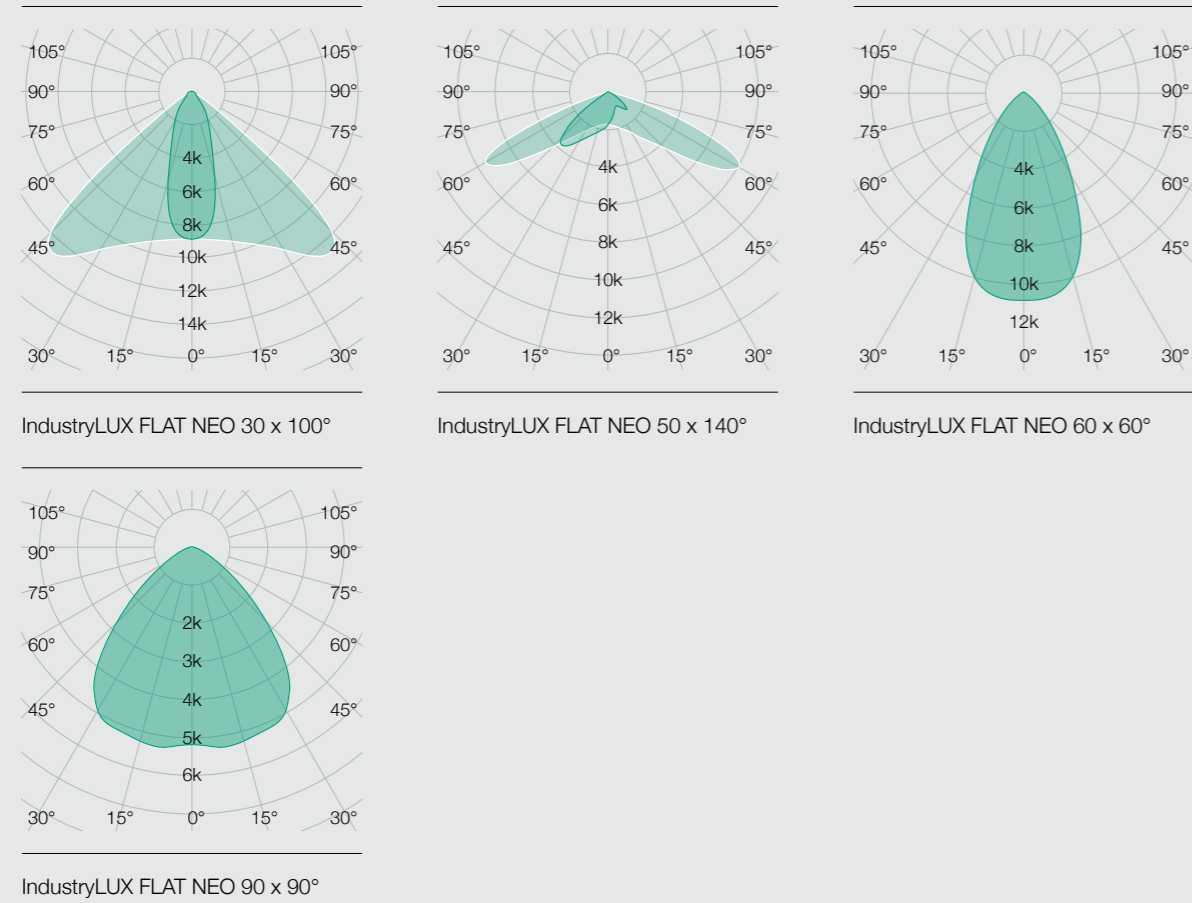
Areas of application

- Logistics / industrial facilities
- Building lighting
- Loading zones
- billboards

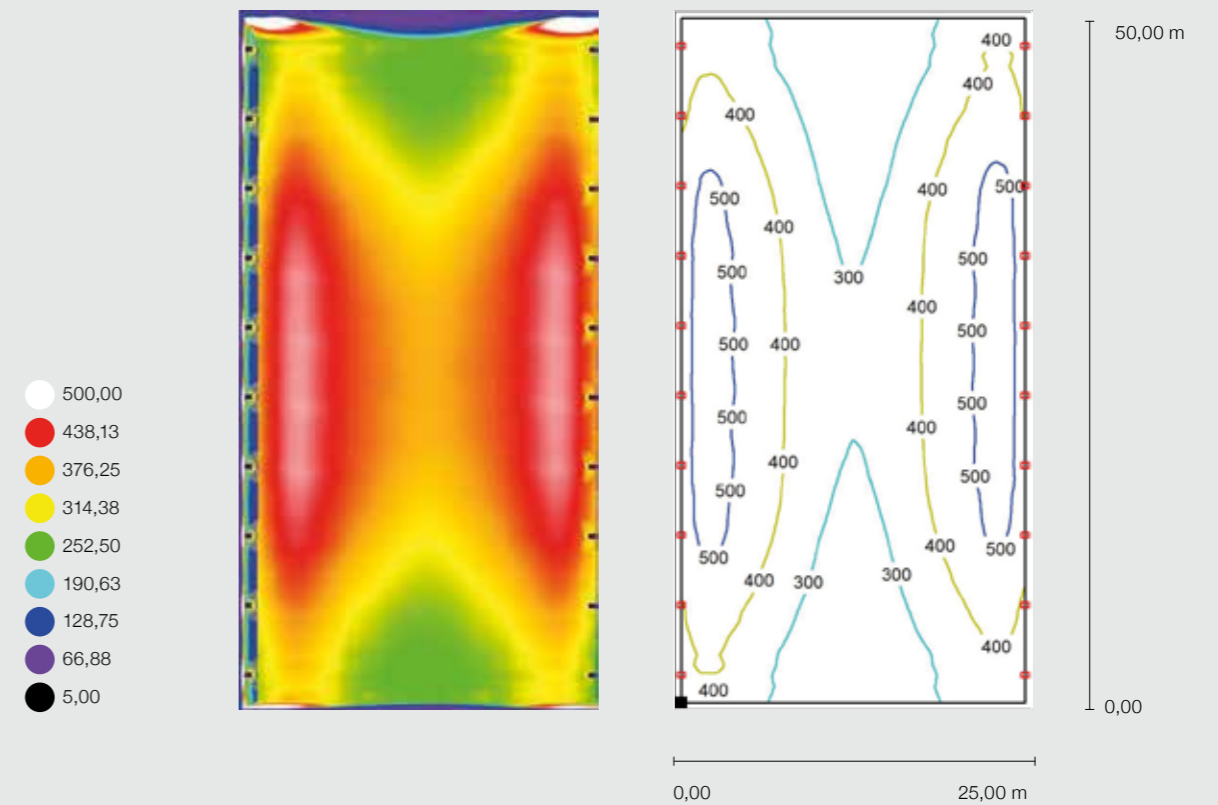
Dimensions in mm



Light distribution curves



Lighting calculation example



Reliable

The FLAT NEO is extremely robust and designed for the most demanding loads. It is jet-proof, shock-resistant and therefore perfectly designed for the high demands of industry.

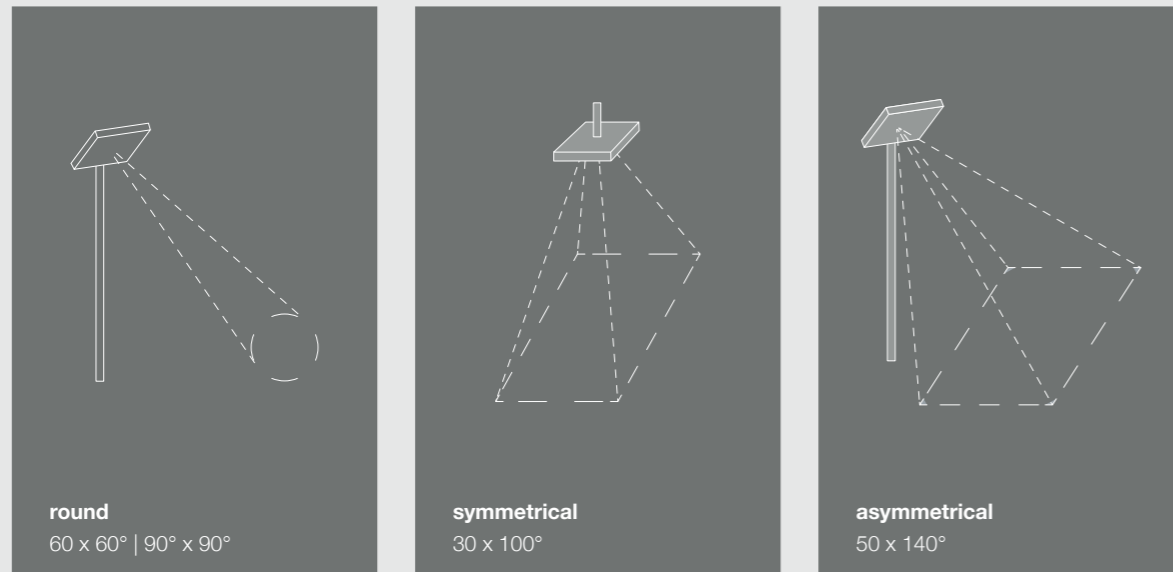


	E_m [lx]	g_r
working plane	382	0,528

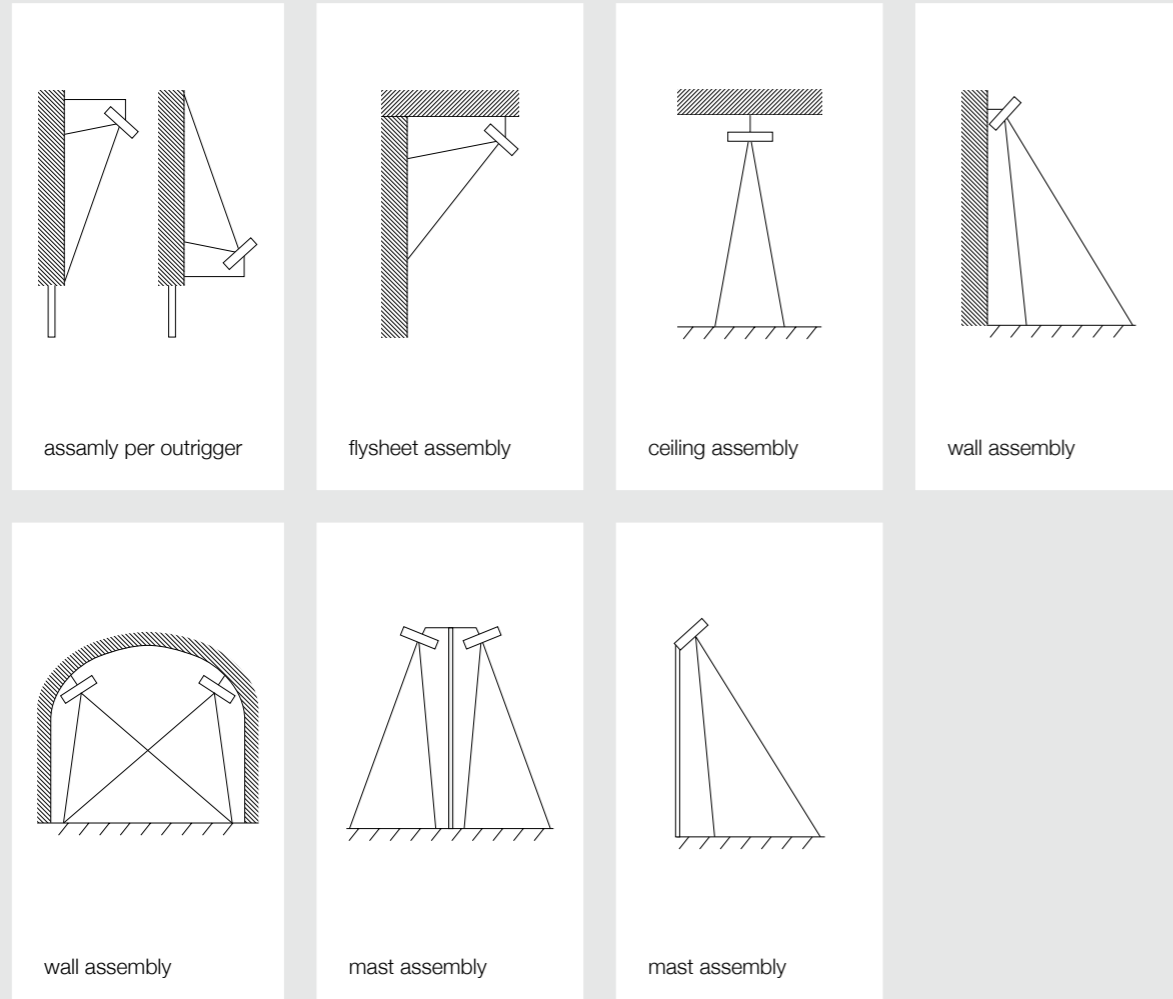
Luminaires list

name	piece	ϕ (luminaire) [lm]	total [lm]	P [W]	total P (W)
IndustryLUX FLAT NEO 234 50 x 140°	20	33.600	672.000	234	4.680

Illumination area



Type of installation



IndustryLUX FLAT NEO

Product	Art.-Nr.	EAN	Im	Watt	°	L x B x H mm	Gross Price	PU
IndustryLUX FLAT NEO 78	444007600047	4260374018162	4000 K	11.100	78	60° x 60° 381 x 289 x 58 (208)	581,25 €	1
IndustryLUX FLAT NEO 78	444007090109	4260374018179	4000 K	11.100	78	90° x 90° 381 x 289 x 58 (208)	581,25 €	1
IndustryLUX FLAT NEO 78	444007310110	4260374018186	4000 K	11.000	78	30° x 100° 381 x 289 x 58 (208)	581,25 €	1
IndustryLUX FLAT NEO 78	444007510111	4260374018193	4000 K	11.100	78	50° x 140° 381 x 289 x 58 (208)	581,25 €	1
IndustryLUX FLAT NEO 156	444015600048	4260374018209	4000 K	22.100	156	60° x 60° 381 x 399 x 58 (208)	810,42 €	1
IndustryLUX FLAT NEO 156	444015090112	4260374018216	4000 K	22.100	156	90° x 90° 381 x 399 x 58 (208)	810,42 €	1
IndustryLUX FLAT NEO 156	444015310113	4260374018223	4000 K	22.000	156	30° x 100° 381 x 399 x 58 (208)	810,42 €	1
IndustryLUX FLAT NEO 156	444015510114	4260374018230	4000 K	22.100	156	50° x 140° 381 x 399 x 58 (208)	810,42 €	1
IndustryLUX FLAT NEO 234	444023060115	4260374018247	4000 K	33.400	234	60° x 60° 381 x 509 x 58 (318)	1.081,25 €	1
IndustryLUX FLAT NEO 234	444023090116	4260374018254	4000 K	33.400	234	90° x 90° 381 x 509 x 58 (318)	1.081,25 €	1
IndustryLUX FLAT NEO 234	444023310117	4260374018261	4000 K	33.300	234	30° x 100° 381 x 509 x 58 (318)	1.081,25 €	1
IndustryLUX FLAT NEO 234	444023510118	4260374018278	4000 K	33.600	234	50° x 140° 381 x 509 x 58 (318)	1.081,25 €	1

i Scope of delivery: incl. connector plug; DALI and other light colours on request

Outdoor

All prices refer to 1 piece plus VAT.

NEW in our assortment

IndustryLUX

FLAT 2.0

NEW



5 Years
Guarantee



Areas of application
Logistics / industrial facilities
Building lighting
Car parks
billboards
aircraft hangars

powerful illumination
even from great heights

can be used for **indoor and unprotected outdoor areas**

Highlights

less **light pollution**
due to optimal alignment of light

improved efficiency

versatile use
due to different beam angles

glass light field cover
extends the application possibilities

Technical data

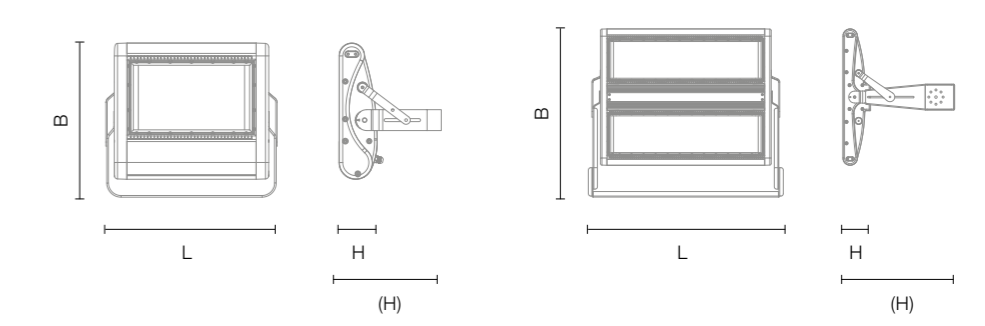
Light flux	up to 147.000 lm
Power consumption	64 - 970 W
Luminous efficiency	up to 152 lm/W
Beam angle	60° 90° 60 x 90° 85 x 135°
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 60.000 h [L80, B10]
Weight	4,2 to 31,5 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	176 - 250 V DC
Operating temperature	-40°C to +50°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 2 m
UV-resistant	yes
Dimmable	DALI on demand
IP Code	IP 65
Impact resistance	IK08
Applicable in the food sector	no
Cover	clear
Housing colour	black
Housing material	aluminium & glas
Luminaire per circuit breaker B10A	5 5 5 5 1 2 2 - - -
Luminaire per circuit breaker C10A	9 9 9 9 3 4 4 1 1 1
Luminaire per circuit breaker B16A	8 8 8 8 2 4 4 1 1 1
Luminaire per circuit breaker C16A	14 14 14 14 4 6 7 2 1 1
Protection class	I

Outdoor

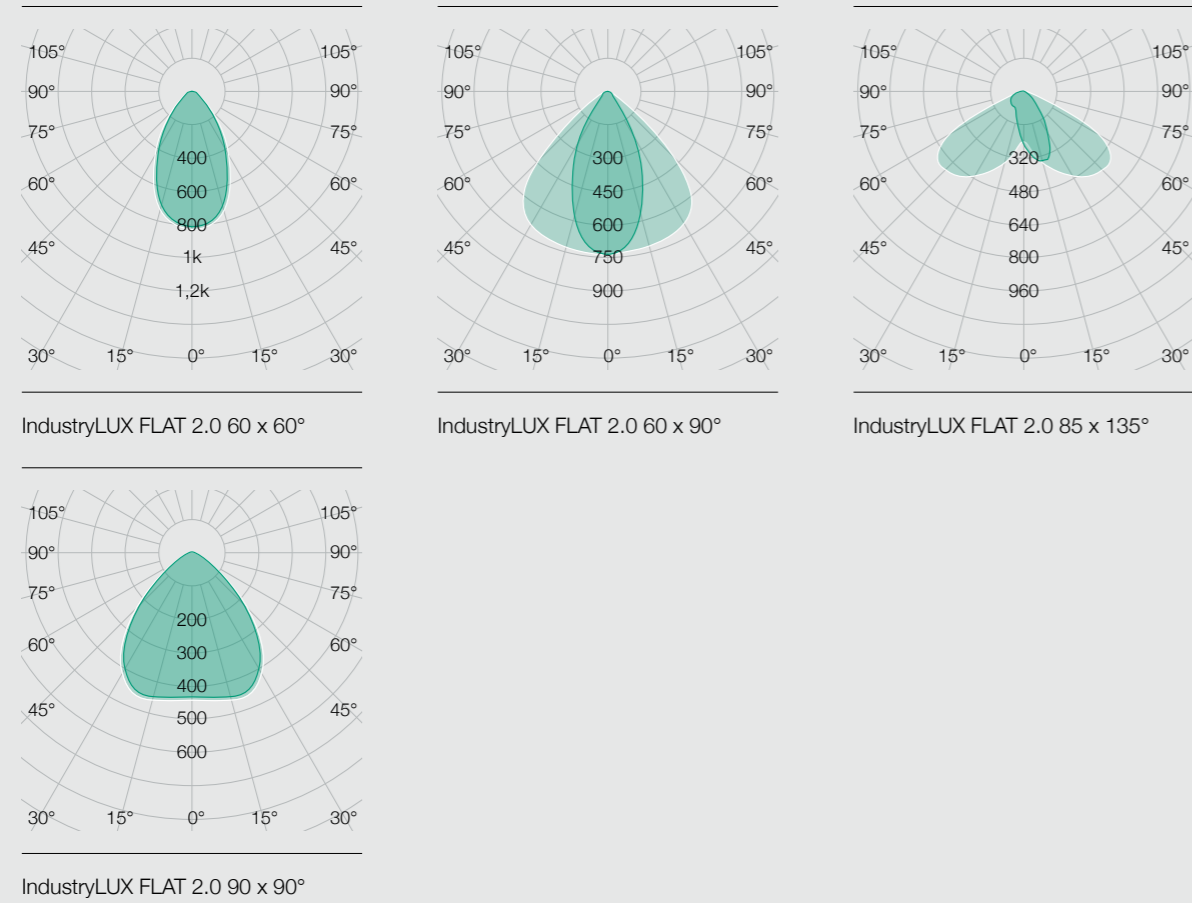
Dimensions L x B x H in mm

Flat 2.0 60 bis 400
260 x 360 x 90 (245)
310 x 370 x 90 (245)
310 x 370 x 90 (245)
360 x 370 x 90 (245)
410 x 370 x 90 (245)
460 x 370 x 90 (245)
560 x 370 x 90 (245)
660 x 370 x 90 (245)

FLAT 2.0 600 | 1000
585 x 705 x 115 (470)
790 x 705 x 115 (470)

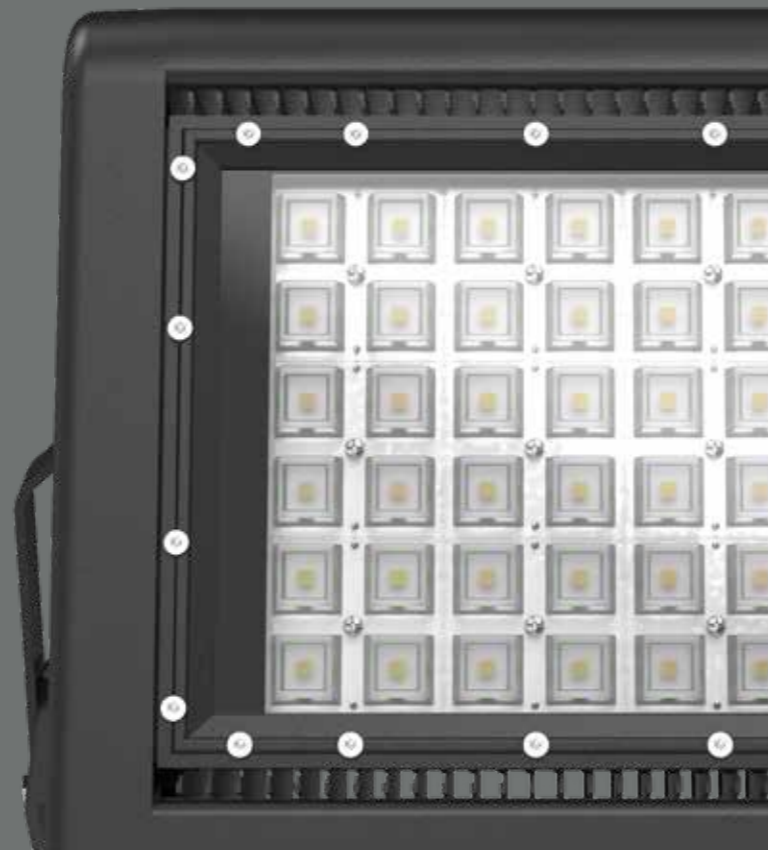


Light distribution curves

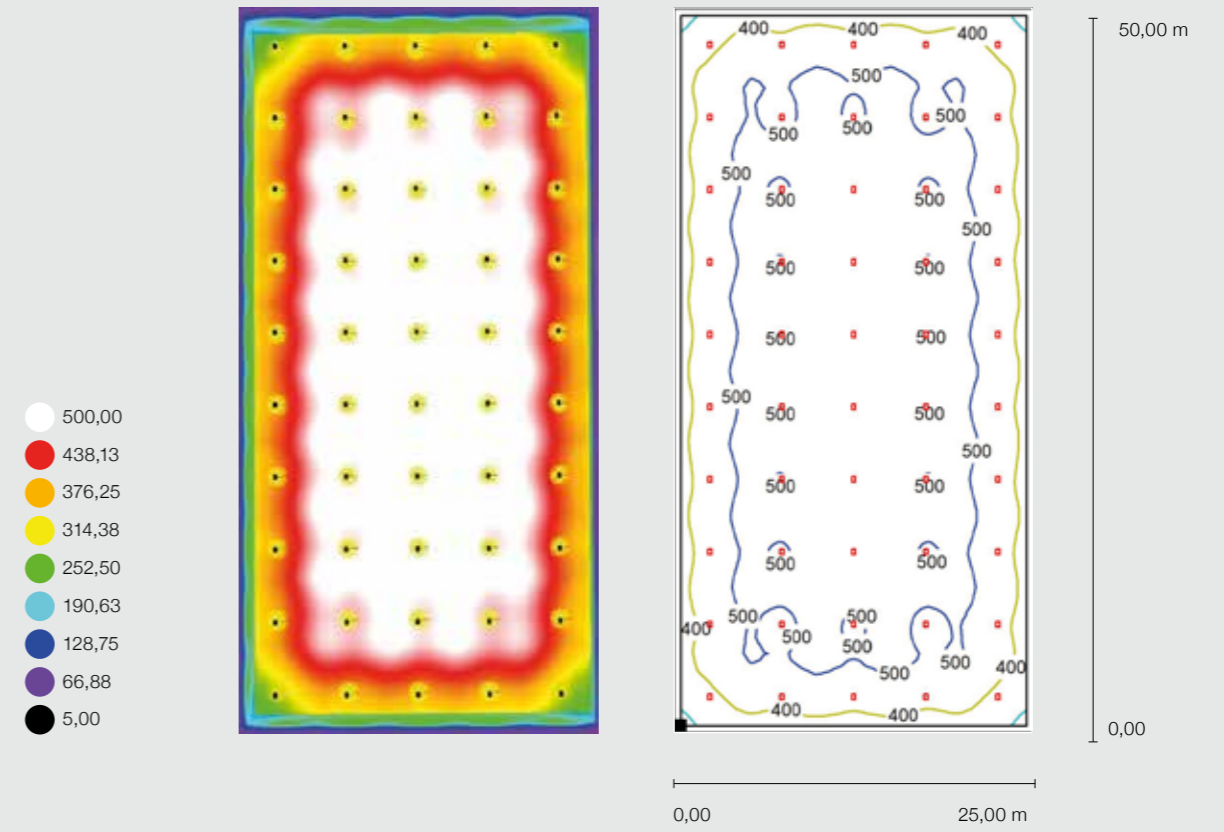
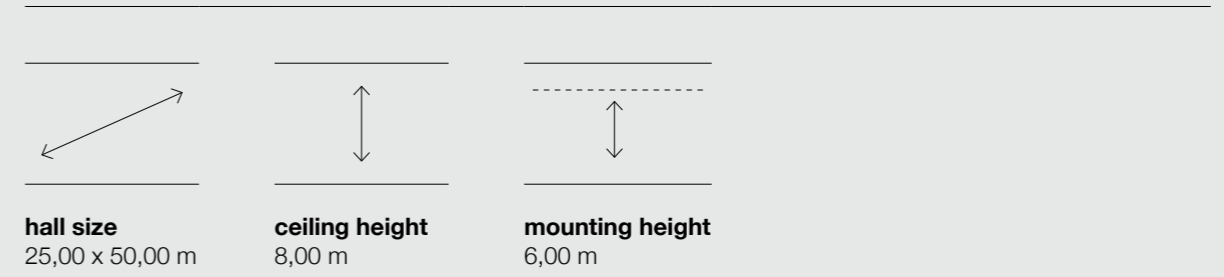


Further advantages

- **Versatile mounting options**
- **Adjustable tilt angle** for high individuality
- **Suitable beam angle** for every application



Lighting calculation example

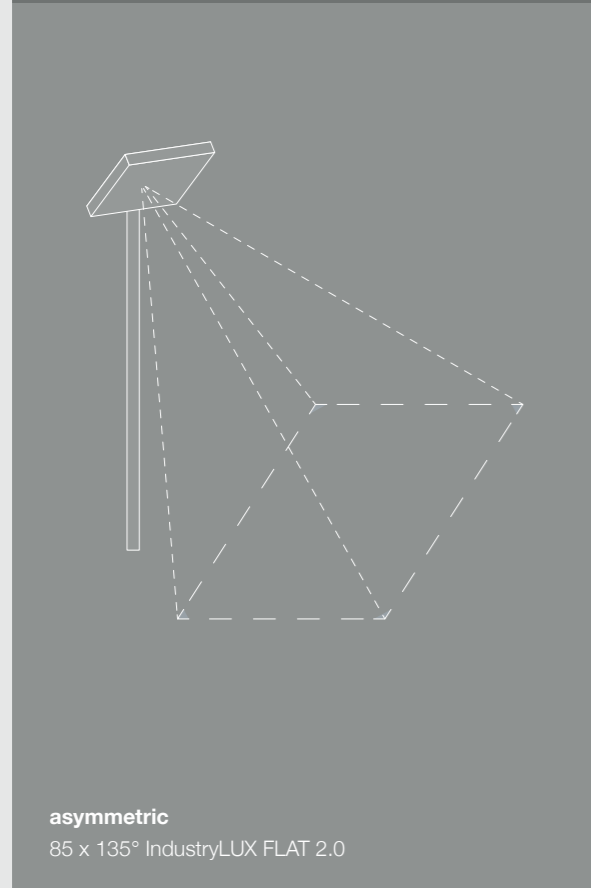
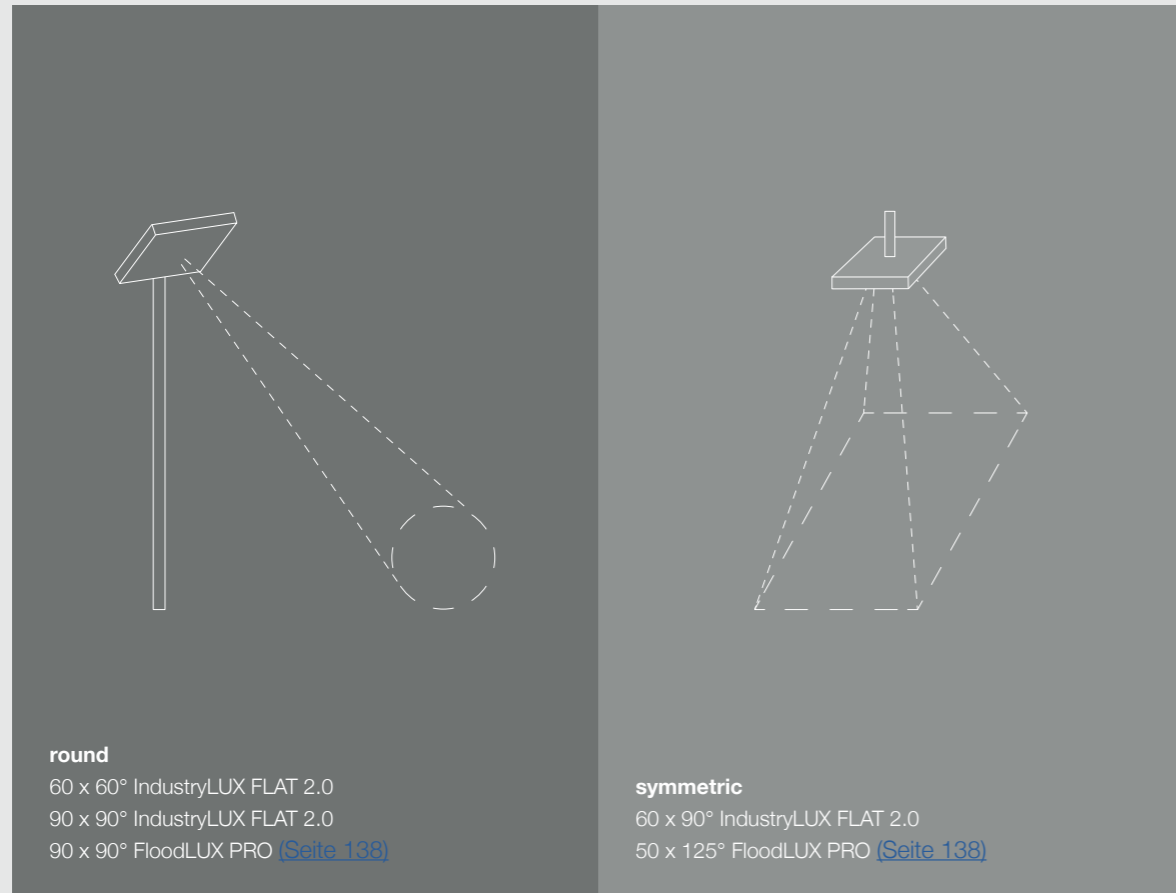


	E_m [lx]	g_t
working plane	479	0,564

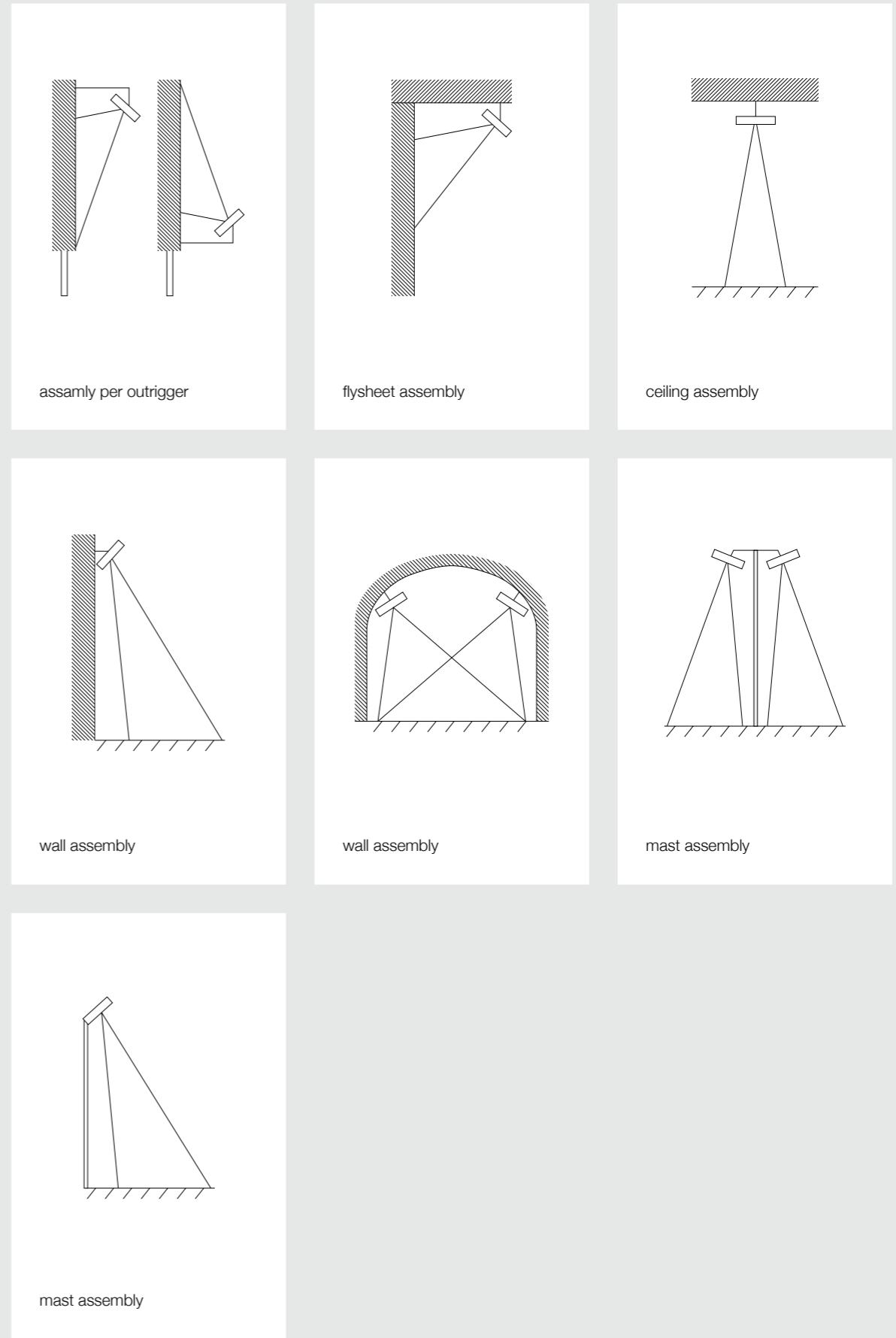
Luminaires list

name	piece	ϕ (luminaire) [lm]	total [lm]	P [W]	total P (W)
FLAT 2.0 100 90x90	50	14.700	735.000	98	4.900



Illumination area




Type of installation




IndustryLUX FLAT 2.0

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
IndustryLUX FLAT 2.0 60	442206060123	4260374018360	4000 K	9.600	60	60° x 60°	260 x 360 x 90 (245)	602,08 €	1
IndustryLUX FLAT 2.0 60	442209060124	4260374018377	4000 K	9.600	60	90° x 90°	260 x 360 x 90 (245)	602,08 €	1
IndustryLUX FLAT 2.0 60	442269060125	4260374018384	4000 K	9.700	60	60° x 90°	260 x 360 x 90 (245)	602,08 €	1
IndustryLUX FLAT 2.0 60	442285060091	4260374016830	4000 K	9.000	60	85° x 135°	260 x 360 x 90 (245)	602,08 €	1
IndustryLUX FLAT 2.0 80	442206080126	4260374018391	4000 K	12.300	80	60° x 60°	310 x 370 x 90 (245)	685,42 €	1
IndustryLUX FLAT 2.0 80	442209080127	4260374018407	4000 K	12.300	80	90° x 90°	310 x 370 x 90 (245)	685,42 €	1
IndustryLUX FLAT 2.0 80	442269080128	4260374018414	4000 K	12.500	80	60° x 90°	310 x 370 x 90 (245)	685,42 €	1
IndustryLUX FLAT 2.0 80	442285080129	4260374018421	4000 K	11.550	80	85° x 135°	310 x 370 x 90 (245)	685,42 €	1
IndustryLUX FLAT 2.0 100	442206100130	4260374018438	4000 K	14.700	100	60° x 60°	310 x 370 x 90 (245)	727,08 €	1
IndustryLUX FLAT 2.0 100	442209100131	4260374018445	4000 K	14.700	100	90° x 90°	310 x 370 x 90 (245)	727,08 €	1
IndustryLUX FLAT 2.0 100	442269100132	4260374018452	4000 K	14.900	100	60° x 90°	310 x 370 x 90 (245)	727,08 €	1
IndustryLUX FLAT 2.0 100	442285100133	4260374018469	4000 K	13.800	100	85° x 135°	310 x 370 x 90 (245)	727,08 €	1
IndustryLUX FLAT 2.0 150	442206150134	4260374018476	4000 K	22.500	150	60° x 60°	360 x 370 x 90 (245)	831,25 €	1
IndustryLUX FLAT 2.0 150	442209150135	4260374018483	4000 K	22.500	150	90° x 90°	360 x 370 x 90 (245)	831,25 €	1
IndustryLUX FLAT 2.0 150	442269150136	4260374018490	4000 K	22.800	150	60° x 90°	360 x 370 x 90 (245)	831,25 €	1
IndustryLUX FLAT 2.0 150	442285150092	4260374016847	4000 K	21.100	150	85° x 135°	360 x 370 x 90 (245)	831,25 €	1
IndustryLUX FLAT 2.0 200	442206200138	4260374018513	4000 K	32.300	200	60° x 60°	410 x 370 x 90 (245)	997,92 €	1
IndustryLUX FLAT 2.0 200	442209200139	4260374018520	4000 K	32.300	200	90° x 90°	410 x 370 x 90 (245)	997,92 €	1
IndustryLUX FLAT 2.0 200	442269200140	4260374018537	4000 K	32.600	200	60° x 90°	410 x 370 x 90 (245)	997,92 €	1
IndustryLUX FLAT 2.0 200	442285200141	4260374018544	4000 K	30.200	200	85° x 135°	410 x 370 x 90 (245)	997,92 €	1
IndustryLUX FLAT 2.0 250	442206250142	4260374018551	4000 K	36.800	250	60° x 60°	460 x 370 x 90 (245)	1.164,58 €	1
IndustryLUX FLAT 2.0 250	442209250143	4260374018568	4000 K	36.800	250	90° x 90°	460 x 370 x 90 (245)	1.164,58 €	1
IndustryLUX FLAT 2.0 250	442269250144	4260374018575	4000 K	37.200	250	60° x 90°	460 x 370 x 90 (245)	1.164,58 €	1
IndustryLUX FLAT 2.0 250	442285250145	4260374018582	4000 K	34.450	250	85° x 135°	460 x 370 x 90 (245)	1.164,58 €	1


All prices refer to 1 piece plus VAT.

 NEW in our assortment

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
IndustryLUX FLAT 2.0 300	442206300146	4260374018599	4000 K	45.000	300	60° x 60°	560 x 370 x 90 (245)	1.456,25 €	1
IndustryLUX FLAT 2.0 300	442209300147	4260374018605	4000 K	45.000	300	90° x 90°	560 x 370 x 90 (245)	1.456,25 €	1
IndustryLUX FLAT 2.0 300	442269300148	4260374018612	4000 K	45.500	300	60° x 90°	560 x 370 x 90 (245)	1.456,25 €	1
IndustryLUX FLAT 2.0 300	442285300149	4260374018629	4000 K	42.200	300	85° x 135°	560 x 370 x 90 (245)	1.456,25 €	1
IndustryLUX FLAT 2.0 400	442206400150	4260374018636	4000 K	64.600	400	60° x 60°	660 x 370 x 90 (245)	1.789,58 €	1
IndustryLUX FLAT 2.0 400	442209400151	4260374018643	4000 K	64.600	400	90° x 90°	660 x 370 x 90 (245)	1.789,58 €	1
IndustryLUX FLAT 2.0 400	442269400152	4260374018650	4000 K	65.500	400	60° x 90°	660 x 370 x 90 (245)	1.789,58 €	1
IndustryLUX FLAT 2.0 400	442285400153	4260374018667	4000 K	60.500	400	85° x 135°	660 x 370 x 90 (245)	1.789,58 €	1
IndustryLUX FLAT 2.0 600	442206600154	4260374018674	4000 K	90.000	600	60° x 60°	585 x 705 x 115 (470)	3.122,92 €	1
IndustryLUX FLAT 2.0 600	442209600155	4260374018681	4000 K	90.000	600	90° x 90°	585 x 705 x 115 (470)	3.122,92 €	1
IndustryLUX FLAT 2.0 600	442269600156	4260374018698	4000 K	91.000	600	60° x 90°	585 x 705 x 115 (470)	3.122,92 €	1
IndustryLUX FLAT 2.0 600	442285600157	4260374018704	4000 K	84.350	600	85° x 135°	585 x 705 x 115 (470)	3.122,92 €	1
IndustryLUX FLAT 2.0 1000	442206990158	4260374018711	4000 K	145.000	1000	60° x 60°	790 x 705 x 115 (470)	5.206,25 €	1
IndustryLUX FLAT 2.0 1000	442209990159	4260374018728	4000 K	145.000	1000	90° x 90°	790 x 705 x 115 (470)	5.206,25 €	1
IndustryLUX FLAT 2.0 1000	442269990160	4260374018735	4000 K	147.000	1000	60° x 90°	790 x 705 x 115 (470)	5.206,25 €	1
IndustryLUX FLAT 2.0 1000	442285990161	4260374018742	4000 K	136.300	1000	85° x 135°	790 x 705 x 115 (470)	5.206,25 €	1

 DALI, other light colors and beam angles on request

All prices refer to 1 piece plus VAT.

 NEW in our assortment

RoadLUX PRO



5 Years Guarantee



Areas of application
Car park-, street- and path lighting

adjustable tilt angle
optimally adaptable to the lighting task

no light pollution

convenient connection
because of tool-free housing opening

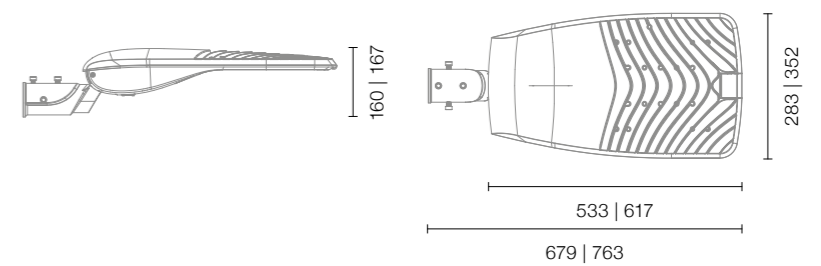
Highlights

On- & extension mounting
mast diameter for supplied adapter **42 - 60 mm**
mast diameter for adapter from accessories **34 - 76 mm**

integrated **Overvoltage protection**
up to **10KV**

Technical data	
Light flux	up to 20.500 lm
Power consumption	30 - 140 W
Luminous efficiency	up to 146 lm/W
Beam angle	45 x 150° 50 x 150° 75 x 150° 60 x 150°
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 70
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	5,8 - 8,2 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +50°C
Through-wiring	no
Connection	clamp: 3-pols, max. 2,5 mm²
UV-resistant	yes
Dimmable	DALI on demand
IP Code	IP 66
Impact resistance	IK08
Applicable in the food sector	no
Cover	clear
Housing colour	grey
Housing material	aluminium & glas
Luminares per circuit breaker B10A	65 (30W) 40 (49 W) 23 (89 W) 17 (114 W) 14 (140 W)
Luminares per circuit breaker C10A	65 40 23 17 14
Luminares per circuit breaker B16A	104 64 36 28 22
Luminares per circuit breaker C16A	104 64 36 28 22
Protection class	I

Dimensions in mm

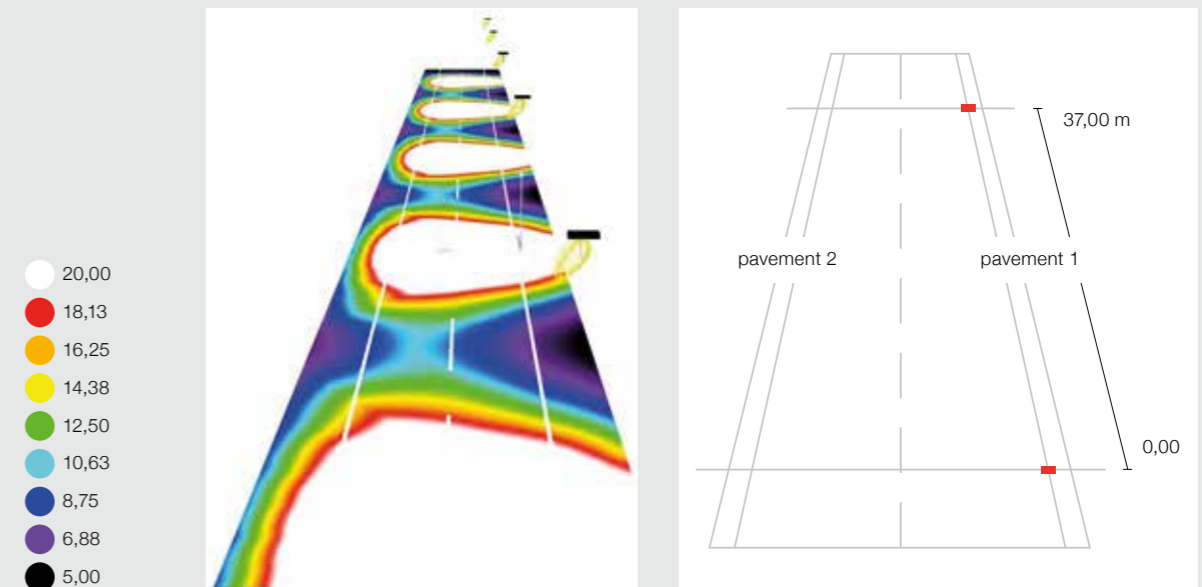
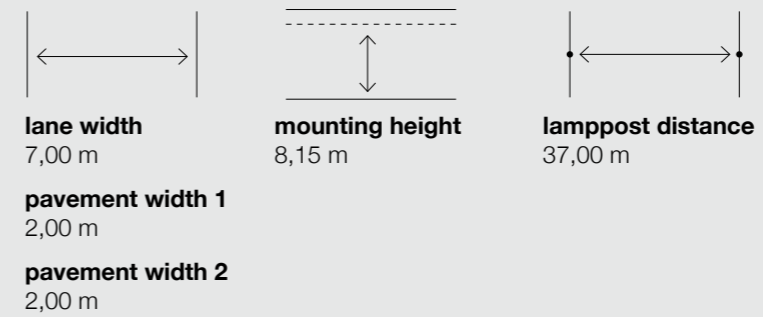


Polar distribution curves



Illumination types see page 135

Lighting calculation example



Outdoor

Further advantages

- **Convenient connection** due to tool-free housing opening
- **Adjustable tilt angle** for high individuality
- Various adapters **for versatile mounting and use**

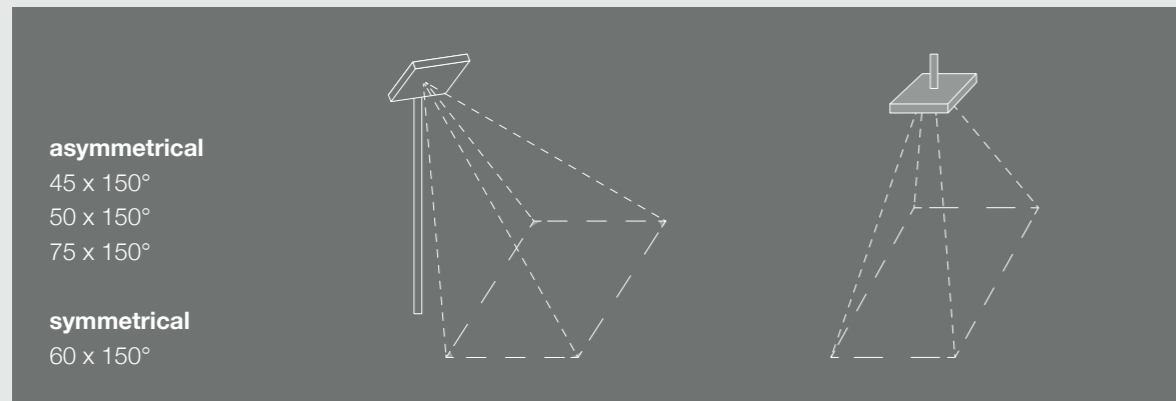


Pavement 1			Pavement 2		
	E_m [lx]	U0		E_m [lx]	U0
working plane	15,01	0,56	working plane	12,59	0,56

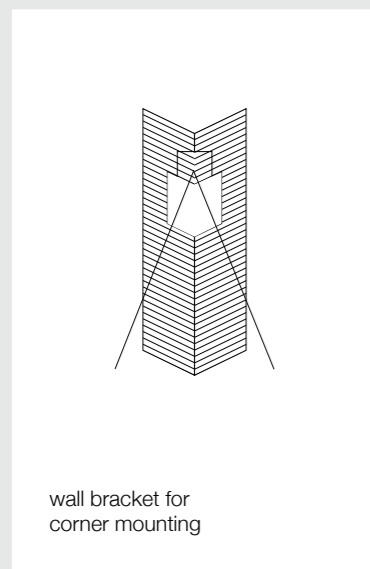
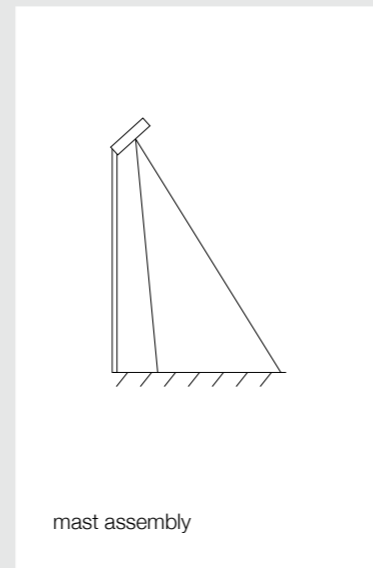
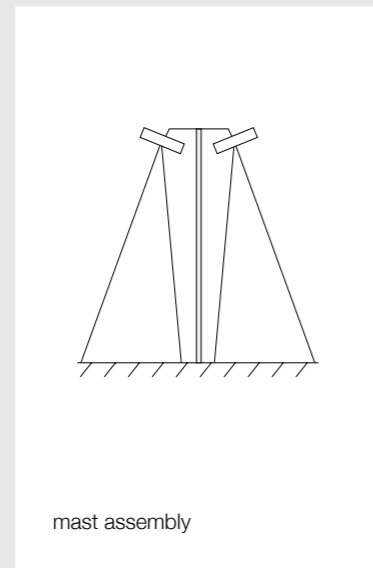
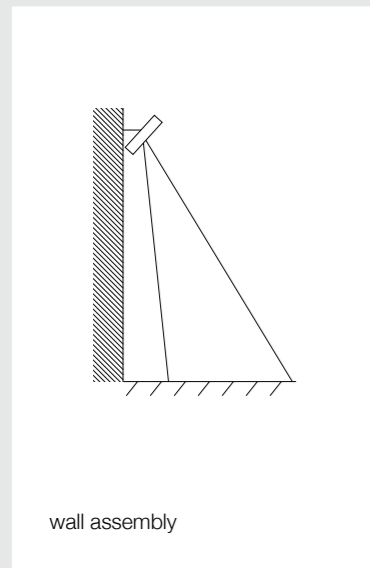
Luminaires list

name	piece	ϕ (luminaire) [lm]	total [lm]	P [W]	total P (W)
RoadLUX PRO 114 45 x150	-	15.500	-	114	-

Area of illumination



Assembly variations



recommended mounting height


- 30 W: 3 - 5 m
- 49 W: 3 - 7 m
- 89 W: ab 5 m
- 114 W: ab 7 m
- 140 W: ab 7 m






Application

Polar distribution curve	Illumination	Description
<p>RoadLUX PRO 45 x 150°</p>		<p>45 x 150°, Type II</p> <p>Examples of use Road with double-sided pavements, foot- and cycle paths, loading zones, access roads, entrances and exits, building lighting</p>
<p>RoadLUX PRO 50 x 150°</p>		<p>50 x 150°, Type II</p> <p>Examples of use Road with double-sided pavements, footpaths and cycle paths, loading zones, access roads, entrances/exits</p>
<p>RoadLUX PRO 60 x 150°</p>		<p>60 x 150°, Type II</p> <p>Examples of use Narrow streets, footpaths and cycle paths, loading zones, driveways, entrances and exits</p>
<p>RoadLUX PRO 75 x 150°</p>		<p>75 x 150°, Type II/III</p> <p>Examples of use Multi-lane roads, parking spaces, access roads and large places/areas, building lighting</p>

RoadLUX PRO

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
RoadLUX PRO 30	494540030112	4260374016533	4000 K	4.000	30	45 x 150°	533 (679) x 283 x 160	497,92 €	1
RoadLUX PRO 30	495040030113	4260374016540	4000 K	4.300	30	50 x 150°	533 (679) x 283 x 160	497,92 €	1
RoadLUX PRO 30	497540030114	4260374016557	4000 K	4.200	30	75 x 150°	533 (679) x 283 x 160	497,92 €	1
RoadLUX PRO 30	496040030115	4260374016564	4000 K	4.000	30	60 x 150°	533 (679) x 283 x 160	497,92 €	1
RoadLUX PRO 49	490140500007	4260374013372	4000 K	6.450	49	45 x 150°	533 (679) x 283 x 160	508,33 €	1
RoadLUX PRO 49	495040490116	4260374016571	4000 K	6.900	49	50 x 150°	533 (679) x 283 x 160	508,33 €	1
RoadLUX PRO 49	497540490117	4260374016588	4000 K	6.400	49	75 x 150°	533 (679) x 283 x 160	508,33 €	1
RoadLUX PRO 49	496040490118	4260374016595	4000 K	6.350	49	60 x 150°	533 (679) x 283 x 160	508,33 €	1
RoadLUX PRO 89	494540090119	4260374016601	4000 K	11.750	89	45 x 150°	533 (679) x 283 x 160	550,00 €	1
RoadLUX PRO 89	495040090120	4260374016618	4000 K	11.600	89	50 x 150°	533 (679) x 283 x 160	550,00 €	1
RoadLUX PRO 89	497540090121	4260374016625	4000 K	11.700	89	75 x 150°	533 (679) x 283 x 160	550,00 €	1
RoadLUX PRO 89	496040090122	4260374016632	4000 K	11.700	89	60 x 150°	533 (679) x 283 x 160	550,00 €	1
RoadLUX PRO 114	490140120008	4260374013389	4000 K	15.500	114	45 x 150°	617 (763) x 352 x 167	675,00 €	1
RoadLUX PRO 114	495040110123	4260374016649	4000 K	15.600	114	50 x 150°	617 (763) x 352 x 167	675,00 €	1
RoadLUX PRO 114	497540110124	4260374016656	4000 K	15.600	114	75 x 150°	617 (763) x 352 x 167	675,00 €	1
RoadLUX PRO 114	496040110125	4260374016663	4000 K	16.000	114	60 x 150°	617 (763) x 352 x 167	675,00 €	1
RoadLUX PRO 140	490140150009	4260374013396	4000 K	18.700	140	45 x 150°	617 (763) x 352 x 167	706,25 €	1
RoadLUX PRO 140	495040140126	4260374016670	4000 K	20.500	140	50 x 150°	617 (763) x 352 x 167	706,25 €	1
RoadLUX PRO 140	497540140127	4260374016687	4000 K	19.600	140	75 x 150°	617 (763) x 352 x 167	706,25 €	1
RoadLUX PRO 140	496040140128	4260374016694	4000 K	20.100	140	60 x 150°	617 (763) x 352 x 167	706,25 €	1

 Scope of delivery: pole reduction for 42 mm; screws; DALI and other light colours on request

Accessories	Art.-Nr.	EAN	Gross Price	PU
 Mast adapter 34 mm	474919340023	4260374014119	52,08 €	1
 Mast adapter 76 mm	474919760021	4260374013822	52,08 €	1
 Wall bracket Ø60 mm L: 200 mm	474901600057	4260374016724	103,13 €	1
 Wall bracket with corner fastening Ø60 mm L: 200 mm	474911600058	4260374016731	113,54 €	1
 Double mast attachment Ø60 mm	474902600059	4260374016748	113,54 €	1

Outdoor

FloodLUX PRO

NEW



5 Years
Guarantee

Areas of application

Building lighting
Loading zones
Logistics and
Industrial facilities
sports fields
riding arenas

pressure relief valve

simple maintenance and tool-free connection

versatile use through different beam angles

available in different-performance variants & optics

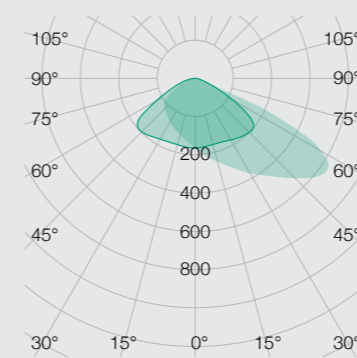
Highlights

can be used for indoor and unprotected outdoor areas

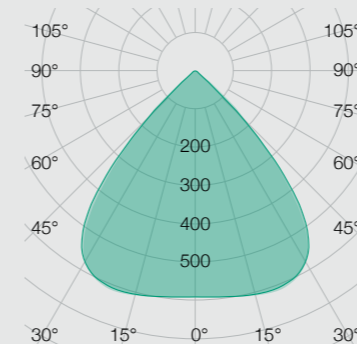
reliable **IP 66** in modern aluminium design housing



Polar distribution curves



FloodLUX PRO 50 x 125°

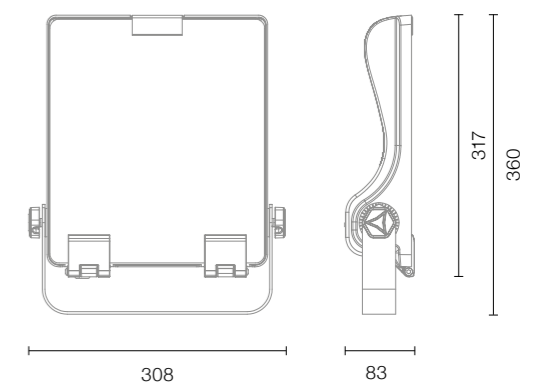


FloodLUX PRO 90 x 90°


Technical data

Light flux	5.700 8.500 11.000 lm
Power consumption	40 60 80 W
Luminous efficiency	143 142 138 lm/W
Beam angle	90 x 90° 50 x 125°
Light colour	4000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 60.000 h [L80, B10]
Weight	4,3 kg
Input voltage AC	100 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-30°C to +50°C
Through-wiring	no
Connection	connection cable: 3 x 1,0 mm ² , 1,3 m
UV-resistant	yes
Dimmable	no
IP Code	IP 66
Impact resistance	IK 08
Applicable in the food sector	no
Cover	clear
Housing colour	black
Housing material	aluminium and glas
Luminaire per circuit breaker B10A	13 (40W) 8 (60 W) 4 (80 W)
Luminaire per circuit breaker C10A	22 14 6
Luminaire per circuit breaker B16A	21 13 6
Luminaire per circuit breaker C16A	35 22 10
Protection class	I

Dimensions in mm



FloodLUX PRO

Product	Art.-Nr.	EAN		lm	Watt	Δ°	L x B x H mm	Gross Price	PU
FloodLUX PRO 40	455004000018	4260374017196	5000 K	5.700	40	90 x 90°	308 x 360 x 83	310,42 €	1
FloodLUX PRO 40	454004000024	4260374018308	4000 K	5.700	40	90 x 90°	308 x 360 x 83	310,42 €	1
FloodLUX PRO 40	455004000019	4260374017202	5000 K	5.700	40	50 x 125°	308 x 360 x 83	310,42 €	1
FloodLUX PRO 40	454004000025	4260374018315	4000 K	5.700	40	50 x 125°	308 x 360 x 83	310,42 €	1
FloodLUX PRO 60	455006000020	4260374017219	5000 K	8.500	60	90 x 90°	308 x 360 x 83	331,25 €	1
FloodLUX PRO 60	454006000026	4260374018322	4000 K	8.500	60	90 x 90°	308 x 360 x 83	331,25 €	1
FloodLUX PRO 60	455006000021	4260374017226	5000 K	8.500	60	50 x 125°	308 x 360 x 83	331,25 €	1
FloodLUX PRO 60	454006000027	4260374018339	4000 K	8.500	60	50 x 125°	308 x 360 x 83	331,25 €	1
FloodLUX PRO 80	455008000022	4260374017233	5000 K	11.000	80	90 x 90°	308 x 360 x 83	352,08 €	1
FloodLUX PRO 80	454008000028	4260374018346	4000 K	11.000	80	90 x 90°	308 x 360 x 83	352,08 €	1
FloodLUX PRO 80	455008000023	4260374017240	5000 K	11.000	80	50 x 125°	308 x 360 x 83	352,08 €	1
FloodLUX PRO 80	454008000029	4260374018353	4000 K	11.000	80	50 x 125°	308 x 360 x 83	352,08 €	1



DALI and other light colours on request



Office luminaires

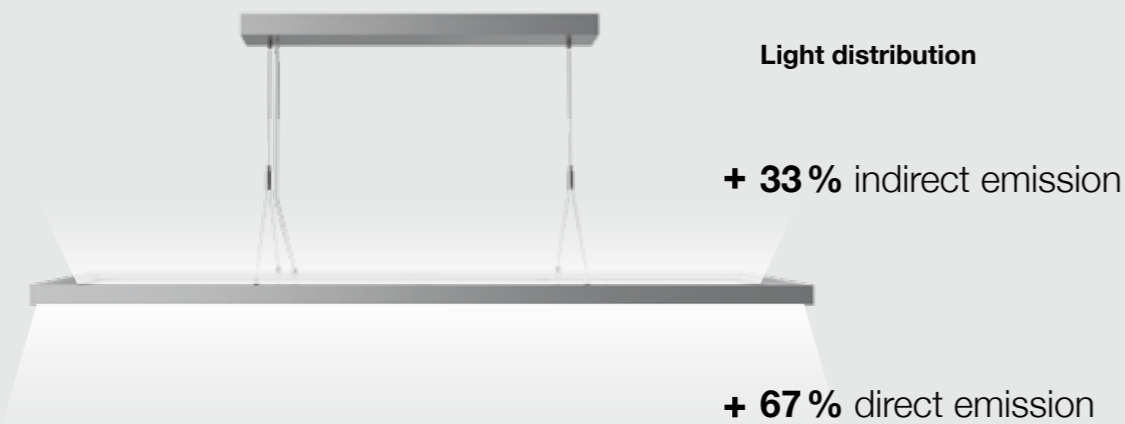
Optimal illumination of office spaces makes a valuable contribution to the concentration and well-being of employees. Thanks to low-glare light, which is very similar to the natural light spectrum, our OfficeLUX luminaires provide pleasant and productive lighting.

OfficeLUX SOLEE	144
OfficeLUX SORA	146
OfficeLUX KAPTEYN MOTION	148
OfficeLUX ORB	150
OfficeLUX RAYET 2.0	154

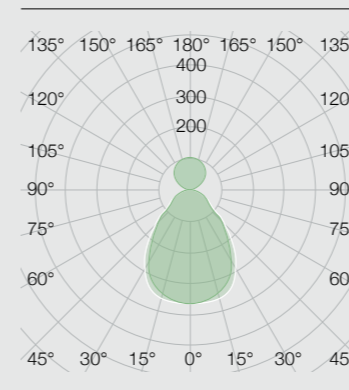
OfficeLUX SOLEE



5 Years
Guarantee



Polar distribution curve

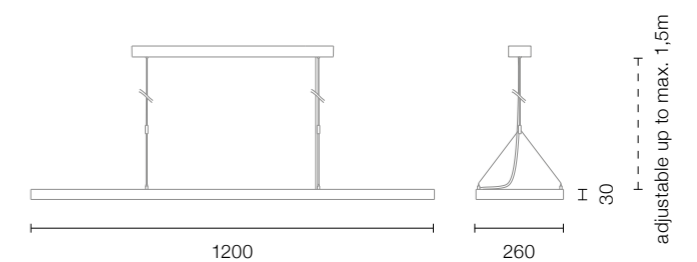


OfficeLUX SOLEE

Technical data

Light flux	1.900 lm ↑ 3.900 lm ↓
Power consumption	58 W
Luminous efficiency	100 lm/W
Beam angle	110° ↑ 90° ↓
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 3 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	5,5 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +45°C
Through-wiring	5 x 0,75 mm ²
Connection	clamp: 5-pols, max. 2,5 mm ²
UV-resistant	no
Dimmable	DALI
IP Code	IP 20
Impact resistance	IK 04
Applicable in the food sector	no
Cover	prismatic
Housing colour	silvergrey
Housing material	aluminium and PC
Luminaires per circuit breaker B10A	34
Luminaires per circuit breaker C10A	34
Luminaires per circuit breaker B16A	54
Luminaires per circuit breaker C16A	54
Protection class	I

Dimensions in mm

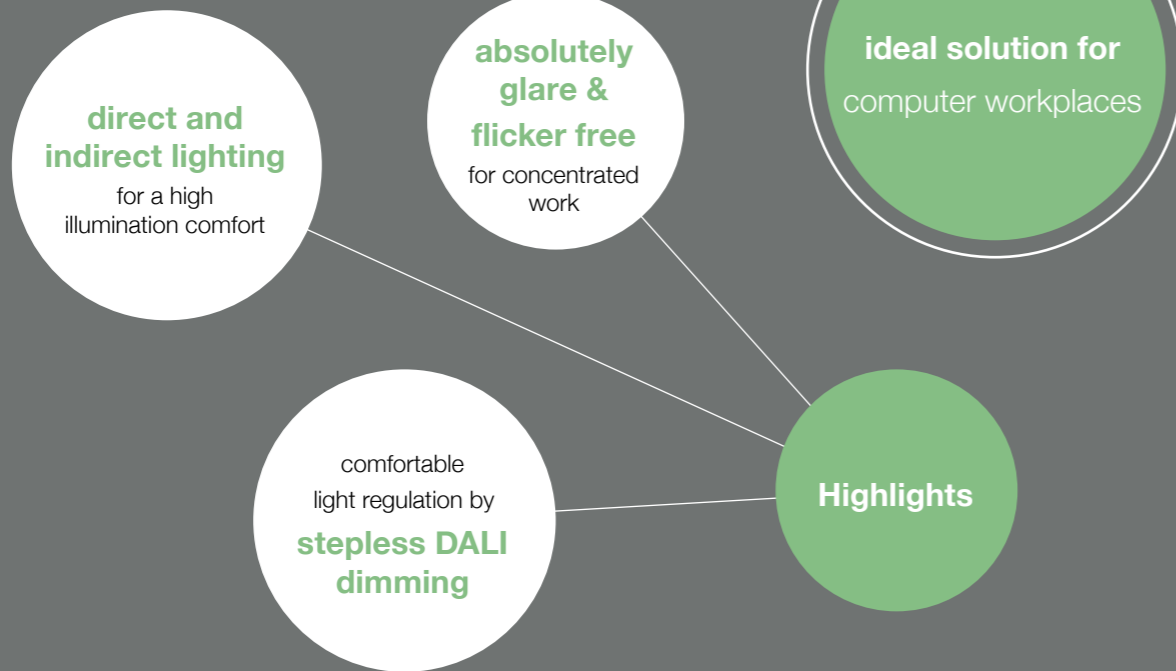
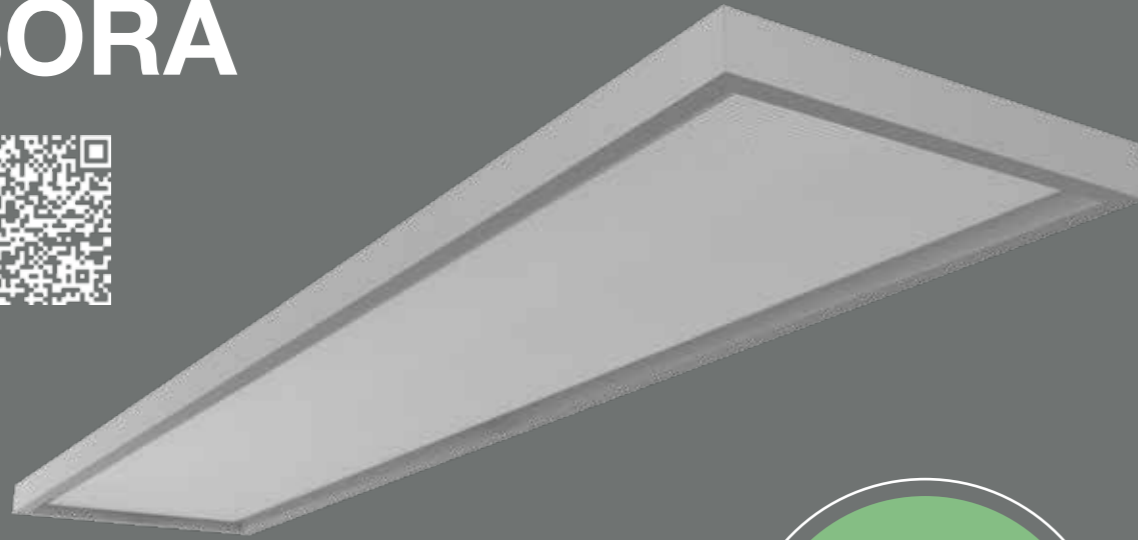


Detailed information can be found in the order overview on page 152.

OfficeLUX SORA



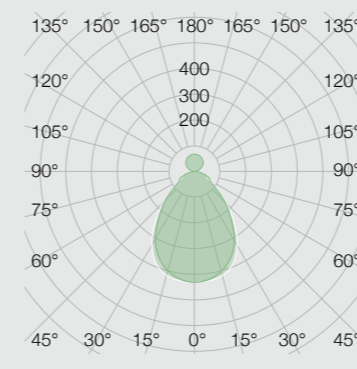
5 Years
Guarantee



Technical data

Light flux	700 lm ↑ 4.000 lm ↓
Power consumption	58 W
Luminous efficiency	81 lm/W
Beam angle	110° ↑ 90° ↓
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 3 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	5,7 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +45°C
Through-wiring	5 x 0,75 mm ²
Connection	clamp: 5-polie, max. 2,5 mm ²
UV-resistant	no
Dimmable	DALI
IP Code	IP 20
Impact resistance	IK 04
Applicable in the food sector	no
Cover	prismatic
Housing colour	silvergrey
Housing material	aluminium and PC
Luminaires per circuit breaker B10A	34
Luminaires per circuit breaker C10A	34
Luminaires per circuit breaker B16A	54
Luminaires per circuit breaker C16A	54
Protection class	I

Polar distribution curve



OfficeLUX SORA

Light distribution



Dimensions in mm



Detailed information can be found in the order overview on page 152.

5 Years
Guarantee

OfficeLUX

KAPTEYN | MOTION



ideal solution for
office workplaces
authorities
offices

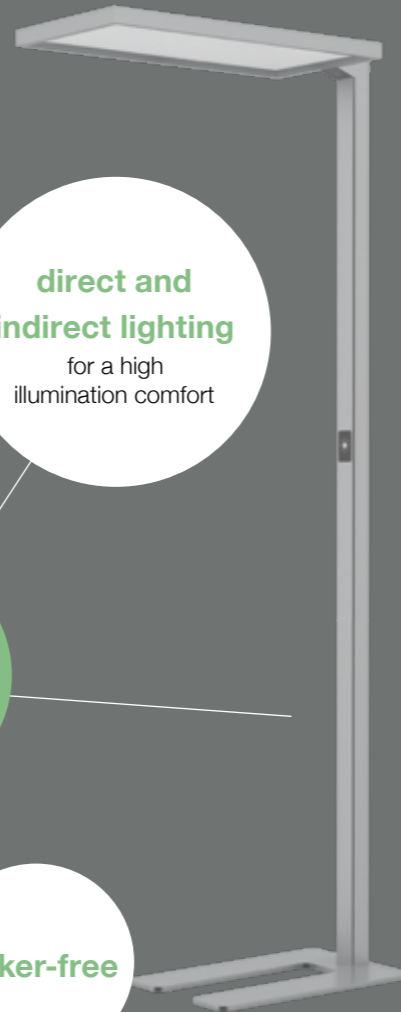
direct and indirect lighting
for a high
illumination comfort

Highlights

integrated motion and daylight sensor
with KAPTEYN MOTION

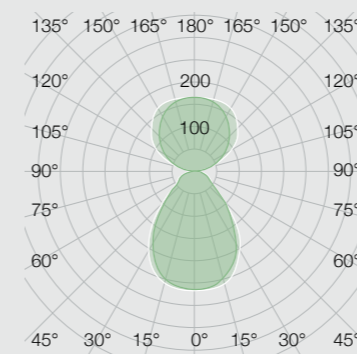
glare-free, UGR < 17
for fatigue-free work

flicker-free



comfortable light regulation
by dimming on the integrated touch panel

Polar distribution curve

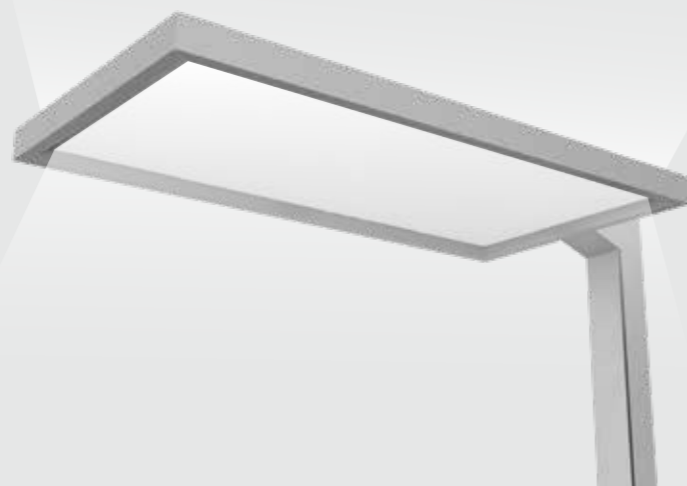


OfficeLUX KAPTEYN

Light distribution

+ 50% indirect emission

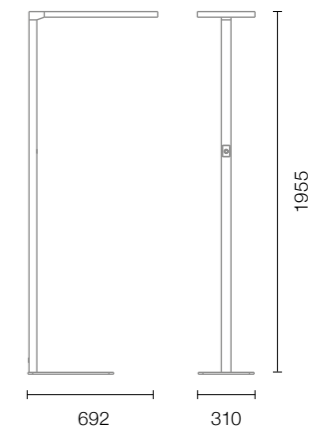
+ 50% direct emission



Technical data

Light flux	3.600 lm ↑ 3.600 lm ↓
Power consumption	75 W
Luminous efficiency	96 lm/W
Beam angle	110° ↑ 90° ↓
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 3 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	14,1 14,3 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C bis +45°C
Through-wiring	no
Connection	connecting cable: 3 x 1,5 mm ² , 1,4 m
UV-resistant	no
Dimmable	via touchpad
IP Code	IP 20
Impact resistance	IK 04
Applicable in the food sector	no
Cover	prismatic
Housing colour	silvergrey
Housing material	aluminium & PC
Luminaires per circuit breaker B10A	6
Luminaires per circuit breaker C10A	10
Luminaires per circuit breaker B16A	10
Luminaires per circuit breaker C16A	17
Protection class	I

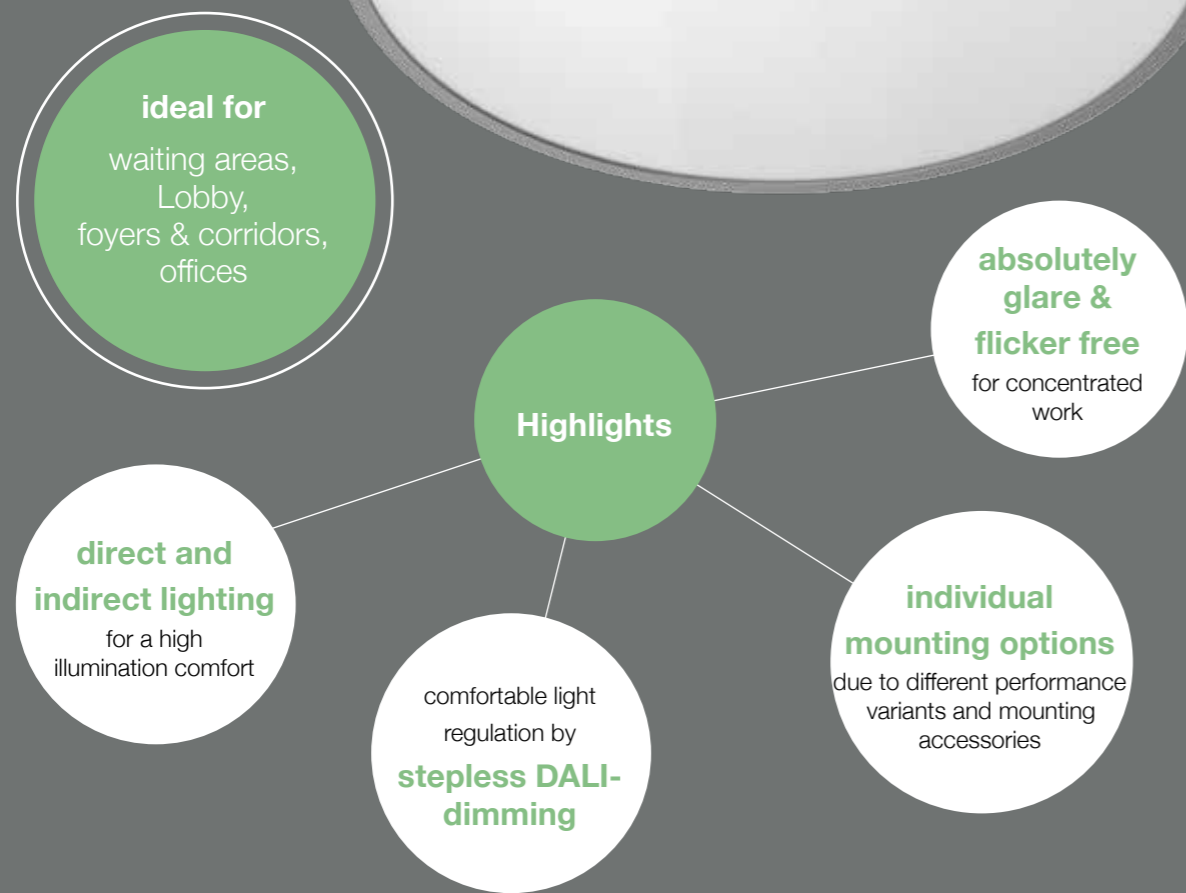
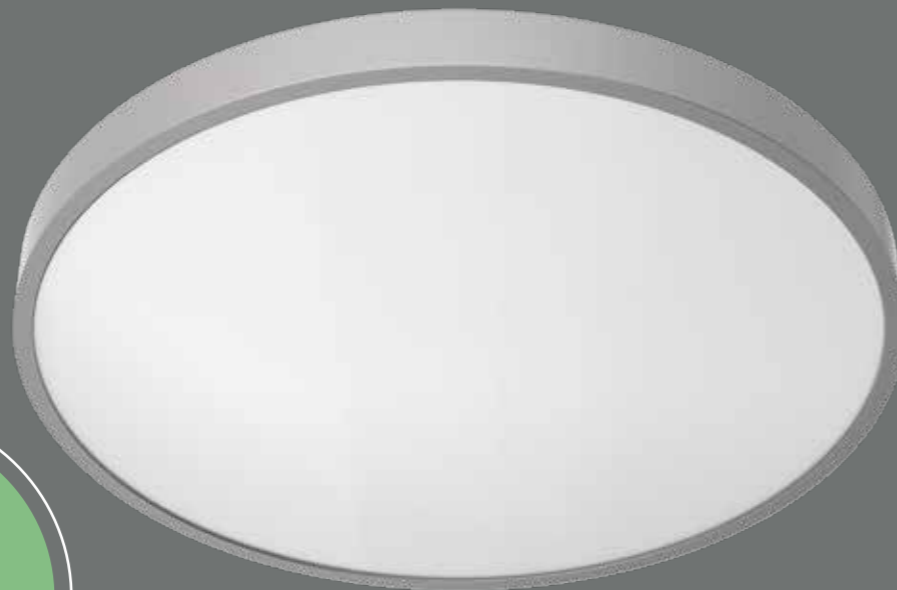
Dimensions in mm



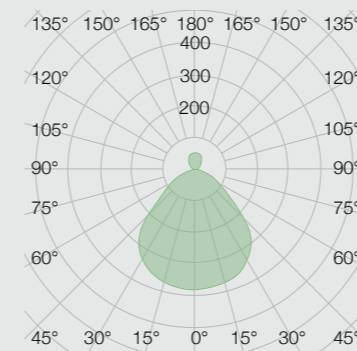
Detailed information can be found in the order overview on page 152.

5 Years
Guarantee

OfficeLUX
ORB



Polar distribution curve



OfficeLUX ORB

Technical data

Light flux	up to 1.650 lm ↑ up to 3.850 lm ↓
Power consumption	18 29 47 W
Luminous efficiency	117 lm/W
Beam angle	110° ↑ 90° ↓
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 3 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	2,8 3,7 6,0 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C bis +45°C
Through-wiring	5 x 0,75 mm ²
Connection	clamp: 5-pole, max. 2,5 mm ²
UV-resistant	no
Dimmable	DALI
IP Code	IP 20
Impact resistance	IK 04
Applicable in the food sector	no
Cover	prismatic
Housing colour	silvergrey
Housing material	aluminium
Luminaires per circuit breaker B10A	26 (18W) 29 (29W) 43 (47 W)
Luminaires per circuit breaker C10A	44 48 43
Luminaires per circuit breaker B16A	42 46 69
Luminaires per circuit breaker C16A	71 78 69
Protection class	I

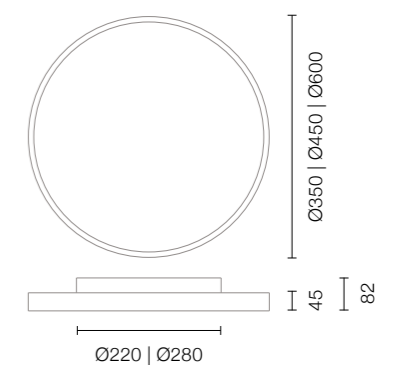
Light distribution

+ 30% indirect emission



+ 70% direct emission






Dimensions in mm



OfficeLUX SORA | SOLEE | KAPTEYN | ORB

Product	Art.-Nr.	EAN	 Im	Watt	 °	L x B x H Ø x H mm	Gross Price	PU
OfficeLUX SORA, DALI	120340580087	4260374015031	4000 K 700 ↑ 4.000 ↓	58	110° ↑ 90° ↓	1200 x 260 x 30 (62)	487,50 €	4
OfficeLUX SOLEE, DALI	120340580088	4260374015048	4000 K 1.900 ↑ 3.900 ↓	58	110° ↑ 90° ↓	1200 x 260 x 30	487,50 €	4
OfficeLUX KAPTEYN	120140750089	4260374015055	4000 K 3.600 ↑ 3.600 ↓	75	110° ↑ 90° ↓	692 x 310 x 1955	622,92 €	1
OfficeLUX KAPTEYN MOTION	120140750111	4260374015802	4000 K 3.600 ↑ 3.600 ↓	75	110° ↑ 90° ↓	692 x 310 x 1955	747,92 €	1
OfficeLUX ORB 350, DALI	123540180108	4260374015673	4000 K 600 ↑ 1.500 ↓	18	110° ↑ 90° ↓	Ø350 x 45 (82)	331,25 €	1
OfficeLUX ORB 450, DALI	124540030109	4260374015680	4000 K 1.000 ↑ 2.400 ↓	29	110° ↑ 90° ↓	Ø450 x 45 (82)	414,58 €	1
OfficeLUX ORB 600, DALI	126040480110	4260374015697	4000 K 1.650 ↑ 3.850 ↓	47	110° ↑ 90° ↓	Ø600 x 45 (82)	622,92 €	1

 Scope of delivery: All OfficeLUX products are incl. mounting material
OfficeLUX SOLEE incl. cable suspension

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 Wire suspension set for OfficeLUX ORB	471220040055	4260374016700	1500	40,63 €	1
 Mounting bar for OfficeLUX ORB	471210040056	4260374016717	460	40,63 €	1

OfficeLUX

RAYET 2.0

NEW



5 Years
Guarantee

ideal for
shop areas, showrooms,
hall lighting with increased
demands & offices

- CE
- IP 40
- IK 04
- ⊥
- ⊗
- 🌳



Technical data

Light flux	6.200 9.000 11.400 lm
Power consumption	39 57 74 W
Luminous efficiency	159 158 154 lm/W
Beam angle	see page 156
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	3,3 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +45°C
Through-wiring	5 x 2,5 mm ²
Connection	clamp: 5-pols, max. 2,5 mm ²
UV-resistant	limited
Dimmable	no
IP Code	IP 40
Impact resistance	IK 04
Applicable in the food sector	no
Cover	diffuse
Housing colour	silvergrey
Housing material	aluminium & PMMA
Luminaires per circuit breaker B10A	52 (39W) 35 (57W) 28 (74 W)
Luminaires per circuit breaker C10A	52 35 28
Luminaires per circuit breaker B16A	83 55 44
Luminaires per circuit breaker C16A	83 55 44
Protection class	I

Light all along the line
up to 52 luminaires
(line protection B10A) mountable

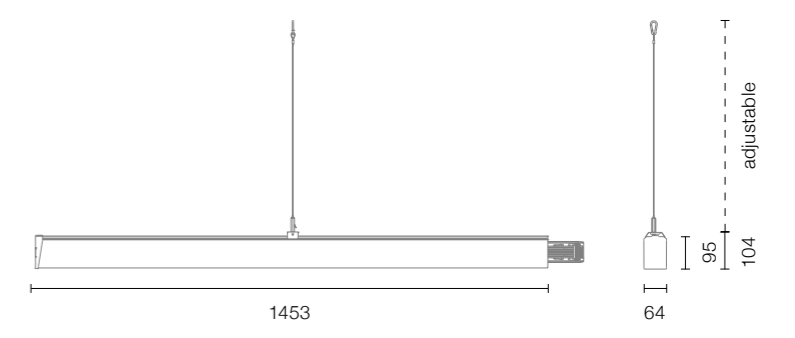
100% direct radiation

different light distributions
+ 25% indirect radiation

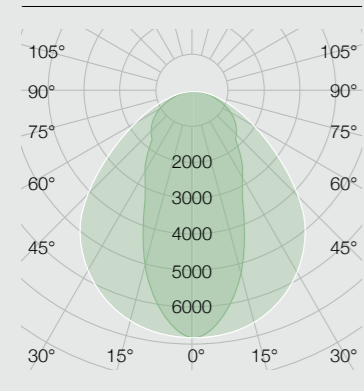
+ 75% direct radiation



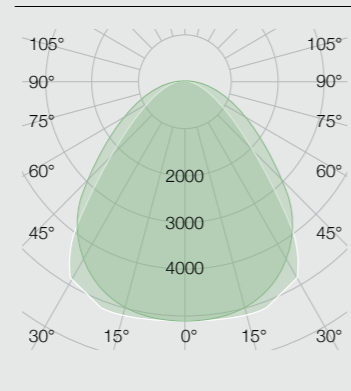
Dimensions in mm



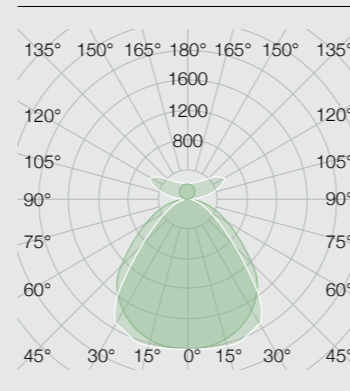
Polar distribution curves



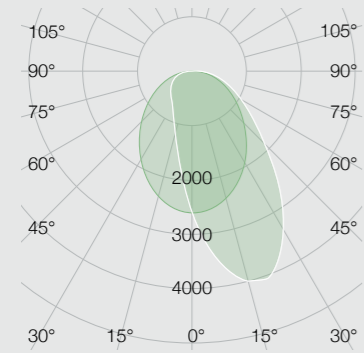
OfficeLUX RAYET 2.0 30 x 90°



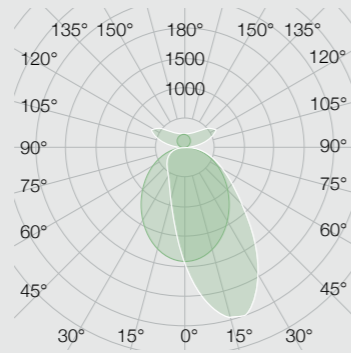
OfficeLUX RAYET 2.0 90 x 100°



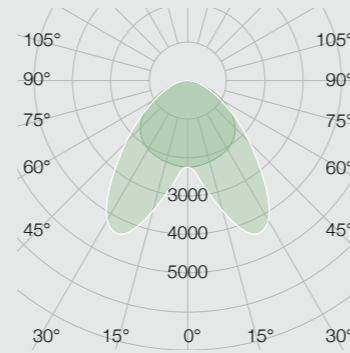
OfficeLUX RAYET 2.0
90 x 100° | 165 x 130°



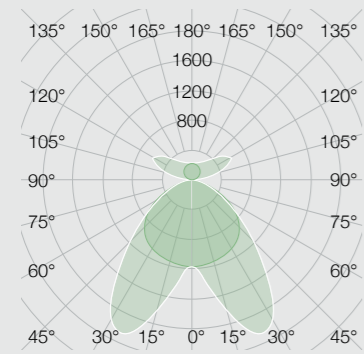
OfficeLUX RAYET 2.0 asymmetrical



OfficeLUX RAYET 2.0
asymmetrical | 165 x 130°



OfficeLUX RAYET 2.0
double asymmetrical

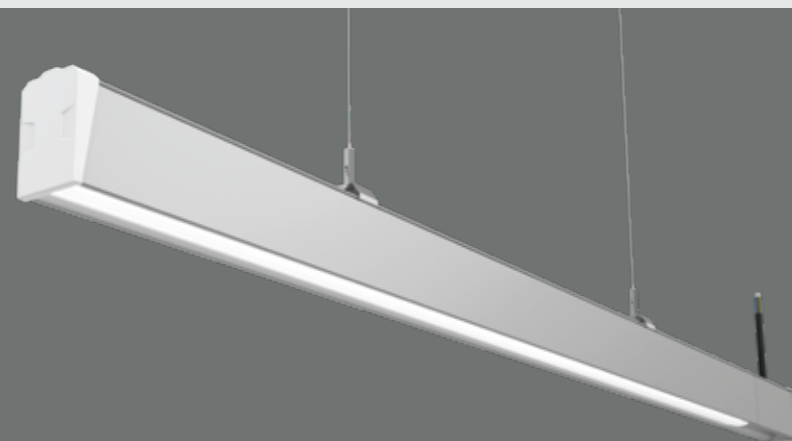


OfficeLUX RAYET 2.0
double asymmetrical | 165 x 130°

More than just a trunking system solution

Our OfficeLUX RAYET 2.0 can be used not only as a continuous trunking system, but also as a classic office individual luminaire.

Due to the different radiation options, the light adapts individually to the lighting situation.



Assembly | Accessories

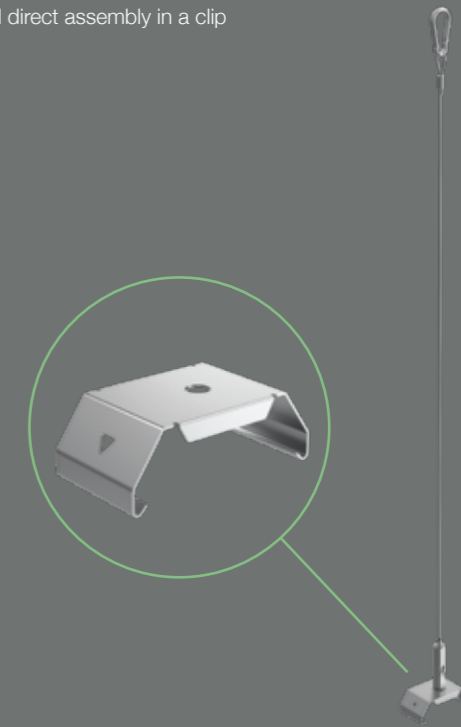
Connection set

Content per set
1x connection module
2x end caps
1x mounting clip



Wire suspension

and direct assembly in a clip

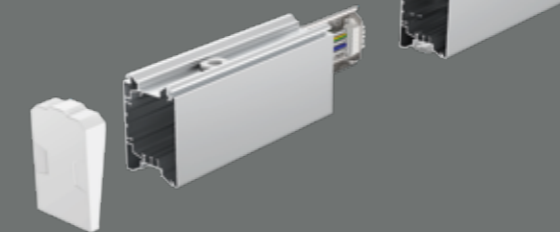


tool-free connection



easy maintenance

due to easy access to the wiring





L, T and X-Interconnects
available as an accessory

! Different variants for different lighting tasks

- 90 x 100° for flat light
- 30 x 90° ideal for hallways
- Asymmetrical for shop areas, one-sided shelf lighting or as a wallwasher
- Variants with indirect light for additional brightening

OfficeLUX RAYET 2.0

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU
OfficeLUX RAYET 2.0 40	124030400140	4260374018889	4000 K	6.200 ↓	39	30 x 90° ↓	1447 x 64 x 95	268,75 €	4
OfficeLUX RAYET 2.0 40	124090400137	4260374018858	4000 K	6.200 ↓	39	90 x 100° ↓	1447 x 64 x 95	268,75 €	4
OfficeLUX RAYET 2.0 40	124013400143	4260374017936	4000 K	6.200 ↓	39	asymmetrical ↓	1447 x 64 x 95	268,75 €	4
OfficeLUX RAYET 2.0 40	124026400146	4260374018933	4000 K	6.200 ↓	39	double asymmetrical ↓	1447 x 64 x 95	268,75 €	4
OfficeLUX RAYET 2.0 40	124011400149	4260374018964	4000 K	1.550 ↑ 4.650 ↓	39	165 x 130° ↑ 90 x 100° ↓	1447 x 64 x 95	302,08 €	4
OfficeLUX RAYET 2.0 40	124022400152	4260374018995	4000 K	1.550 ↑ 4.650 ↓	39	165 x 130° ↑ asymmetrical ↓	1447 x 64 x 95	302,08 €	4
OfficeLUX RAYET 2.0 40	124033400155	4260374019022	4000 K	1.550 ↑ 4.650 ↓	39	165 x 130° ↑ double asymmetrical ↓	1447 x 64 x 95	302,08 €	4
OfficeLUX RAYET 2.0 60	126030400141	4260374018896	4000 K	9.000 ↓	57	30 x 90° ↓	1447 x 64 x 95	289,58 €	4
OfficeLUX RAYET 2.0 60	126090400138	4260374018865	4000 K	9.000 ↓	57	90 x 100° ↓	1447 x 64 x 95	289,58 €	4
OfficeLUX RAYET 2.0 60	126013400144	4260374018919	4000 K	9.000 ↓	57	asymmetrisch ↓	1447 x 64 x 95	289,58 €	4
OfficeLUX RAYET 2.0 60	126026400147	4260374018940	4000 K	9.000 ↓	57	doppelt asymmetrical ↓	1447 x 64 x 95	289,58 €	4
OfficeLUX RAYET 2.0 60	126011400150	4260374018971	4000 K	2.250 ↑ 6.750 ↓	57	165 x 130° ↑ 90 x 100° ↓	1447 x 64 x 95	322,92 €	4
OfficeLUX RAYET 2.0 60	126022400153	4260374019008	4000 K	2.250 ↑ 6.750 ↓	57	165 x 130° ↑ asymmetrical ↓	1447 x 64 x 95	322,92 €	4
OfficeLUX RAYET 2.0 60	126033400156	4260374019039	4000 K	2.250 ↑ 6.750 ↓	57	165 x 130° ↑ double asymmetrical ↓	1447 x 64 x 95	322,92 €	4
OfficeLUX RAYET 2.0 75	127530400142	4260374018902	4000 K	11.400 ↓	74	30 x 90° ↓	1447 x 64 x 95	310,42 €	4
OfficeLUX RAYET 2.0 75	127590400139	4260374018872	4000 K	11.400 ↓	74	90 x 100° ↓	1447 x 64 x 95	310,42 €	4
OfficeLUX RAYET 2.0 75	127513400145	4260374018926	4000 K	11.400 ↓	74	asymmetrical ↓	1447 x 64 x 95	310,42 €	4
OfficeLUX RAYET 2.0 75	127526400148	4260374018957	4000 K	11.400 ↓	74	double asymmetrical ↓	1447 x 64 x 95	310,42 €	4
OfficeLUX RAYET 2.0 75	127511400151	4260374018988	4000 K	2.850 ↑ 8.550 ↓	74	165 x 130° ↑ 90 x 100° ↓	1447 x 64 x 95	343,75 €	4
OfficeLUX RAYET 2.0 75	127522400154	4260374019015	4000 K	2.850 ↑ 8.550 ↓	74	165 x 130° ↑ asymmetrical ↓	1447 x 64 x 95	343,75 €	4
OfficeLUX RAYET 2.0 75	127533400157	4260374019046	4000 K	2.850 ↑ 8.550 ↓	74	165 x 130° ↑ double asymmetrical ↓	1447 x 64 x 95	343,75 €	4

 scope of delivery: module incl. 1x Clip for ceiling assembly

Accessories	Art.-Nr.	EAN	L x B x H mm	Gross Price	PU
 OfficeLUX RAYET 2.0 empty module	122500110069	4260374019053	1447 x 64 x 95	177,08 €	4
 OfficeLUX RAYET 2.0 connection set connection module, 2x end caps, 1x mounting clip	126800110071	4260374019077		46,88 €	4
 OfficeLUX RAYET 2.0 connection module	127200110072	4260374019084	380 x 88 x 60	46,88 €	4
 OfficeLUX RAYET 2.0 L-Interconnects	127225110073	4260374019091		135,42 €	4
 OfficeLUX RAYET 2.0 T-Interconnects	127225110074	4260374019107		156,25 €	6
 OfficeLUX RAYET 2.0 X-Interconnects	127225110075	4260374019114		177,08 €	6
 OfficeLUX RAYET 2.0 wire suspension 1 x 2 m	127225110077	4260374019121	2000	9,38 €	5



Recessed & Surface luminaires

Our recessed and surface-mounted luminaires hardly stand out from the ceiling due to their low mounting height and are therefore used in an extremely flexible and spacesaving manner. Because of the simple installation, the homogeneous illumination and the modern design, the luminaires are equally suitable for large-area lighting.

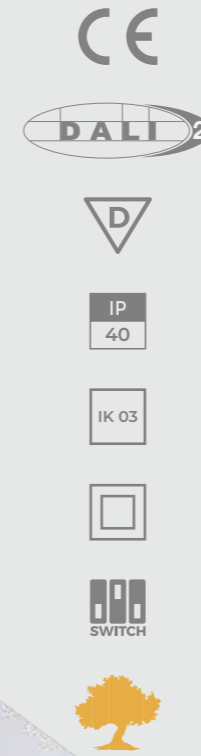
InteriorLUX NEA 2.0	162
InteriorLUX	164
PanelLUX SQUARE LONG	168
NoviLUX FLEX ROUND SQUARE	172

InteriorLUX NEA 2.0

NEU



5 Years
Guarantee



Areas of application

Offices
Educational facilities
Corridors and hallways

Highlights

Use of
existing bore-
holes possible

with switch
**selectable light
intensity**
66 | 75 | 85 | 100 %

Glare free until
UGR < 19

**3000 K
4000 K
6000 K**
with switch selectable
light color

**overlap
old color fringes**

Order overview

InteriorLUX NEA 2.0

Product	Art.-Nr.	EAN		lm	Watt		L x B x H mm	Gross Price	PU	
InteriorLUX NEA 2.0	161595400162	4260374019220		3000 K 4000 K 6500 K	6.000	48	90°	1574 x 374 x 47 (59)	364,58 €	1

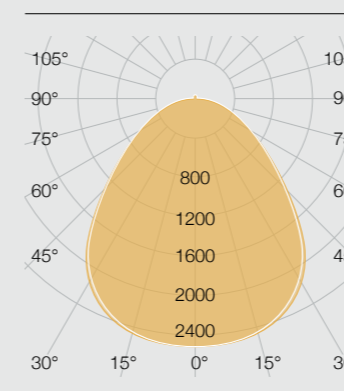


Scope of delivery: incl. mounting material

All prices refer to 1 piece plus VAT

NEW in our assortment

Polar distribution curve

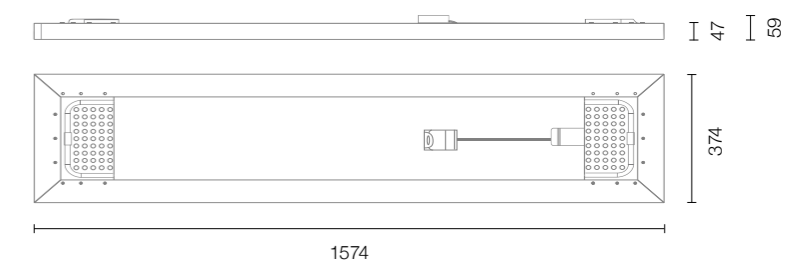


InteriorLUX NEA 2.0

Technical data

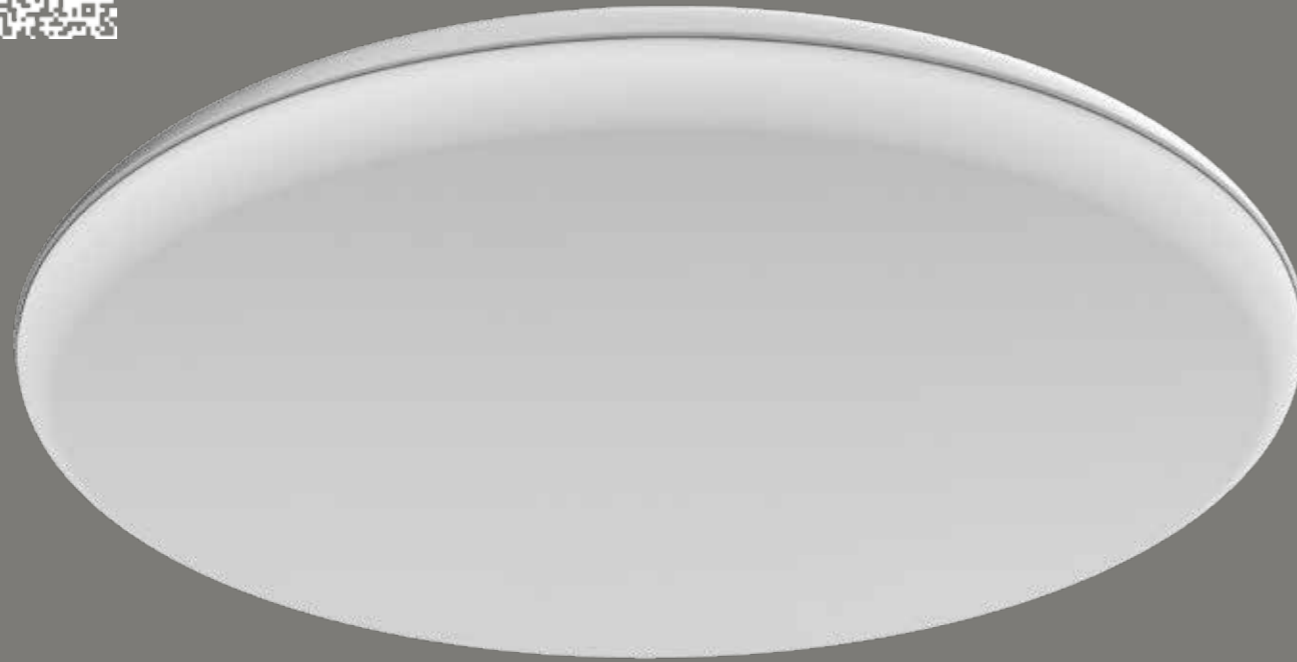
Light flux	6.000 lm
Power consumption	48 W
Luminous efficiency	125 lm/W
Beam angle	90°
Light colour	3000 4000 6.000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 3 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	8,2 kg
Input voltage AC	220 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +45°C
Through-wiring	yes
Connection	clamp: 5-pole, max. 2,5 mm²
UV-resistant	limited
Dimmable	DALI DIP-switch
IP Code	IP 40
Impact resistance	IK 03
Applicable in the food sector	no
Cover	microprismatic
Housing colour	white
Housing material	aluminium
Luminaires per circuit breaker B10A	18
Luminaires per circuit breaker C10A	29
Luminaires per circuit breaker B16A	30
Luminaires per circuit breaker C16A	48
Protection class	II

Dimensions in mm



3 Years
Guarantee

InteriorLUX



Highlights

easy assembly
on the wall and ceiling
that saves time and money

Areas of application
Corridors, social rooms
Staircases
Sanitary areas

frugal
lighting option due to
adjustable sensor
18M | 25M

due to **IP54**
and **IK10**
protection against
rough use

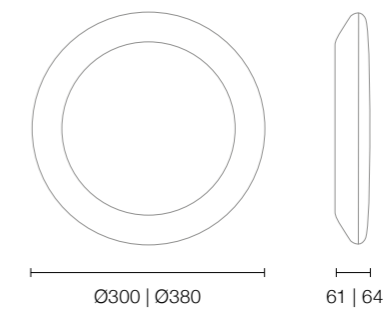
3000 K
4000 K
5000 K
maximum flexibility
due to adjustable
light color

dimmable
via phase control

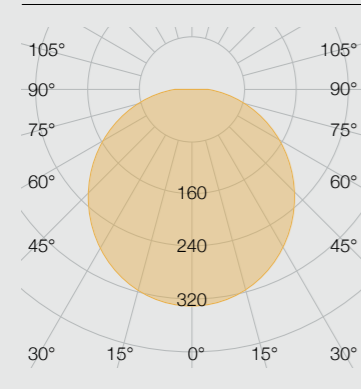
Technical data

Light flux	1.800 2.500 lm
Power consumption	18 25 W
Luminous efficiency	100 lm/W
Beam angle	120°
Light colour	3000 4000 5000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	0,9 1,4 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-25°C to +45°C
Through-wiring	3 x 1,5 mm ²
Connection	clamp: 3-pole, max. 2,5 mm ²
UV-resistant	no
Dimmable	with LED- phase gating -/- sectional dimmer
IP Code	IP 54
Impact resistance	IK 10
Applicable in the food sector	ja
Cover	diffuse
Housing colour	white
Housing material	PC
Luminaires per circuit breaker B10A	115 (18W) 83 (25W)
Luminaires per circuit breaker C10A	115 83
Luminaires per circuit breaker B16A	184 132
Luminaires per circuit breaker C16A	184 132
Protection class	II

Dimensions in mm



Polar distribution curve



InteriorLUX

Assembly

Whether in the sanitary area or in the stairwell - the flexible options of InteriorLUX for use on the ceiling or wall make planning and installation fun. In addition to the easy installation, the InteriorLUX also shines with its homogeneous light distribution and the adjustable light color.

Many moods in one product

Whether cozy or productive - the K3 function of the InteriorLUX ensures the right light in every situation. This can be easily selected using the integrated switch. Only one item needs to be ordered. Nevertheless, depending on the room situation, it can be decided on site whether concentration-promoting daylight or relaxing light in a warm white color should be preferred.



**integrated motion sensor
18M and 25M**

HF-sensor
detection angle 150°, max. height 4 m, detection range Ø 10 m at installation height 3 m

setting options
brightness, time, detection area

InteriorLUX

Produkt	Art.-Nr.	EAN		lm	Watt		Ø x H mm	Gross Price	PU
InteriorLUX 18 K³	133040180098	4260374015222	3000 K 4000 K 5000 K	1.800	18	120°	Ø300 x 61	86,46 €	10
InteriorLUX 18M K³	133040180099	4260374015239	3000 K 4000 K 5000 K	1.800	18	120°	Ø300 x 61	109,38 €	10
InteriorLUX 25 K³	133840250096	4260374015208	3000 K 4000 K 5000 K	2.500	25	120°	Ø380 x 64	123,96 €	6
InteriorLUX 25M K³	133840250097	4260374015215	3000 K 4000 K 5000 K	2.500	25	120°	Ø380 x 64	144,79 €	6

Scope of delivery: incl. mounting material

All prices refer to 1 piece plus VAT.

NEW in our assortment

PanelLUX

SQUARE | LONG

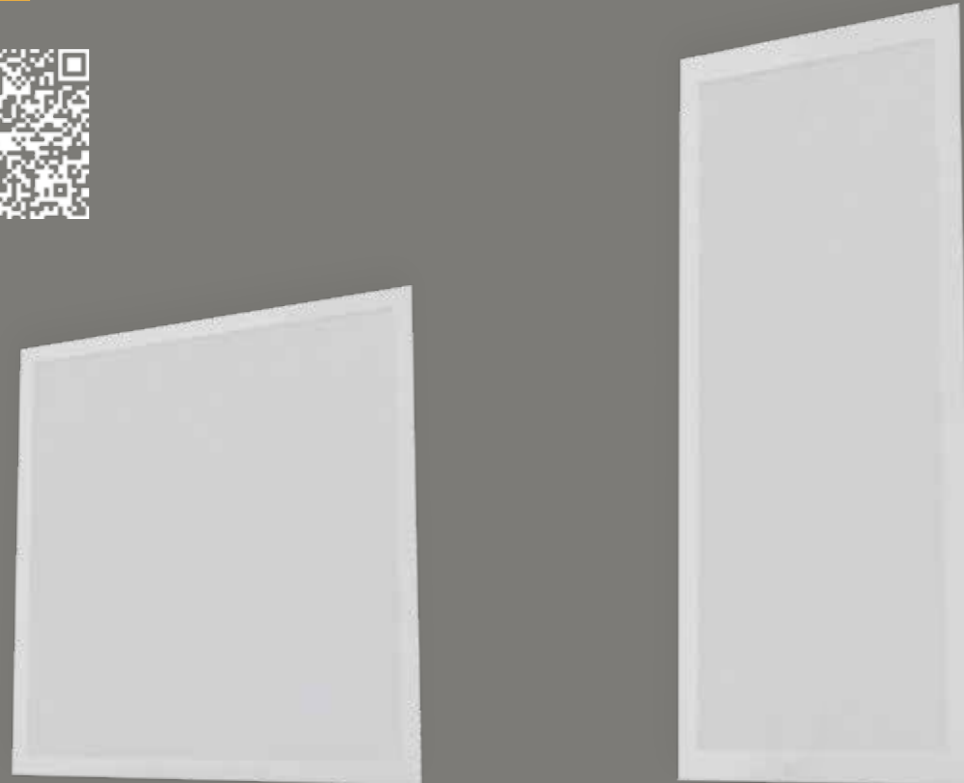
NEW



4 Years
Guarantee



PanelLUX SQUARE



Areas of application

Offices
Meeting rooms
Sales rooms
Canteens
Foyers

especially flat design
only 11 mm

flexible assembly
by recessed or surface frame, or wire suspen

due to **UGR < 19**
suitable for computer workplaces

Highlights

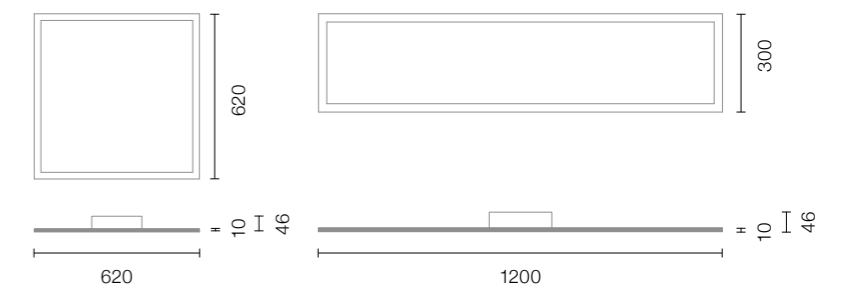
due to high quality materials,
no yellowing
because of UV light component

modular system
due to various driver options

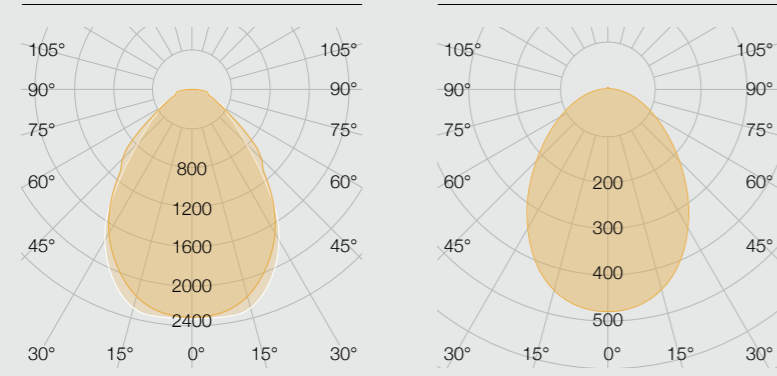
Technical data

Light flux	4.200 3.900 lm
Power consumption	34 38 W
Luminous efficiency	124 103 lm/W
Beam angle	80° 100°
Light colour	4000 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	2,7 3,0 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +45°C
Through-wiring	depending on the ballast
Connection	depending on the ballast
UV-resistant	yes
Dimmable	DALI no
IP Code	IP 20
Impact resistance	IK 07
Applicable in the food sector	yes
Cover	diffuse prismatic
Housing colour	white
Housing material	aluminium & PS PMMA
Luminaires per circuit breaker B10A	58 52
Luminaires per circuit breaker C10A	58 52
Luminaires per circuit breaker B16A	92 83
Luminaires per circuit breaker C16A	92 83
Protection class	II

Dimensions in mm



Polar distribution curve



PanelLUX SQUARE 80°

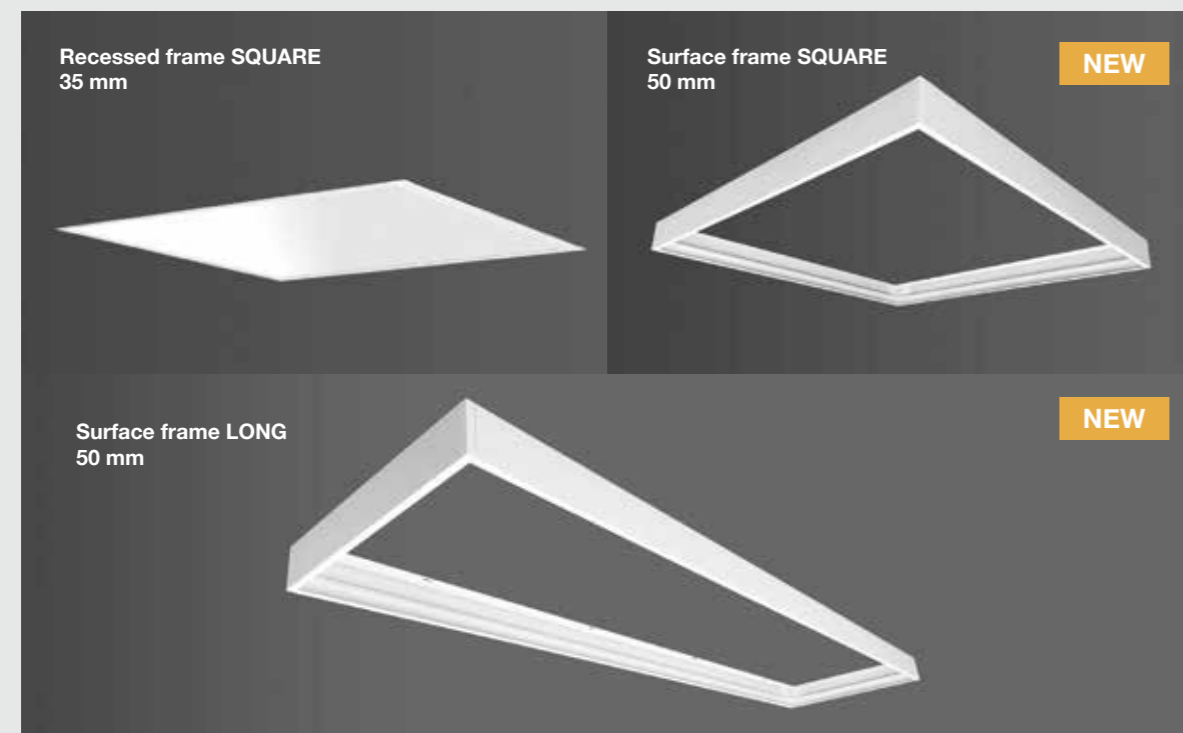
PanelLUX LONG 100°



High-quality and well thought-out panel design in slim packaging

The ideal choice of materials and a well thought-out design ensure lasting and long-lasting quality. The yellowing and bluing of many commercially available products is a thing of the past with the PanelLUX. You get permanently perfectly homogeneous light.

Recessed & Surface frames



PanelLUX SQUARE | LONG

Product	Art.-Nr.	EAN	lm	lm	°	L x H x B mm	Gross Price	PU
PanelLUX SQUARE	626240340021	4260374019237	4000 K	4.200	80°	620 x 620 x 10 (46)	80,21 €	6
PanelLUX LONG	626240380012	4260374014690	4000 K	3.900	100°	1200 x 300 x 10 (46)	82,29 €	5

i Without ballast

Accessories	Art.-Nr.	EAN	Watt	L x B x H mm	Gross Price	PU
PanelLUX SQUARE ballast	624736020022	4260374019244	34		17,71 €	1
PanelLUX SQUARE, DALI/ Push-DIM ballast	624736030023	4260374019251	34		51,04 €	1
PanelLUX SQUARE surface frame	476363070081	4260374019312		630 x 630 x 50	32,29 €	25
PanelLUX SQUARE / LONG wire suspension	476210040041	4260374014744		Set á 1000	19,79 €	1
PanelLUX SQUARE recessed frame	476262080040	4260374014737		620 x 620 x 35	40,63 €	10
PanelLUX LONG ballast	624738020013	4260374014706	38		17,71 €	1
PanelLUX LONG, DALI ballast	624738030014	4260374014713	38		51,04 €	1
PanelLUX LONG surface frame	473012070082	4260374019329		1205 x 305 x 50	40,63 €	20

i The surface frame is supplied as a 4-part plug-in system

NoviLUX FLEX

ROUND | SQUARE



3 Years
Guarantee



Areas of application
 Showrooms
 Sanitary areas
 Meeting rooms
 surgeries / corridors
 Staircases

4000 K
5000 K
6500 K
 3 colors of light available

Use as surface mounted luminaire or recessed luminaire

tool-free mounting

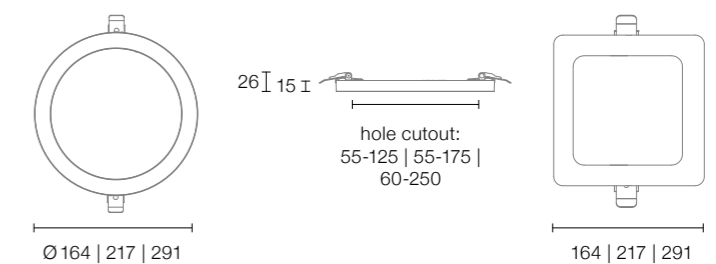
Highlights

Use of existing mounting holes possible
 Ø 55 - 250 mm

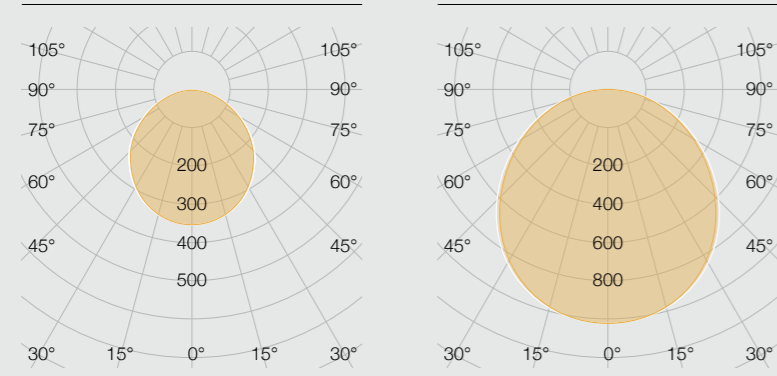
Technical data

Light flux	1.000 1.650 2.200 lm
Power consumption	12 18 24 W
Luminous efficiency	83 92 92 lm/W
Beam angle	110°
Light colour	3000 4000 5000 K
Switching cycles bf failure	> 50.000
Colour reproduction CRI (Ra)	> 80
Colour consistency	< 5 SDCM
Lifespan	> 25.000 h [L80, B10]
Weight	0,2 0,4 0,6 kg
Input voltage AC	200 - 240 V AC, 50/60 Hz
Voltage range DC	
Operating temperature	-20°C to +40°C
Through-wiring	no
Connection	Connection cable: 2 x 0,75 mm ² , 0,2 m (at 12K ³ 0,15 m)
UV-resistant	no
Dimmable	with LED phase on/sectional dimmer
IP Code	IP 20
Impact resistance	IK 05
Applicable in the food sector	no
Cover	diffuse
Housing colour	white
Housing material	PC
Luminaires per circuit breaker B10A	142 (12W) 115 (18W) 86 (24W)
Luminaires per circuit breaker C10A	173 115 86
Luminaires per circuit breaker B16A	228 184 138
Luminaires per circuit breaker C16A	276 184 138
Protection class	II

Dimensions in mm



Polar distribution curves

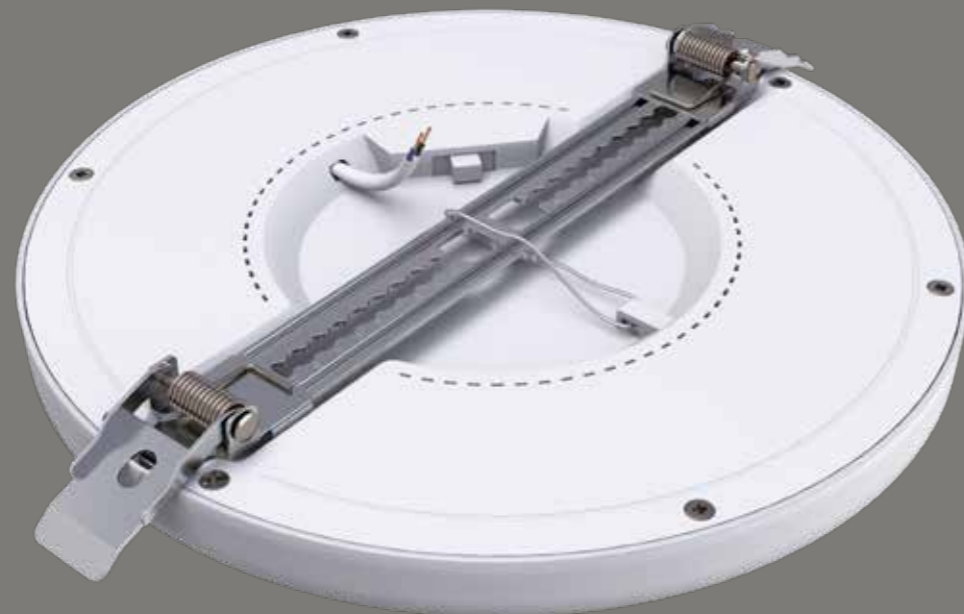


NoviLUX FLEX ROUND



NoviLUX FLEX SQUARE

Assembly


Renovations are characterized by unforeseeable situations. The NoviLUX FLEX offers the ideal refurbishment solution for downlights, as existing recesses in the wall and ceiling can be reused! The lamp is also suitable for surface mounting. Thanks to the supplied tension springs, not only is installation done in no time at all, you also save time and money on unnecessary renovation work.



NoviLUX FLEX ROUND | SQUARE

Product	Art.-Nr.	EAN	 Im	Watt	 °	Ø x H L x B x H mm	Gross Price	PU	
NoviLUX FLEX ROUND 12 K³	501295160028	4260374017257	3000 K 4000 K 6500 K	1.000	12	110°	Ø 164 (55-125) x 15	34,38 €	40
NoviLUX FLEX ROUND 18 K³	501895220030	4260374017271	3000 K 4000 K 6500 K	1.650	18	110°	Ø 216 (55-175) x 15	48,96 €	20
NoviLUX FLEX ROUND 24 K³	502495290032	4260374017295	3000 K 4000 K 6500 K	2.200	24	110°	Ø 291 (60-260) x 15	67,71 €	10
NoviLUX FLEX SQUARE 12 K³	501295160029	4260374017264	3000 K 4000 K 6500 K	1.000	12	110°	64 x 164 (55-125) x 15	38,54 €	40
NoviLUX FLEX SQUARE 18 K³	501895220031	4260374017288	3000 K 4000 K 6500 K	1.650	18	110°	217 x 217 (55-175) x 15	53,13 €	20
NoviLUX FLEX SQUARE 24 K³	502495290033	4260374017301	3000 K 4000 K 6500 K	2.200	24	110°	291 x 291 (60-250) x 15	71,88 €	10

All prices refer to 1 piece plus VAT.

 NEW in our assortment

LED-Tubes

The **lichtline** LED tubes convince with an exceptionally high luminous efficacy at differentiated color temperatures from 2700 K to 6500 K. The LED tubes achieve their service life of more than 50,000 hours, among other things, through aluminum heat sinks for effective heat dissipation. These illuminants convince with high-quality light and are therefore suitable as a replacement for any conventional fluorescent tube.

DeLUX **INDUSTRY | PROFESSIONAL PLUS** 178



4 Years
Guarantee

DeLUX

INDUSTRY PROFESSIONAL PLUS



Areas of application
Production halls
Warehouses
Corridors



high lumen package
up to 4.200 lm
also for higher heights

Highlights

>500.000 switching cycles

assumption of conformity
from **lichtline**
when rewiring ECGs

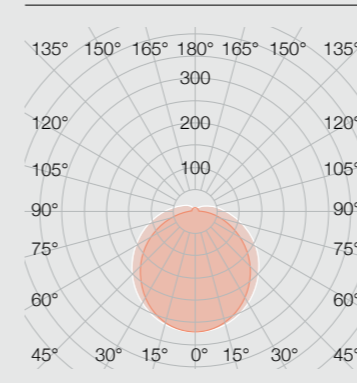
absolutely **flicker-free light**

insert with **KVG, VVG and on 230V**

Special length & light color
possible on request



Polar distribution curve

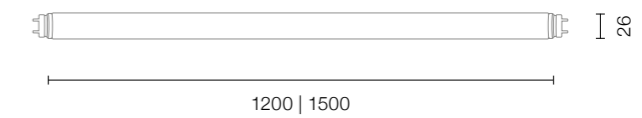


DeLUX PROFESSIONAL PLUS | INDUSTRY

Technical data

Light flux	up to 4.200 lm
Power consumption	up to 28 W
Luminous efficiency	up to 150 lm/W
Beam angle	130°
Light colour	4000 5000 6500 K
Switching cycles bf failure	> 500.000
Colour reproduction CRI (Ra)	> 83
Colour consistency	< 3 SDCM
Lifespan	> 50.000 h [L80, B10]
Weight	0,3 kg
Input voltage AC	220 - 240V AC, 50/60Hz
Voltage range DC	-20°C to +50°C
Operating temperature	-
Through-wiring	G13 socket
Connection	yes
UV-resistant	on demand
Dimmable	IP 40
IP Code	IK 08
Impact resistance	yes
Applicable in the food sector	diffuse
Cover	white
Housing colour	PC
Housing material	on demand
Luminaires per circuit breaker B10A	on demand
Luminaires per circuit breaker C10A	on demand
Luminaires per circuit breaker B16A	on demand
Luminaires per circuit breaker C16A	II

Dimensions in mm




DeLUX PROFESSIONAL PLUS | INDUSTRY

Product	Art.-Nr.	EAN		lm	Watt	Δ°	L x Ø mm	Gross Price	PU
DeLUX PROFESSIONAL PLUS 1500	881565100228R	4260374011361	6500 K	4.200	28	130°	1500 x Ø26	61,46 €	25
DeLUX PROFESSIONAL PLUS 1500	881550100228R	4260374011989	5000 K	4.200	28	130°	1500 x Ø26	61,46 €	25
DeLUX PROFESSIONAL PLUS 1500	881540100228R	4260374011378	4000 K	4.200	28	130°	1500 x Ø26	61,46 €	25
DeLUX INDUSTRY 1500	881565100224R	4260374011316	6500 K	3.350	24	130°	1500 x Ø26	53,13 €	25
DeLUX INDUSTRY 1500	881550100224R	4260374011323	5000 K	3.350	24	130°	1500 x Ø26	53,13 €	25
DeLUX INDUSTRY 1500	881540100224R	4260374011330	4000 K	3.350	24	130°	1500 x Ø26	53,13 €	25
DeLUX INDUSTRY 1200	881265100218R	4260374011408	6500 K	2.500	18	130°	1200 x Ø26	48,96 €	25
DeLUX INDUSTRY 1200	881250100218R	4260374011415	5000 K	2.500	18	130°	1200 x Ø26	48,96 €	25
DeLUX INDUSTRY 1200	881240100218R	4260374011422	4000 K	2.500	18	130°	1200 x Ø26	48,96 €	25



Scope of delivery: incl. LED starter

Accessories	Art.-Nr.	EAN	Gross Price	PU
 Starter bracket for ECG conversions	474588000018	4260374014027	0,83 €	1

Sensors

Today's building is not only becoming more and more digital, but also more and more intelligent. With smart sensor technology, we open up completely new possibilities for you. Reduce your energy and building costs to a minimum, ensure more security and increase your comfort at the same time. With our partner "Steinel" we create an intelligent combination of lights and sensors and thus your lighting solution for the future.

sensIQ S	184
IS 345 MX Highbay	186
IR Quattro HD	188



5 Years
Guarantee

Outdoor motion detector **sensIQ S**



Areas of application
Parking garages
Entrances & driveways
Outdoor areas
Warehouses

height resolution
due to 1360
switching zones



Highlights

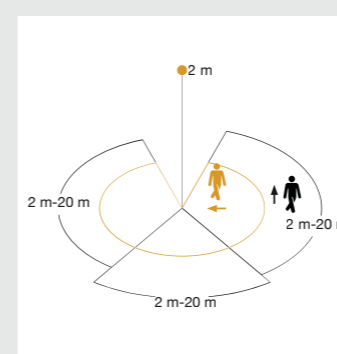
Accessories
possible on demand

IP54

2-20 m in
three directions
selectable



acquisition characteristic

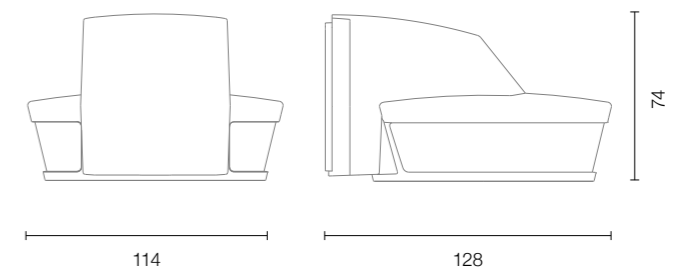


3- scalable zones, each 2-20m

Technische Daten

sensor technology	passive infrared
application, place	indoors, outdoors
assembly location assembly type	wall, corner plaster
assembly height	2,00 - 5,00 m
range radial	r = 4 m (42 m ²)
range tangential	r = 20 m (1047 m ²)
range details	Range of 2-20m in 3 directions (each 100°) adjustable
detection angle	300°
opening angle	180°
nominal voltage	100 - 240 V AC, 50/60 Hz
operating temperatur	-20°C to +50°C
optimal mounting height	2 m
mechanical scalability and creep protection	yes
twilight setting	2 - 1000 Lux
IP Code	IP 54
time setting	5 s - 15 Min.
constant light control	no
basic light function	no
case color	white
housing material	plastic
with remote	yes
Adjustable via	remote control, pots, smart remote
functions	normal -/ test mode, manualON/ ON-OFF,
interface	COM 1
power and switching output 1, ohmic	2000 W, 2000 W

Dimensions in mm



You can find detailed information in the order overview on page 190.

5 Years
Guarantee

Indoor motion detectors

IS 345 MX Highbay



Areas of application
high-bay warehouses
production facilities
sports halls



available in different
DALI variants

Highlights

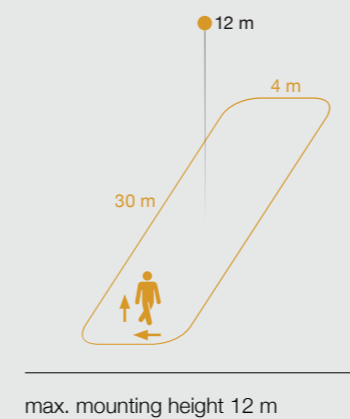
mounting height
up to
14 m

**rectangular
detection
characteristic**
particularly suitable for
warehouse aisles

IP54



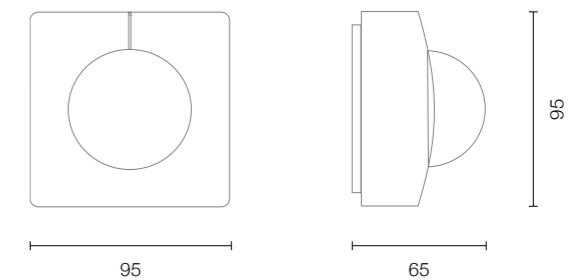
acquisition characteristic



Technical Data

ensor technology	passive infrared
application, place	indoors
assembly location assembly type	blanket plaster
assembly height	4,00 - 14,00 m
range radial	30 x 4 m (120 m ²)
range tangential	30 x 4 m (120 m ²)
detection angle	360°
opening angle	45°
nominal voltage	220 -240V AC, 50/60 Hz
operating temperatur	-20°C to +50°C
optimal mounting height	12 m
mechanical scalability and creep protection	no, yes
twilight setting	2 - 1000 Lux
IP Code	IP 54
time setting	5s - 15 Min.
constant light control	no
basic light function	no
case color	white
housing material	plastic
with remote	no
adjustable via	Remote control, potentiometers, smart remote
functions	normal -/ test mode, manual ON/ ON-OFF,
interface	DALI Broadcast (DALI-2-APC) DALI-full system (DALI-2-IPD)
power and switching output 1, ohmic	2000 W, 2000 W

Dimensions in mm



You can find detailed information
in the order overview on page 190.

5 Years
Guarantee

presence detector

IR Quattro HD

Areas of application

- Office & conference rooms
- Educational institutions
- Production facilities
- Parking garages



mounting height
2,50 m to 10 m



Highlights

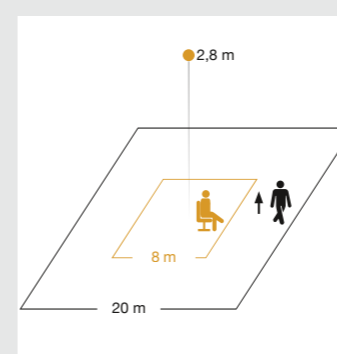
8x8 m
presence detection

very high resolution
due to 4800 switching zones

square capture
until **20x20 m**



acquisition characteristic

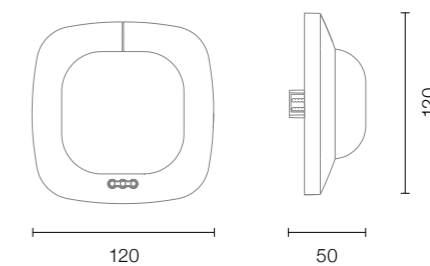


max. detection range 20 x 20 m


Technical Data

sensor technology	Passive infrared
application, place	Indoors
assembly location assembly type	blanket concealed
assembly height	2,50 - 10,00 m
range radial	8 x 8 m (64 m ²)
range tangential	20 x 20 m (400 m ²)
detection angle	8 x 8 m (64 m ²)
opening angle	360°
nominal voltage	160°
operating temperatur	230 V / 50 - 60 Hz
optimal mounting height	-25°C to +50°C
mechanical scalability and creep protection	2,8 m
twilight setting	yes
IP Code	10 - 1000 Lux
time setting	IP 20
constant light control	30 s - 30 min.
basic light function	no
case color	no
housing material	white
with remote	plastic
adjustable via	no
functions	remote control, DIP switches, pots, smart remote
interface	normal/test mode, semi/fully automatic, button/switch mode, manual ON/ON-OFF, constant light control ON-OFF
power and switching output 1, ohmic	DALI broadcast (DALI-2 APC) DALI - full system (DALI-2 IPD)
power and switching output 1, Ohmsch	2000 W, 2000 W

Dimensions in mm




Sensors

Product	Art.-Nr.	EAN	max. mounting height	detection area	 L x B x H mm	Gross Price	PU
sensIQ S motion detector passive infrared for wall mounting	LL034955	4007841034955	2 - 5 m	2 - 20 m	300° 114 x 74 x 128	131,25 €	1
IS 345 MX Highbay, DALI -2 APC, ceiling motion detector passive infrared	LL010591	4007841010591	12 m	30 x 4 m	360° 65 x 95 x 95	146,88 €	1
IS 345 MX Highbay, DALI -2 IPD, ceiling motion detector passive infrared	LL057398	4007841057398	12 m	30 x 4 m	360° 65 x 95 x 95	132,29 €	1
IR QUATTRO HD, DALI -2 APC, Ceiling presence detector passive infrared with square detection range	LL002756	4007841002756	10 m	20 x 20 m	360° 70 x 120 x 120	218,75 €	1
IR QUATTRO HD, DALI -2 IPD, Ceiling presence detector passive infrared with square detection range	LL057497	4007841057497	10 m	20 x 20 m	360° 70 x 120 x 120	207,29 €	1



All Steinel sensors are compatible with the **lichtline** luminaires

Accessories	Art.-Nr.	EAN	Gross Price	PU
 Smart Remote Bluetooth remote control for all sensors Universal IR remote control	LL009151	4007841009151	122,92 €	1



The remote control is compatible with all sensors



Service

lichtline stands for innovation, technology and sustainability. For competence and know-how. For advice and analysis. For high-quality products and the best service.

In our service section we give you a little insight into the most important symbols, types of protection, resistances and much more. You can also find contact information here.

Because of our many years of experience, we offer you comprehensive support. Our experts in Germany, Austria and Switzerland are at your disposal for all questions relating to light. Contact us by phone or email so we can discuss your questions and inquiries.

- Explanation of symbols**..... 194
- IK Classes** 195
- IP Protection types**..... 196
- Color temperature** 198
- Resistance table** 200
- Contact**..... 204



Explanation of Symbols



The CE marking is a self-declaration by the manufacturer that the product complies with EU harmonized regulations.



Use only in dry indoor areas.



Products tested within the meaning of the Product Safety Act in accordance with VDE/ EN-/ IEC standards, other technical regulations and any legal provisions with regard to safety and health requirements.



ENEC (European Norms Electrical Certification) is a test mark awarded by independent testing institutes approved by CENELEC and is accepted and recognized throughout Europe. The ENEC mark ensures that the product complies with the requirements of European safety standards.



Luminaire with limited surface temperature, suitable for use in fire hazardous locations. This applies, for example, to rooms with combustible dust or to mounting on wooden surfaces.



Indicates that the protective insulation corresponds to protection class II according to (VDE 0100, part 410, 412.1). This is equipment with reinforced or double insulation between active and touchable parts.



DALI stands for "Digital Addressable Lighting Interface" and is a protocol for controlling luminaires and lighting control gear in building automation.



Indicates that, in addition to the basic insulation of all active parts, all conductive parts of the equipment are grounded via a protective conductor on the mains side. This is called protection class I.



The luminaire is dimmable.



Food ready: The luminaire is suitable for use in the food sector. It is easy to clean and unbreakable, so there is no risk of splinters or fragments.



The luminaire is not dimmable.



The luminaire is ball-proof according to DIN 18032, Part 3 and may be used in sports facilities. Accordingly, the individual elements must remain undamaged despite the impact.



LEDs basically produce bundled light. The point in the light cone at which exactly half of the maximum emitted luminous intensity is still guaranteed is defined as the beam angle. It is therefore also referred to as the half-value angle.



The lamp is equipped with a PIR sensor (Pyroelectric Infrared Sensor) or an HF sensor (High Frequency Sensor) to detect movement or thermal radiation.



Adjustable via DIP or slide switch



The light color of a lamp is described by the color temperature in Kelvin (K). The higher the temperature, the whiter the color becomes.



Suitable for use in emergency power systems



There is a special emergency version for these luminaires.

IK Classes



Impact resistance grade
The housing withstands an impact energy of at least 0.35 joules.



Impact resistance grade
The housing can withstand an impact energy of at least 1 joule.



Impact resistance grade
The housing can withstand an impact energy of at least 0.5 joules.



Impact resistance grade
The housing can withstand an impact energy of at least 5 joules.

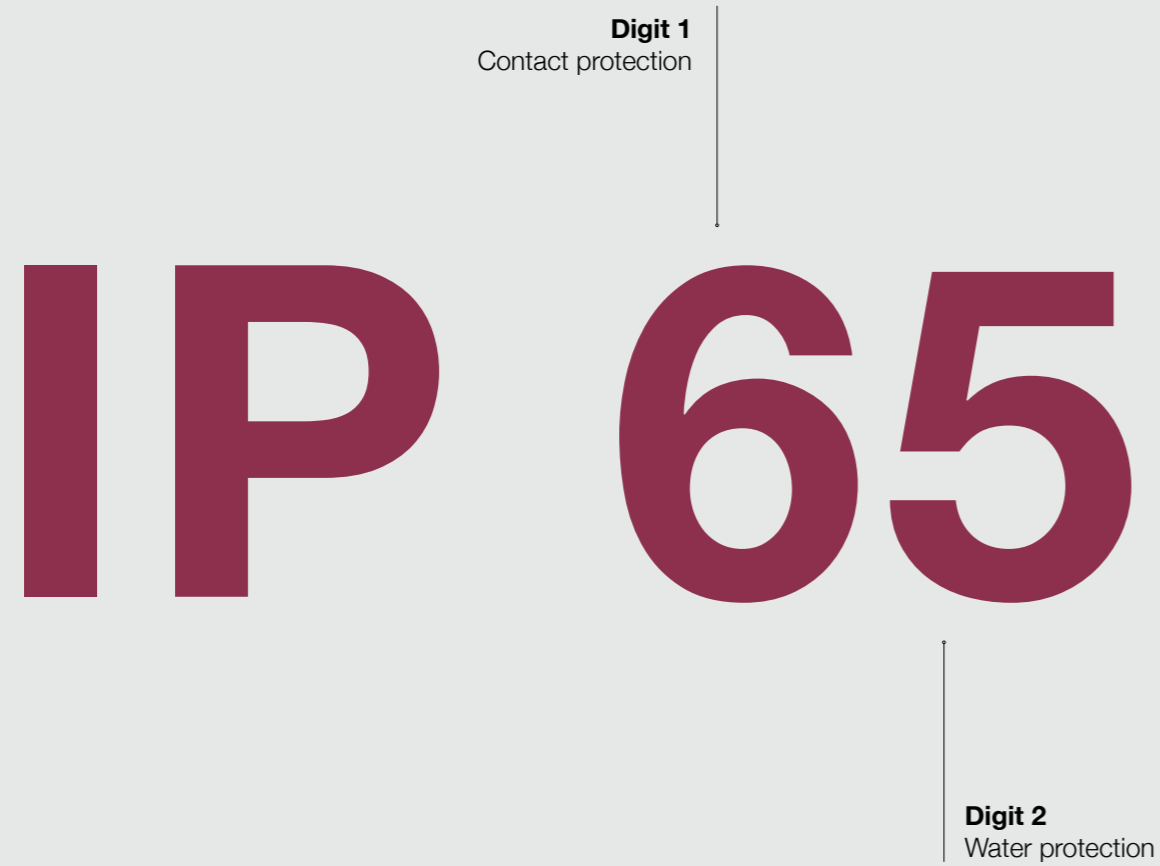


Impact resistance grade
The housing can withstand an impact energy of at least 0.7 joules.



Impact resistance grade
The housing can withstand an impact energy of at least 20 joules.

IP Schutzarten



Explanation

Digit 1

- 0 No foreign body protection

- 1 Protection against penetration of solid foreign bodies with a diameter >50 mm

- 2 Protection against penetration of solid foreign bodies with a diameter >12,5 mm

- 3 Protection against penetration of solid foreign bodies with a diameter >2.5 mm

- 4 Protection against penetration of solid foreign bodies with a diameter >1 mm

- 5 Protection against harmful dust deposits inside the devic

- 6 Protection against ingress of dust (dust-tight)

Digit 2

- 0 No protection against water penetration

- 1 Protection against vertically dripping water

- 2 Protection against dripping water falling obliquely (with 15° inclination)

- 3 Protection against splashing water (inclined up to 60°)

- 4 Protection from splashing water

- 5 Protection against water jets from all directions

- 6 Protection against strong jets of water

- 7 Protection against water penetration in the event of brief immersion

- 8 Protection against water penetration in case of continuous immersion

- 9 Protection against water penetration, even at high pressure (high-pressure cleaner)

! Our light dictionary

- Further information on the subject of light can be found in our light dictionary.



Color temperature

Light is an essential part of our lives and makes a decisive contribution to our well-being and performance. In this context, it is not only the brightness that matters, but above all the light temperature. This can be explained by the connection between color temperature and time of day, which has been established for thousands of years.

Especially in times of ever faster progress, we are able to provide the right light for every situation. Whether simple glow or extravagant play of light - with innovation and creativity we can put not only your projects, but also those of your target group in the right light.



1000

2000

3000

4000

5000

6000

7000

8000

9000

10000 K

Lagerfeuer

Glühbirne

Halogen

Sonniges
Mittagslicht

Halbschatten

Blaue Stunde

Resistance table

In order to be able to use our luminaires in a wide variety of applications, including demanding ones, each component must meet the appropriate resistance requirements. Below we have listed the resistance of the component materials to common chemical substances.

Product	Material
ClickLUX 2.0	Aluminium, PC
ClickLUX ROCKET	Aluminium, PC
DeLUX SPLASH	PC, PA66 (screwings)
IndustryLUX FARO X3	PC, PA66 (screwings)
IndustryLUX FLAT	Aluminium, PA66 (screwings)
IndustryLUX LANARA 2.0	Aluminium, PC, PA66 (screwings)
IndustryLUX RESIST	Aluminium, PC, nickel plated brass (screwings)
IndustryLUX TUBOLA	PC, PA66 (screwings)
IndustryLUX TUBOLA X	PMMA, PA66
7PROOF	PMMA, PUR (wiring)
Accessories	
Halteclips ClickLUX 2.0 / ROCKET	V2A
Halteclips IndustryLUX TUBOLA standard	PA66
Halteclips 7PROOF / IndustryLUX TUBOLA metal	V2A

Substance group	Alu	PA66	PC	PMMA	V2A	
Salts	Aluminium chloride	—	✓ 20%	✓	○	—
	Potassium carbonate	—	○	○	○	✓
	Sodium carbonate	—	○	○	○	✓
	Sodium chloride	—	✓	✓	○	✓
	Sodium sulphate	✓	✓	✓	○	✓
	Urea	✓	✓	✓	○	✓
	Ferrous(II)sulphate	—	—	✓	○	✓
	Ferric(III)chloride	—	—	✓	○	—
	Zinc chloride	—	○	✓ 10%	○	—
	Saline solutions	—	✓	—	✓	—
Alcohol	Ethanol	✓	✓	—	—	✓
	Methanol	✓	○	—	—	✓
	Butanol	✓	○	✓	—	✓
	Propanol	✓	—	○	—	✓
	Propandiol	✓	○	—	—	✓
	Ethylene glycol	✓	○	○	—	✓
	Hexafluorisopropanol	—	—	—	—	—
Glycerine	✓	○	○	—	✓	
Acids	Formic acid	—	—	✓ 10%	✓ 5%	✓ 3%
	Acetic acid	○	—	✓ 10%	—	✓
	Oxalic acid	✓	○	✓ 10%	✓ 10%	—
	Citric acid	✓	✓ 20%	✓	✓ 10%	✓ 10%
	Chloroacetic acid	—	—	—	—	—
	Lactic acid	✓	○	✓ 90%	✓ 10%	✓ 3%
	Tartaric acid	—	○	✓	○	○
	Hydrofluoric acid	—	—	○	—	—
	Hydrochloric acid	—	—	✓ 30%	✓ 2%	—
	Chloric acid	—	—	—	—	—
	Choppy acidity	—	—	—	—	—
	Sulphuric acid	—	—	✓ 2%	○	○
	Nitric acid	—	—	✓ 10%	✓ 2%	✓ 50%
Phosphoric acid	—	—	✓	✓ 10%	✓ 5%	
Carbon dioxide	—	✓	✓	✓	✓	
Prussic acid	✓	—	—	—	✓	

✓ resistant ○ limitedly resistant — not resistant

Substance group	Alu	PA66	PC	PMMA	V2A	
Aromatic hydrocarbons	Benzene	✓	✓	—	—	✓
	Toluene	✓	✓	—	—	✓
	Xylene	✓	✓	—	—	✓
	Ethylbenzene	✓	✓	—	—	✓
	Styrene	✓	✓	—	—	✓
	Trimethylbenzene	✓	✓	—	—	✓
	Naphthalene	✓	✓			✓
Alkanes paraffins	Methane	✓	✓	✓	✓	✓
	Ethane		✓		✓	
	Propane	✓	○	✓		✓
	n-Butane	✓	✓	✓		✓
	Cycloheptane				✓	
	n-Hexane	✓	✓	✓	✓	✓
	n-Heptane	✓	✓	✓	✓	✓
	n-Octane	✓	✓	○	✓	✓
Alkalines	Sodium hydroxide	—	○	—	✓ 50 %	✓ 1 %
	Potassium hydroxide	—	—	—	✓ 50 %	✓
	Ammonium hydroxide	✓		—	✓ 50 %	✓
	Lithium hydroxide			—	✓ 50 %	
Carbon tetrachlorides	Tetrachloromethane	—	○	—	—	✓
Halogenes	Fluorine	—	—	—		—
	Chlorine	—	—	—	—	—
Oxidising agents	Hydrogen peroxide	—	—	✓ 30 %	✓ 30 %	✓
	Ozone		—	✓	✓	
	Sodium hypochlorite	—	—	—	✓	—
	Potassium hypochlorite	—	—	—	✓	—
Peroxides	Lithium peroxide		—			
	Barium peroxide		—			
	Hydrogen peroxide	—	—	✓	✓	✓
	Sodium peroxide	—	—	—		✓ 10 %
Persulfates	Sodium persulfate		—			
	Potassium peroxide sulphate	—	—			
	Ammonium peroxide sulphate		—			

✓ resistant ○ limitedly resistant — not resistant

Substance group	Alu	PA66	PC	PMMA	V2A	
Lyes	Natriumhydroxid, solution	—	—	—	✓ 50 %	○
	Lithiumhydroxid, solution		—	—		
	Calciumhydroxid, solution	—	—	—		✓
	low concentrated lyes		✓		✓	
	soap solutions	○	✓	✓	✓	✓
	suds	○	✓ 10 %			✓
Tensides wetting agents	Natriumlaurylsulfat		✓ 30 %			
	Soap-based cleaner		○	○		
	Sulfonat		✓ 10 %			
	Amines	✓	✓	—		✓
	Fuels	✓	✓	—		✓
	Hydraulic fluids	✓	✓			✓
	Chlorinated water	—		—		—
	Brake fluid	✓		—		✓
	Petroleum	✓	✓	—	—	✓
	Aceton	✓	✓	—	—	✓
	Triethanolamin	✓	✓	—		✓
2-Butoxyethanol	✓		○	—	✓	
2-aminoethanol	✓		—		✓	
Ammonia	✓	✓ 20 %	—	✓	✓	

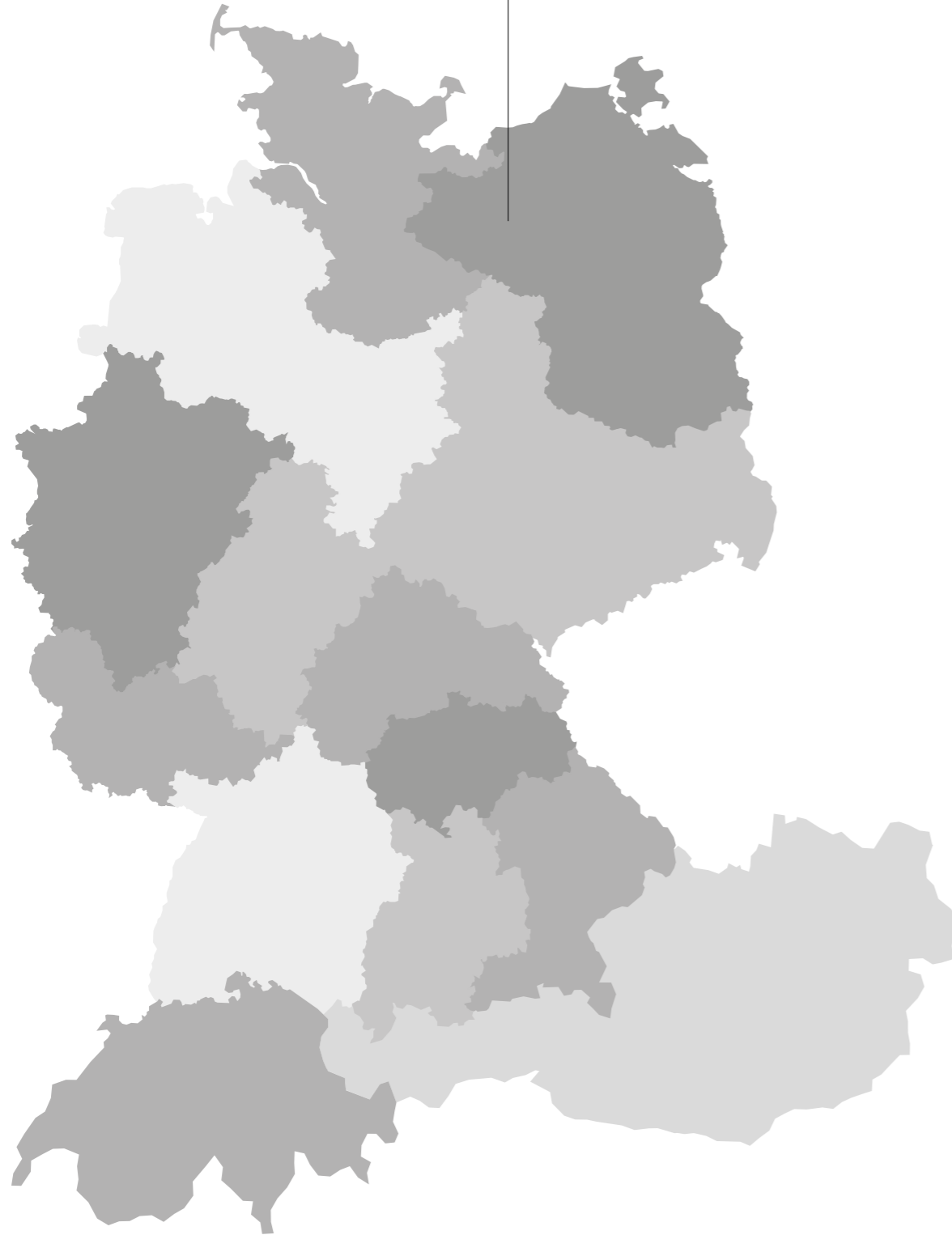
✓ resistant ○ limitedly resistant — not resistant

Data without guarantee. Individual cases and compositions of different substances can change the resistance. We will be pleased to provide you with an individual proof of resistance on request.



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