

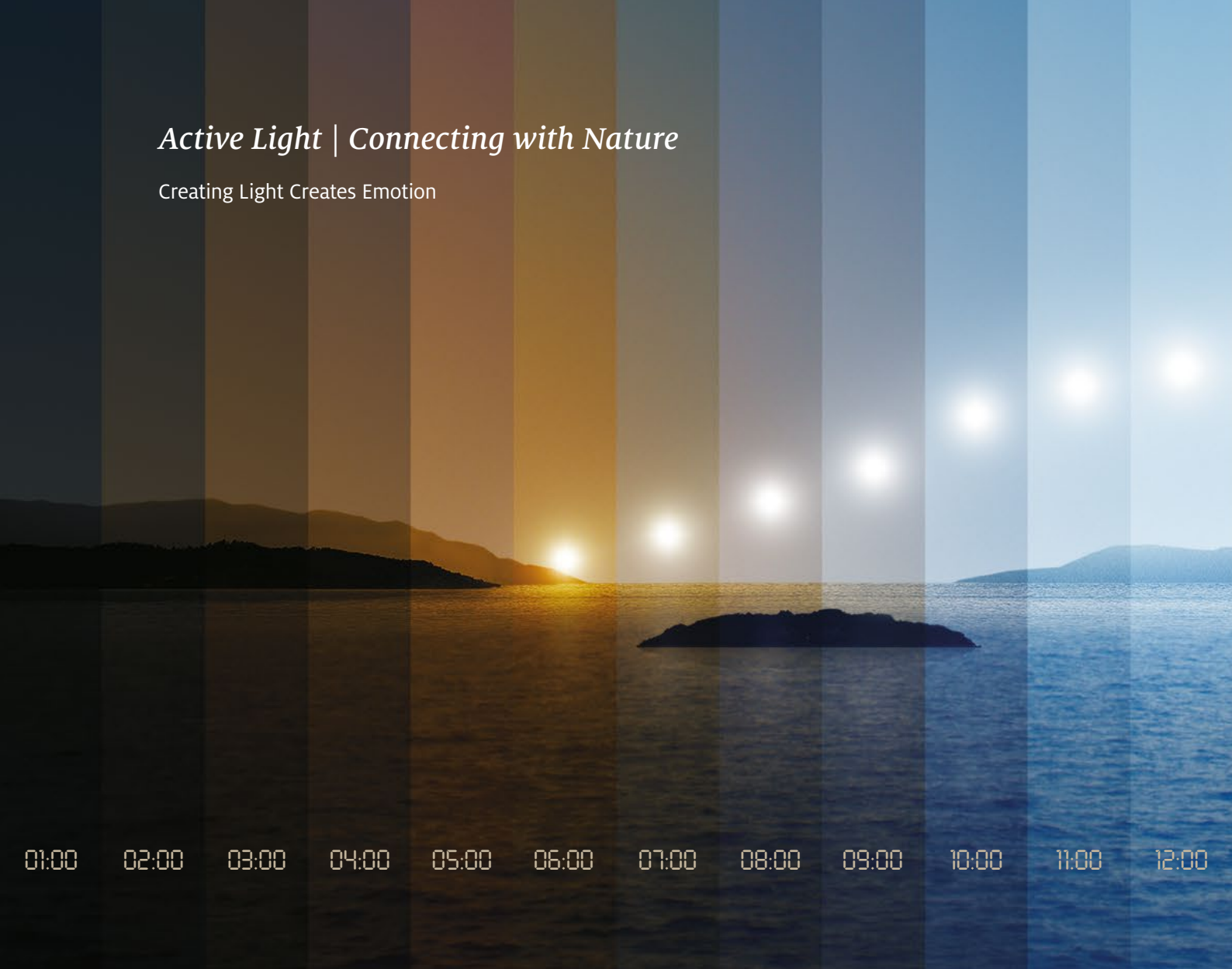


SUPERSYSTEM II

Multi-functional-LED lighting tool

Active Light | Connecting with Nature

Creating Light Creates Emotion



It is human instinct to be unconsciously drawn to moving objects. That is why our Limbic® research has focused on the human senses and how these are affected by Active Light. The aim is to create a world of experiences linked to various types of personalities that activate our senses and guide our perception, drawing people to what stimulates them and crafting a lighting environment for every kind of individual.

See here how Active Light works:
zumtobel.com/activelight



Intensity

Carefully planned spatial and time-based differences in lighting levels help showcase both the space and the products. A structured hierarchy of perception directs our line of vision.



Direction

Specific changes in lighting direction and shadowing add a dramatic edge to the goods on display.



Colour

Regulating the light colour in line with the product and the interior architecture improves perception and underlines the impression of quality, which in turn strengthens the willingness to buy.



Time

Active Light adapts the lighting to meet the needs of the people. Expectations stemming from the daylight situation and the time of day are reflected in just the same way as the personality structure of the specific Limbic® customer types.



With its modest filigree design, there is room for SUPERSYSTEM II anywhere where targeted accents and diverse lighting effects are needed. The multi-functional lighting equipment can perfectly fulfil a growing range of tasks and provide the right lighting effects – from highlighting goods in shop displays, to art exhibitions, to lighting design in hotels, restaurants, conference rooms and private homes. In combination with the perfect stability in every position and the slim track, which is only a few centimetres wide, the flexibility of this lighting system is difficult to beat.

SUPERSYSTEM II LED mini Spotlight





Wartburg, Luther 2017 special national exhibition, Eisenach | DE

Owner: Wartburg Foundation Eisenach | DE

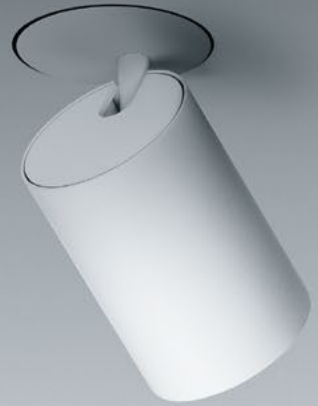
Lighting design: chezweitz GmbH, Berlin | DE





Geox Flagship Store London | UK
Architecture: Puresang, Barcelona | ES





SUPERSYSTEM II LED built-in spotlight midi

As a flexible built-in spotlight, SUPERSYSTEM II creates an amazing ambience, even without a track. With three frame sizes and a variety of assembly methods, this product represents yet another addition to the wide range of designs in the lighting family. This elegant, miniature light always remains in the background, creating a reduced ceiling effect and emphasising the attractive lighting features.



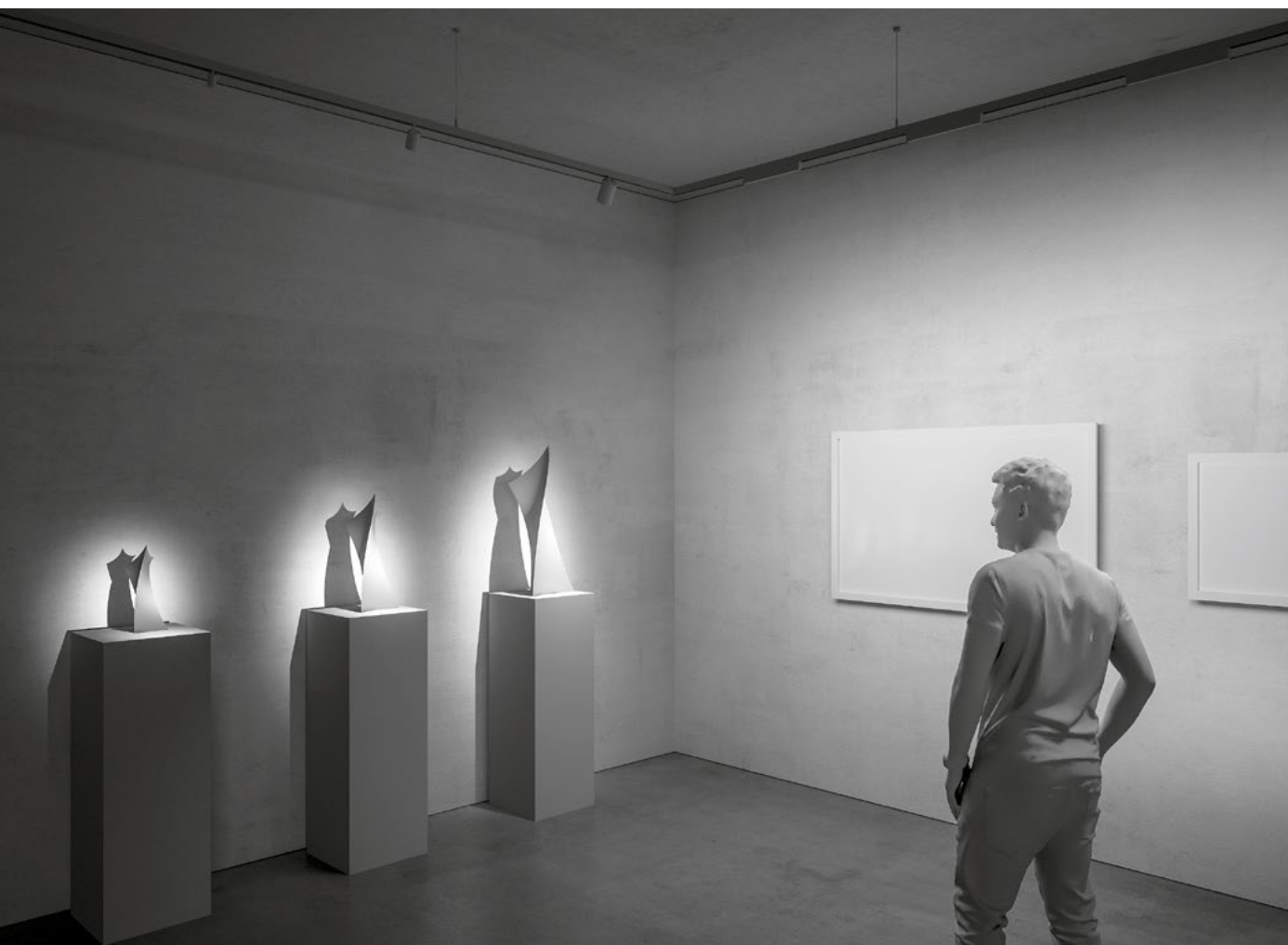


SUPERSYSTEM II U-rail with
LED mini/midi Spotlight, and midi LED Wallwasher

SUPERSYSTEM II

Variety has a system

The construction of SUPERSYSTEM II, with low-voltage extruded contact rails and multiple lighting inserts, offers unrivalled flexibility for illuminating spaces: architectural yet functional, integral yet flexible.



Accentuation and vertical lighting

In shops and galleries, lighting has two primary tasks: spotlighting to produce targeted accents and wallwashing to evenly illuminate vertical surfaces.

Areas of application

Galleries and museums, shops and retail



**Linear general lighting combined
with accentuation and vertical lighting**

The linear LEDline is a winning building block of Supersystem providing harmonious general lighting in hotel lobbies, reception areas, or waiting rooms. Complemented by spotlights for accents, it creates a lively atmosphere. Wallwashers evenly illuminate the vertical surfaces supporting spacial perception.

Area of application

Residential

(hotel, doctor's surgery, waiting room or reception area)



Vertical and indirect lighting

The combination of asymmetric wallwashers and indirect LEDline can significantly lighten nondescript corridor and circulation areas: lighting up wall surfaces creates a bright, friendly atmosphere in any space.

Area of application

Corridor and circulation spaces



Workspace, accent and vertical lighting










As a workspace luminaire, the LEDray lighting insert, with its highly efficient advanced lens technology, offers glare-free, ergonomic light for tasks requiring precise work, such as screen working on desks or sales counters. Spotlights, for added accentuation, are the perfect addition.

Areas of application

Office, shop, retail, reception,
workspace, sales counter

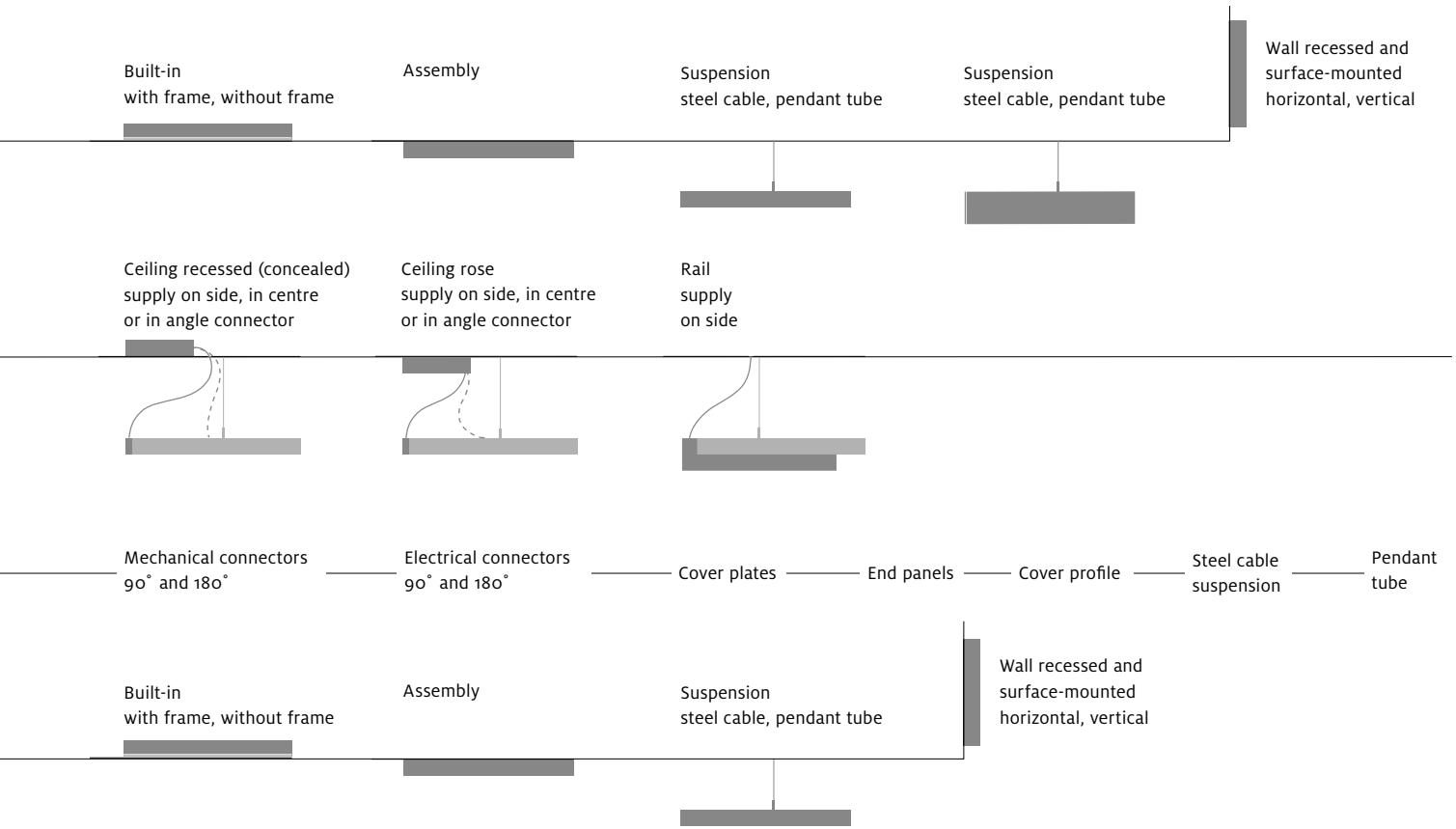
SUPERSYSTEM II

Portfolio

<p>Low-voltage track 48 V DC Installation</p>		<p>Montage U-profile: H 30 mm x W 26 mm H-profile: H 60 mm x W 26 mm Lengths 1000 mm, 2000 mm and 4000 mm</p>
		<p>Electrical feed LED driver (AC/DC power supply)</p>
		<p>System infrastructure</p>
<p>3-phase AC track</p>		
<p>Accent lighting on the rail</p>		<p>MINI D26</p> <p>Mini spotlight D26 1 x 3 W, 1 x 5 W</p>  <p>Mini spotlight D26 3 x 3 W, 3 x 5 W</p> 
<p>Accent lighting ceiling recessed (visible)</p>	<p>LED driver** ceiling recessed (concealed)</p>	<p>Mini built-in spotlight D26 1 x 3 W, 1 x 5 W rigid with frame</p>  <p>Mini built-in spotlight D26 1 x 3 W, 1 x 5 W can be rotated/pivoted with frame</p> 
<p>Spotlight accessories</p>		<p>Anti-glare tube mini D26</p>  <p>Ring louvre mini D26</p>  <p>Anti-glare ring mini D26 with light control film</p> 
<p>Wallwashing on the rail</p>		<p>Mini wall floodlight 1 x 11 W</p> 
<p>Task lighting on the rail</p>		<p>LEDline U 1 x 11 W</p> 

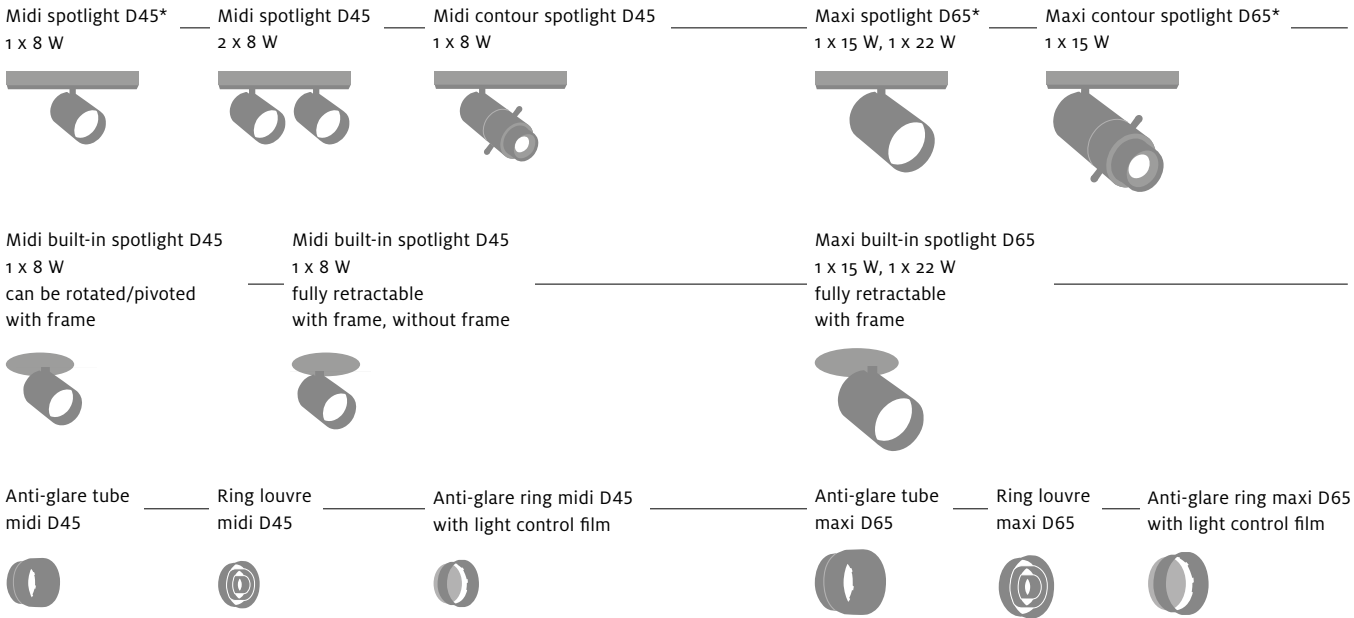
* Luminaires that are also offered for a 3-phase track

**to be ordered separately



MIDI D45

MAXI D65



Midi wall floodlight* 1 x 11 W



LEDray U 1 x 11 W



LEDline H direct/indirect 1 x 11 W



SUPERSYSTEM II

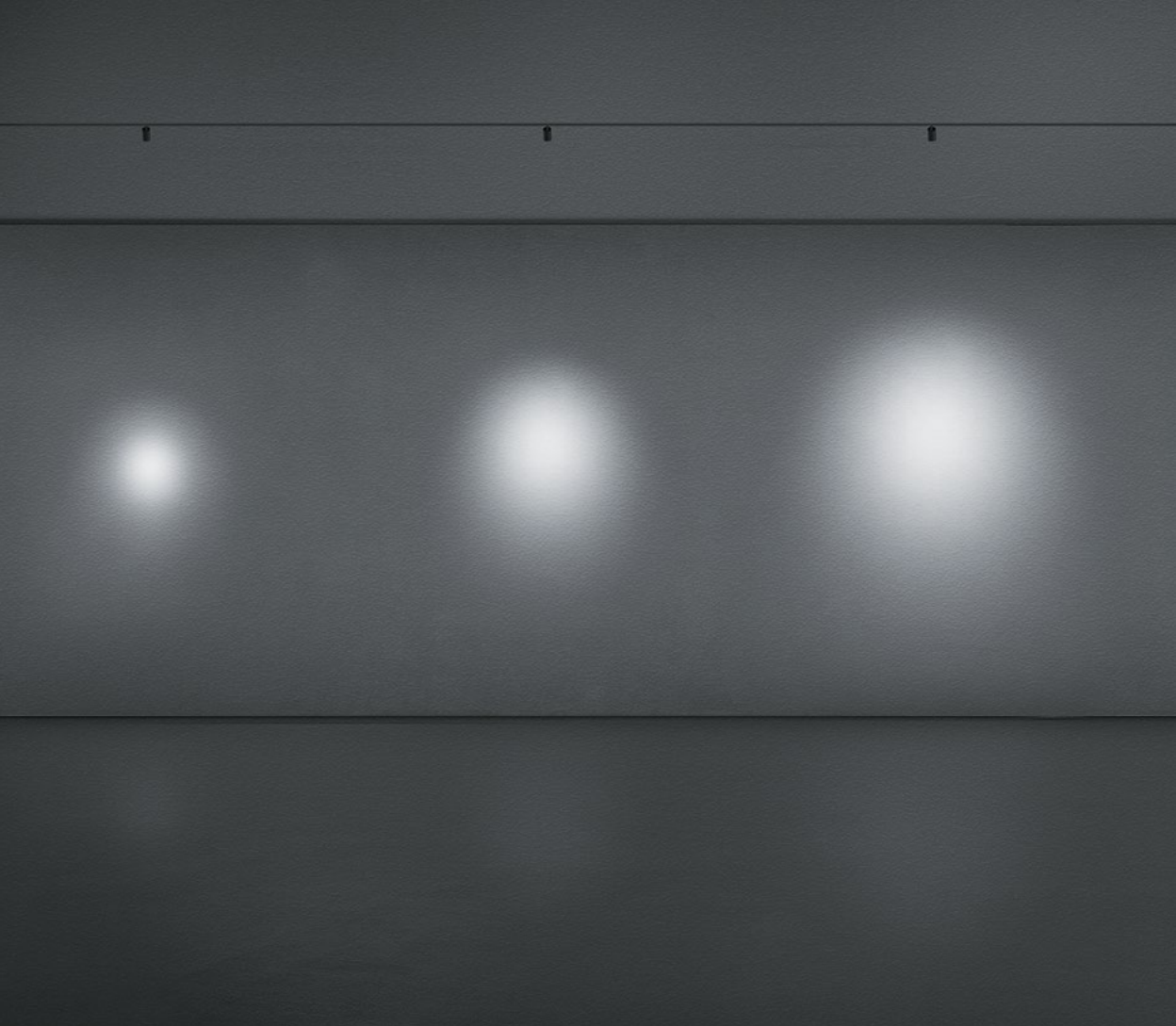
Ultimate lighting flexibility

SUPERSYSTEM II LED mini Spotlight



Illuminate to great effect

General or accent lighting, direct or indirect distribution, small or large objects, near or far: SUPERSYSTEM II can handle demanding challenges with ease, allowing ultimate creativity combined with consistent, simple aesthetics. This multi-functional tool makes a lighting impact with its miniature profile and varied LED lighting inserts. SUPERSYSTEM II helps deliver creative lighting solutions.



SUPERSYSTEM II

1

LED Spotlight Superspot

Beam angles
mini D26: 10°
midi D45: 8°
maxi D65: 8°

Light Output
mini D26: up to 350 lm
midi D45: up to 550 lm
maxi D65: up to 900 lm (15 W)

Colour temperatures
2700 K, 3000 K, 4000 K

2

LED Spotlight Spot

Beam angles
mini D26: 20°
midi D45: 20°
maxi D65: 13°/18°

Light Output
mini D26: up to 350 lm
midi D45: up to 550 lm
maxi D65: up to 900 lm (15 W)
or 1250 lm (22 W)

Colour temperatures
2700 K, 3000 K, 4000 K

3

LED Spotlight Flood

Beam angles
mini D26: 32°
midi D45: 34°
maxi D65: 29°

Light Output
mini D26: up to 350 lm
midi D45: up to 550 lm
maxi D65: up to 900 lm (15 W)
or 1250 lm (22 W)

Colour temperatures
2700 K, 3000 K, 4000 K

4

LED Spotlight Wideflood

Beam angles

mini D26: 57°

midi D45: 57°

maxi D65: 54°

Light Output

mini D26: up to 350 lm

midi D45: up to 550 lm

maxi D65: up to 900 lm (15 W)
or 1250 lm (22 W)

Colour temperatures

2700 K, 3000 K, 4000 K

5

**LED Spotlight with oval outline
vertical 1**

Beam angles

mini D26: 67° x 39°

midi D45: 67° x 40°

maxi D65: 69° x 36°

Light Output

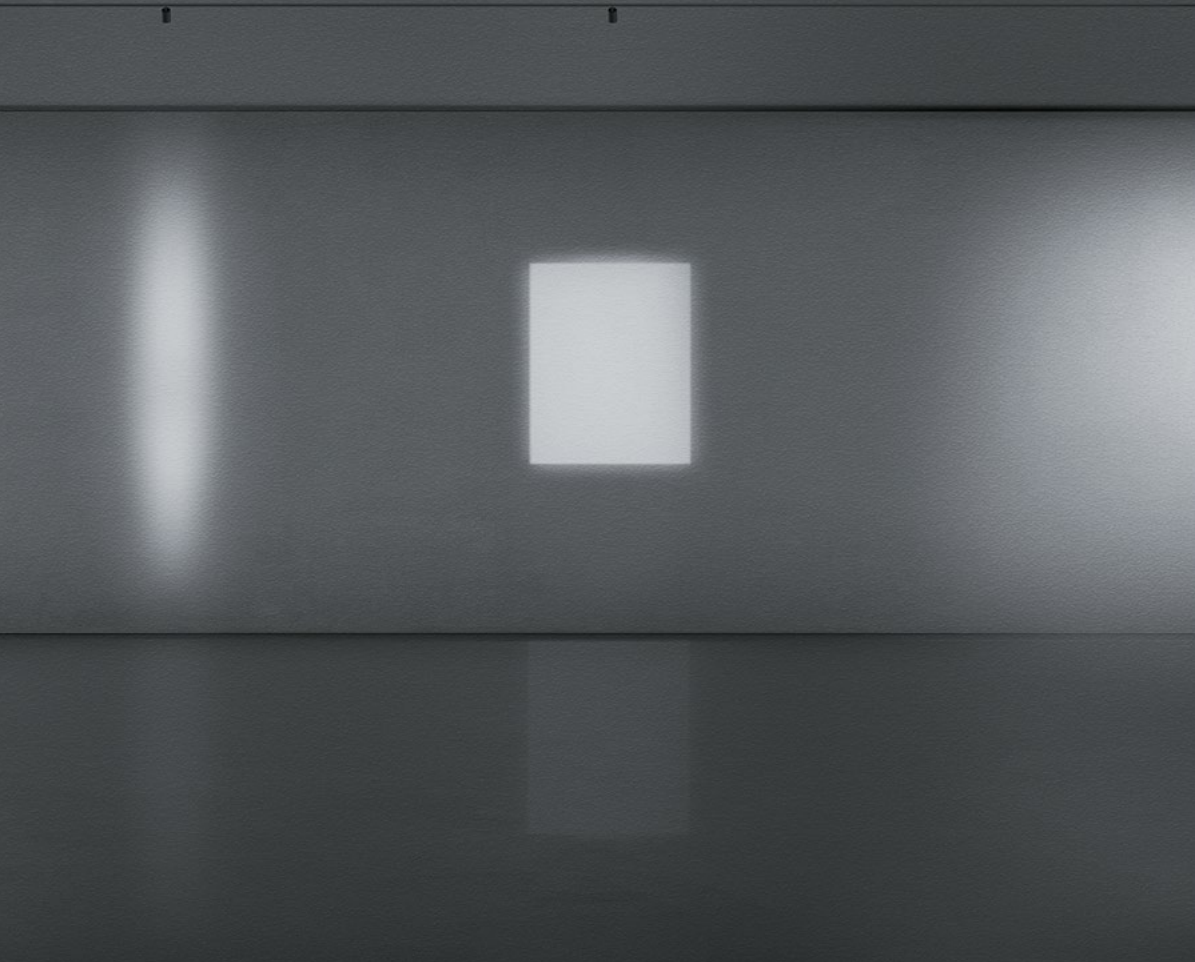
mini D26: up to 350 lm

midi D45: up to 550 lm

maxi D65: up to 900 lm (15 W)
or 1250 lm (22 W)

Colour temperatures

2700 K, 3000 K, 4000 K



6

**LED Spotlight with oval outline
vertical 2**

Beam angles

mini D26: 65° x 19°

midi D45: 63° x 19°

maxi D65: 62° x 12°

Light Output

mini D26: up to 350 lm

midi D45: up to 550 lm

maxi D65: up to 900 lm (15 W)

or 1250 lm (22 W)

Colour temperatures

2700 K, 3000 K, 4000 K

7

LED Framing Spotlight

Maximum Framing size

For a mounting height of 3 m and

distance of 1.5 m the maximum

illuminated surface is:

W 600 mm x H 800 mm

8

LED Wallwasher

Room height < 3 m
LED mini Wallwasher 34 mm

Room height > 3 m
LED midi Wallwasher 60 mm

Light Output
LED mini Wallwasher 34 mm:
up to 600 lm
LED midi Wallwasher 60 mm:
up to 600 lm

9

LEDline

Beam angles
Lambert light distribution

Light Output
up to 750 lm



10

LEDray

Beam angles
50° x 20°

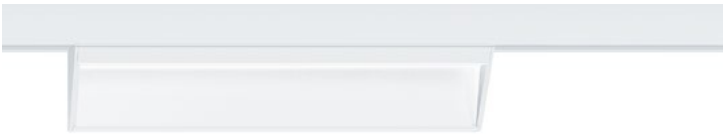
Light Output
up to 1300 lm

Illuminating vertical surfaces



Subtle: the even wall illumination has a calming effect.

SUPERSYSTEM II Lighting Solution

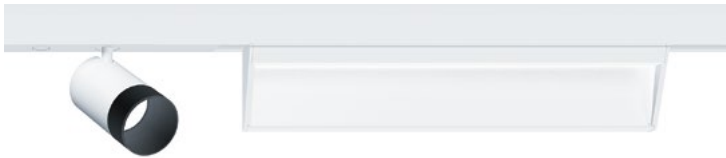


LED midi Wallwasher 60 mm
11 W | 3000 K

The use of wallwashers without additional accentuation delivers a very even result. The walls are evenly illuminated.



Moderate: the gentle accent lighting has a balancing effect.



LED midi Spotlight D45
8 W | 3000 K

Light control foils:
Superspot, Spot,
Flood, Wideflood

LED midi Wallwasher 60 mm
11 W | 3000 K
dimmed to 60 %

The soft cone of light creates only minimal contrast on the discreetly and homogeneously illuminated wall. Precise accentuation and straightforward design form a pleasant unit.



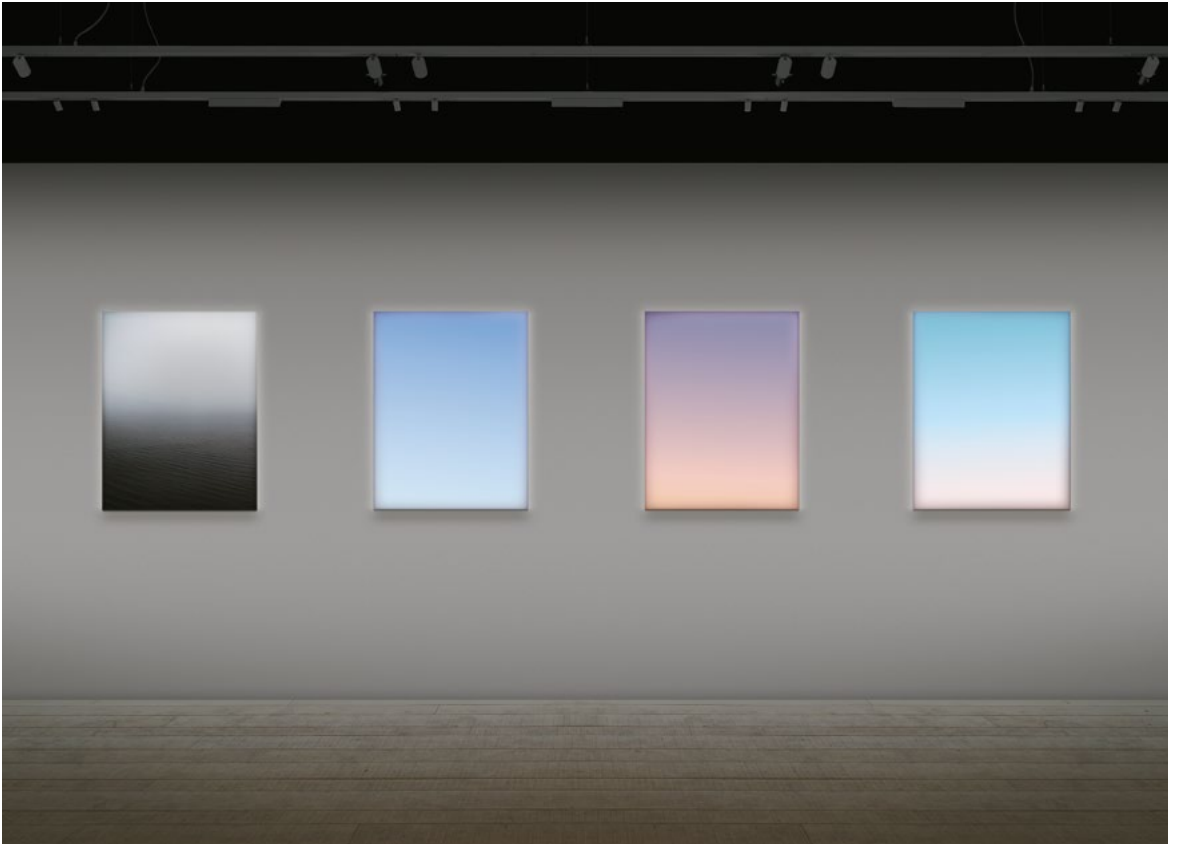
Significant: a neutral-white, contrast-rich accentuation has a stimulating effect.



LED midi Spotlight D45
8 W | 4000 K

Light control foils:
Superspot, Spot,
Flood, Wideflood

Without illuminating the wall, the result of strong accent lighting with soft contours is clearly visible.



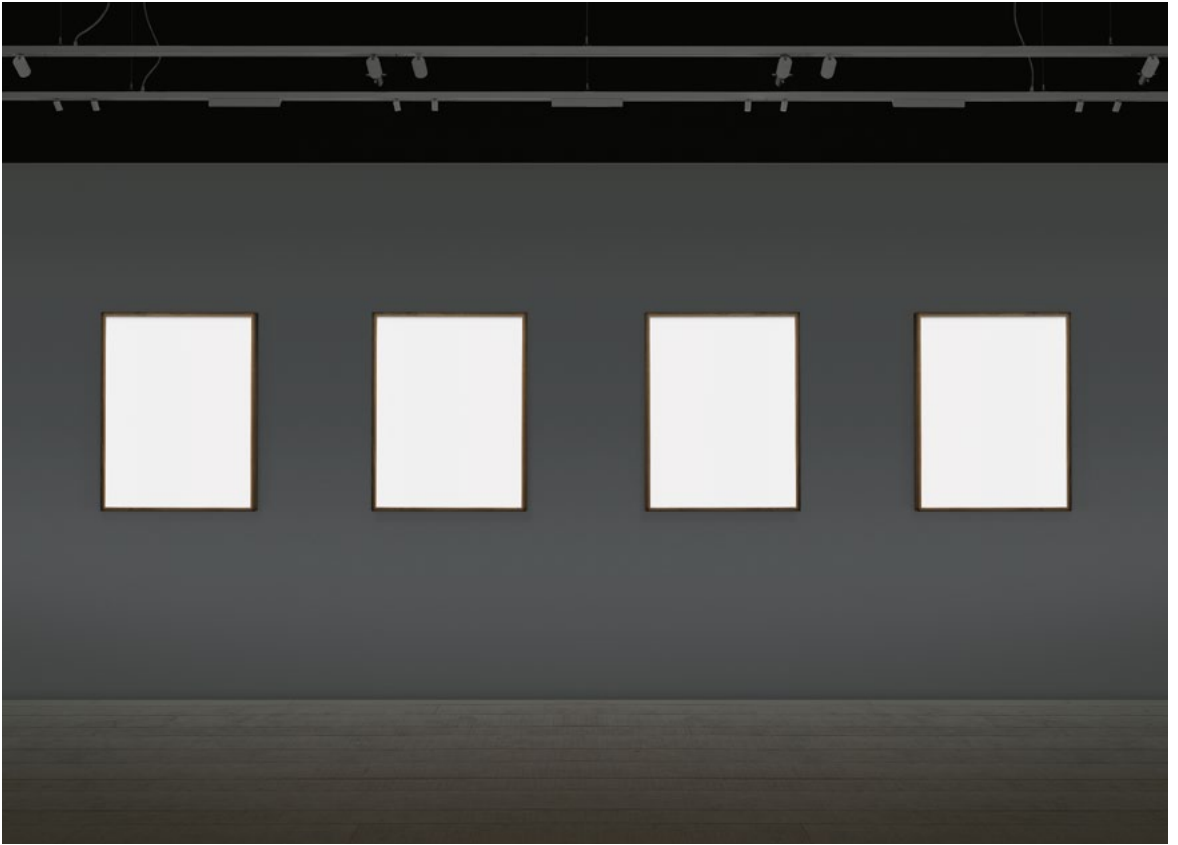
Powerful: contrast-rich contour lighting achieves enticing impulses.



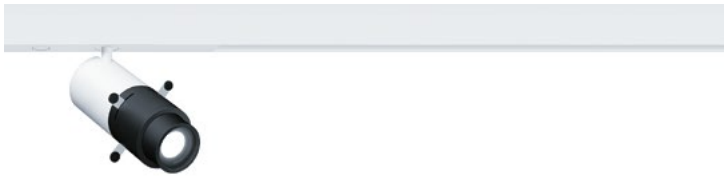
LED midi Framing
Spotlight D45
8 W | 3000 K

LED mini Wallwasher 34 mm
11 W | 3000 K
dimmed to 30 %

The precisely illuminated pictures stand out clearly from the wall. The reasons for this lie in a sharp-angled contour and very even accent lighting, as well as in homogeneous and light wall illumination.

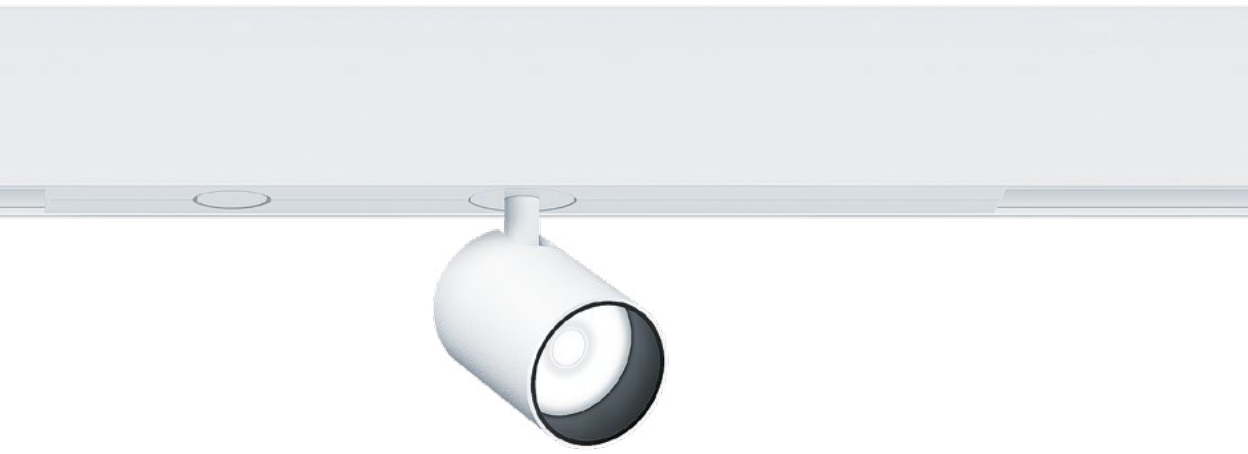


Striking: warm white, perfectly framed, centre-stage.



LED midi Framing
Spotlight D45
8 W | 3000 K

Precisely illuminated pictures really stand out. The background fades to insignificance. The Framing Spotlight draws a clear line of visual separation.





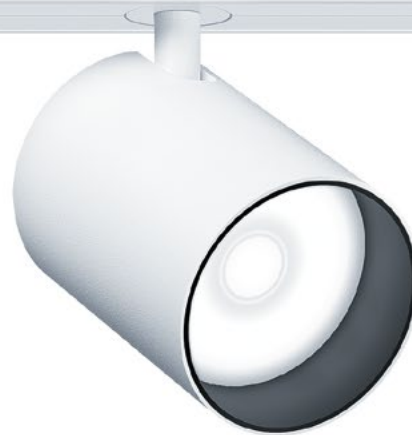
SUPERSYSTEM II

Accent lighting made to measure

SUPERSYSTEM II LED mini Spotlight



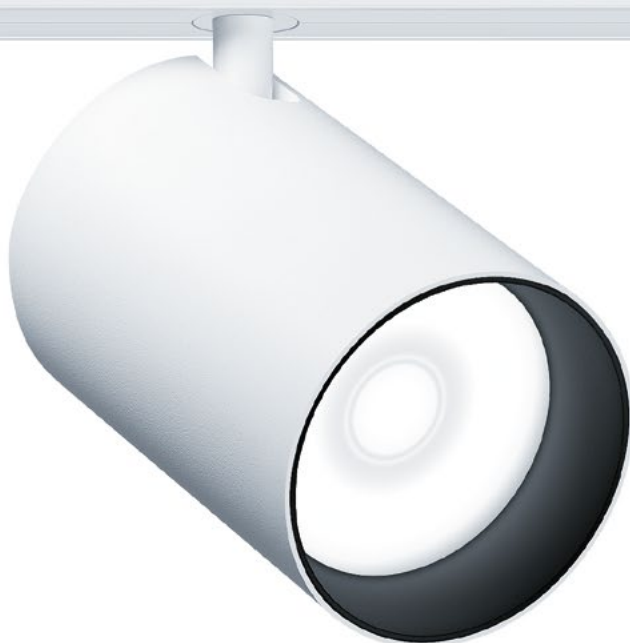
LED midi Spotlight



LED spotlight

The multi-functional SUPERSYSTEM II lighting tool has been perfected for pinpoint accent lighting: miniature spotlights of 25 mm, 45 mm, and 65 mm diameters, light outputs up to 1200 lumens and three colour temperatures. The beam angle lens in the front ring can be swapped out, so the rotationally symmetrical light distribution can be changed all the way from 7° superspot to 40° wideflood and even oval-shaped. The precisely balanced combination of LED chip, primary glass lens and secondary lens film ensure even lighting without any light scatter. Highest light quality is achieved by combining excellent colour rendering $R_a > 92$ and extremely closely colour matched LEDs (SDCM2). Regardless of how you install them, the sophisticated and stylish mini, midi and maxi spotlights are always capable of being dimmed, whether using DALI or the inbuilt dimmer dial in each luminaire.

LED maxi Spotlight

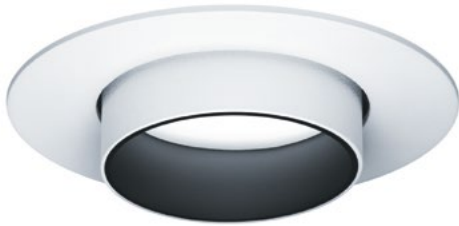


	SUPERSYSTEM II LED mini Spotlight D26	SUPERSYSTEM II LED midi Spotlight D45	SUPERSYSTEM II LED maxi Spotlight D65
Spotlight size	Ø 26 mm Ideal mounting height: 2.5 m to 3 m Ideal distance to object: 1 m to 2 m	Ø 45 mm Ideal mounting height: 3 m to 4 m Ideal distance to object: 2 m to 3 m	Ø 65 mm Ideal mounting height: more than 4 m Ideal distance to object: more than 3 m
Spotlight Rating	LED 3 W and 5 W (replaces Halogen 20 W)	LED 8 W (replaces Halogen 20-35 W)	LED 15 W and 22 W (replaces Halogen 35-50 W and HIT 20 W)
Colour temperature	2700 K, 3000 K, 4000 K SDCM2	2700 K, 3000 K, 4000 K SDCM2	2700 K, 3000 K, 4000 K SDCM2
Colour rendering and Binning	up to Ra > 92	up to Ra > 92	up to Ra > 92
Luminous flux	up to 350 lm	up to 550 lm	900 lm up to 1250 lm
Beam angles	Superspot 10°, Spot 20° Flood 32°, Wideflood 57°	Superspot 8°, Spot 20°, Flood 34°, Wideflood 57°	Superspot 8°, Spot 13°/18°, Flood 29°, Wideflood 54°
Control	dimnable DALI, Integrated dimmer dial on spotlight	dimnable DALI, Integrated dimmer dial on spotlight	dimnable DALI, Integrated dimmer dial on spotlight
Accessory	Anti-glare ring, Louvre ring, Spill light control rings	Anti-glare ring, Louvre ring, Spill light control rings	Anti-glare ring, Louvre ring, Spill light control rings

SUPERSYSTEM II

Highly flexible accent lighting

SUPERSYSTEM II LED built-in spotlight midi downlight position



partly tilted out



LED downlight and built-in spotlight

In addition to the benefits of a track spotlight – from the flexible orientation to the high lighting quality, to the application-specific illuminance – the built-in spotlight also scores points for its reduced ceiling appearance. Depending on the different varieties of casing, the spotlight has a wide movement range and can be completely tilted inwards and outwards. Three spotlight sizes, as well as assembly options with and without a frame, ensure that this lighting tool has perfect creative freedom, covering a wide spectrum of areas of use.

completely tilted out



	Mini LED downlight and LED built-in spotlight D26	Midi LED built-in spotlight D45	Maxi LED built-in spotlight D65
Spotlight size	Ø 26 mm, with frame Ideal mounting height: 2.5 m to 3 m Ideal distance to object: 1 m to 2 m	Ø 45 mm, with or without frame Ideal mounting height: 3 m to 4 m Ideal distance to object: 2 m to 3 m	Ø 65 mm, with frame Ideal mounting height: more than 4 m Ideal distance to object: more than 3 m
Spotlight Rating	LED 3 W and 5 W (replaces Halogen 20 W)	LED 8 W (replaces Halogen 20-35 W)	LED 15 W and 22 W (replaces Halogen 35-50 W and HIT 20 W)
Colour temperature	2700 K, 3000 K, 4000 K SDCM2	2700 K, 3000 K, 4000 K SDCM2	2700 K, 3000 K, 4000 K SDCM2
Colour rendering and Binning	up to Ra > 92	up to Ra > 92	up to Ra > 92
Luminous flux	up to 350 lm	up to 550 lm	up to 900 lm or 1250 lm
Beam angles	Superspot 10°, Spot 20° Flood 32°, Wideflood 57°	Superspot 8°, Spot 20°, Flood 34°, Wideflood 57°	Superspot 8°, Spot 13°/18°, Flood 29°, Wideflood 54°
Control	dimnable DALI	dimnable DALI	dimnable DALI
Accessory	Anti-glare ring, Louvre ring, Spill light control rings	Anti-glare ring, Louvre ring, Spill light control rings	Anti-glare ring, Louvre ring, Spill light control rings

SUPERSYSTEM II

Spotlight Accessories

SUPERSYSTEM II LED midi Spotlight



U-rail

1 Primary Lenses**mini Ø 26 mm**

3 W to 5 W
150 lm to 350 lm
10° to 57° + oval

midi Ø 45 mm

8 W
550 lm
8° to 57° + oval
Framing lens

maxi Ø 65 mm

15 W to 22 W
900 lm to 1250 lm
8° to 54° + oval
Framing lens

2 Oval beam

Secondary light control films made of plastic can be inserted into the front ring to change the beam angle and shape according to your requirements.

E.g. midi Spotlight D45:

Beam angle 63° x 19° or 67° x 40°

3 Anti-glare ring

The lengthened front ring limits glare by shielding the lightsource from sideways viewing.

4 Louvre ring

The Louvre ring help eliminate glare and keep the beam angle as narrow as possible on superspot models.



SUPERSYSTEM II

Perfectly framed accent lighting

SUPERSYSTEM II LED midi Framing Spotlight



Framing Spotlight Applications

Focussing lens | Framing cover

The size of the cone of light can be seamlessly adjusted using the focus lens. Framing covers can then be used to shape the light distribution - perfect for illuminating angular exhibits with defined edges.

LED Framing Spotlight

LED spotlights with square light distributions and lenses that can be focussed are designed to deliver clear and defined accent lighting. Objects are evenly and precisely illuminated, creating clear contrasts that make exhibits a visual highlight in applications such as museums and galleries. Two sizes are offered for task-specific solutions. The maxi framing spotlight can be fixed firmly by recessed screws and a heavy-load adapter in both 3-phase and low-voltage tracks. The improved optics also provide more light with better uniformity and higher efficiency, while sharpness and blurring can be accurately regulated by focusing and defocusing.

LED maxi Framing Spotlight with heavy-duty adapter



	LED Framing Spotlight midi D45	LED Framing Spotlight maxi D65 with heavy-duty adapter or adapter for 3-phase track
Spotlight sizes	Ø 45 mm	Ø 65 mm
Spotlight rating	LED 8 W (replaces Halogen 20-35 W)	LED 14 W (replaces Halogen 35-50 W and HIT 20 W)
Illuminated area at the maximum opening (installation height 3 m, at a distance of 1.5 m)	600 mm x 800 mm (width x height) up to 150 lx	600 mm x 800 mm (width x height) up to 250 lx
Colour temperature	2700 K, 3000 K and 4000 K	2700 K, 3000 K and 4000 K
Colour rendering	up to Ra > 92	up to Ra > 92
Control	dimnable DALI, integrated dimmer dial	dimnable DALI, integrated dimmer dial

SUPERSYSTEM II

Vertical and horizontal wall mounting



St. Severin Parish Church, Cologne | DE

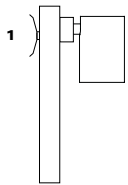
Owner/coordination: Historical Archives of the Cologne Archdiocese | DE

Lighting design: atelier deLuxe, Offenbach | DE

Fixed positioning in a track mounted vertically and horizontally on the wall helps SUPERSYSTEM increase the creative scope of the entire lighting system.

Anti-slip spring

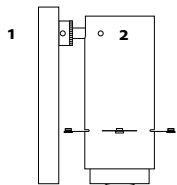
A simple quick-click metal spring stops the adapter slipping under the weight of small and medium loads - and remains hidden when assembly is complete.



- 1 The adapter with a clicked-in anti-slip spring is positioned in the track in the usual way.

Heavy-load adapter for a low-voltage track

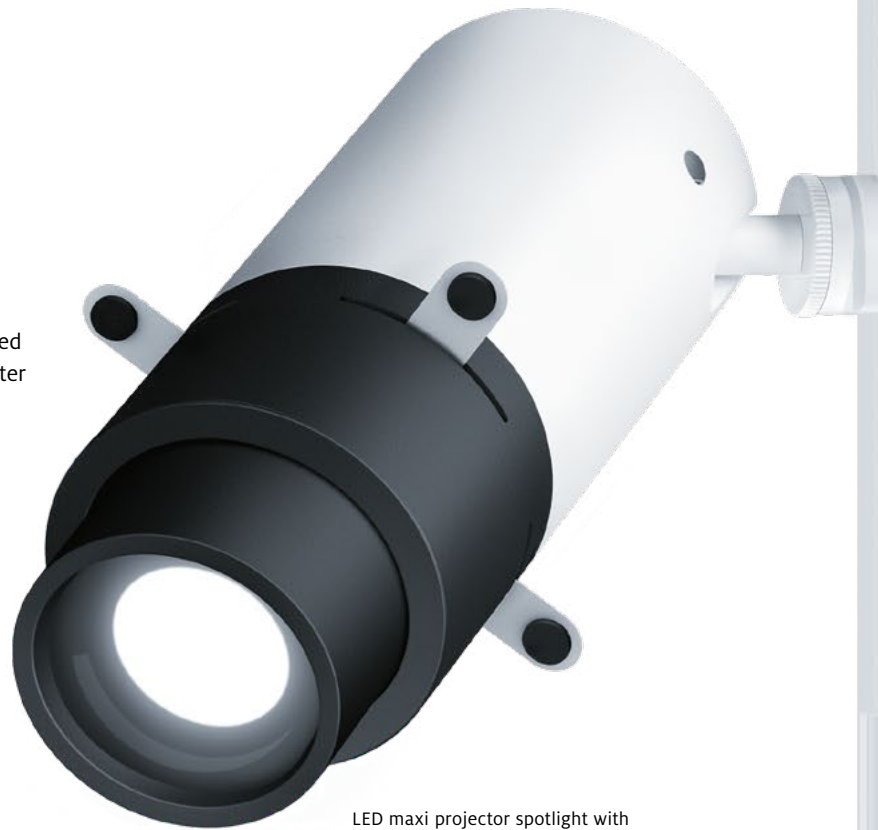
Maxi spotlights and projection spotlights are secured perfectly with a heavy-load adapter. Both the adapter and the rotation and pivot angles can be precisely locked in any position, guaranteeing an optimum solution for every application.



- 1 A screw and the lock nut fix the swivel joint and the adapter in the track.
- 2 An additional screw locks the rotation joint of the luminaire.



SUPERSYSTEM II LED midi spotlight with anti-slip spring



LED maxi projector spotlight with heavy-load adapter

SUPERSYSTEM II

Uniform wall illumination

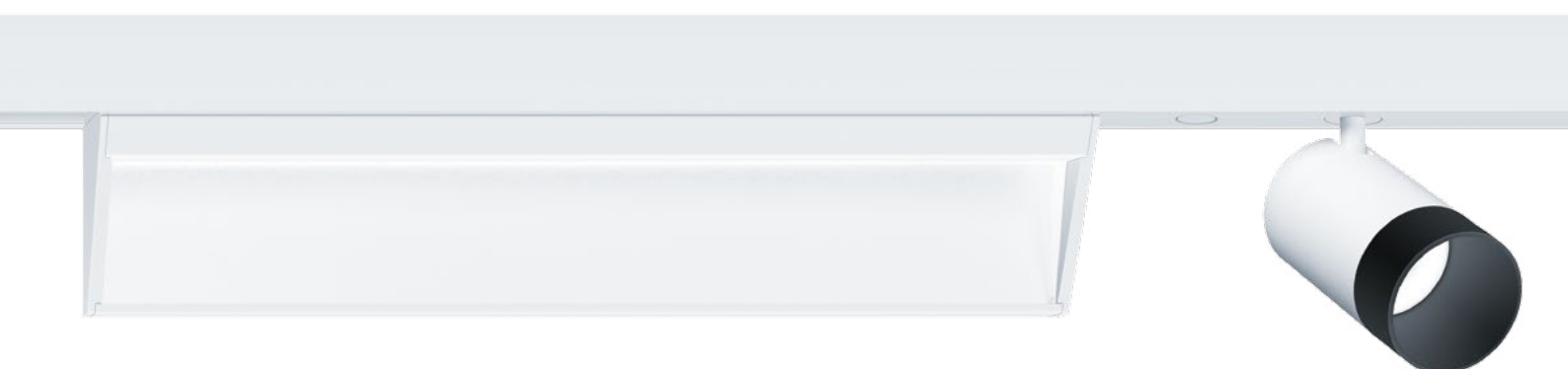
< 3 m mounting height: mini system

SUPERSYSTEM II LED mini Spotlight



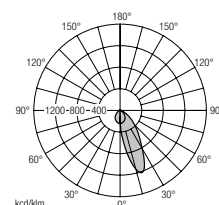
> 3 m mounting height: midi System

SUPERSYSTEM II LED midi Spotlight



LED Wallwasher

The deliberate illumination of vertical surfaces is gaining ever more significance in terms of creating pleasant room atmospheres. The slim, 60 mm high LED midi Wallwasher confronts this task head-on, even with mounting heights of over 3 m. The LED mini wallwasher, a marvel in miniature, is perfect for illuminating walls up to 200 lux at a 3 m mounting height. Midi and mini both achieve excellent performance by using the latest LEDs and optics. Stable colour temperatures and excellent glare control are a given and they are perfectly suited to highlighting flat objects in museums, galleries and exhibitions.



SUPERSYSTEM II
LED mini/midi Wallwasher
1/11 W LED

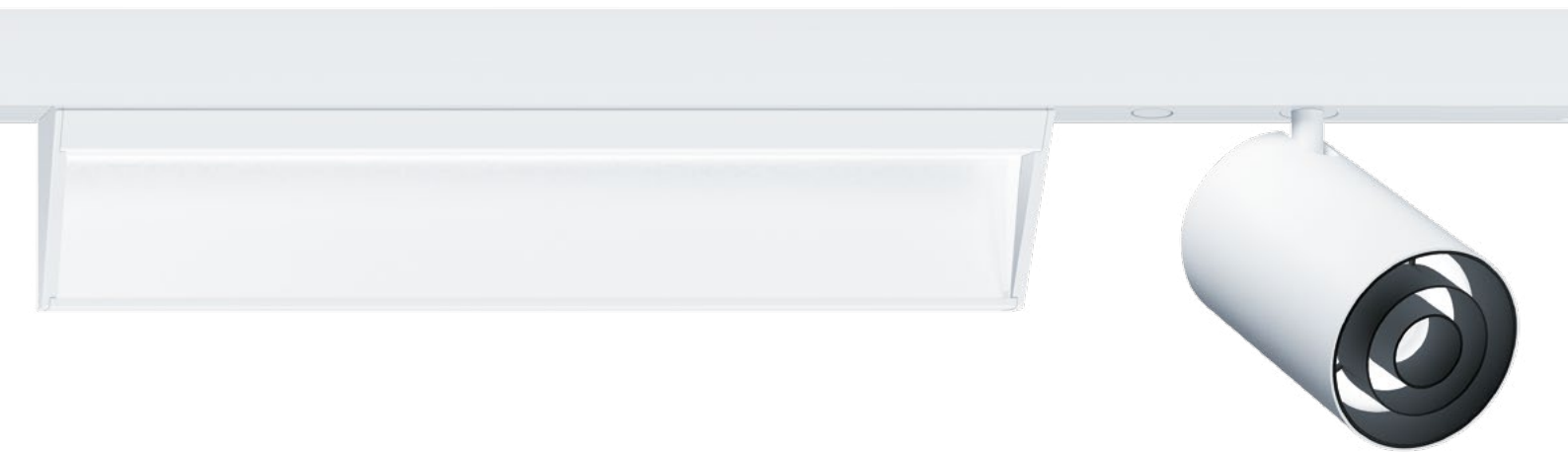
LED mini Wallwasher

LED mini Spotlight



LED midi Wallwasher

LED maxi Spotlight

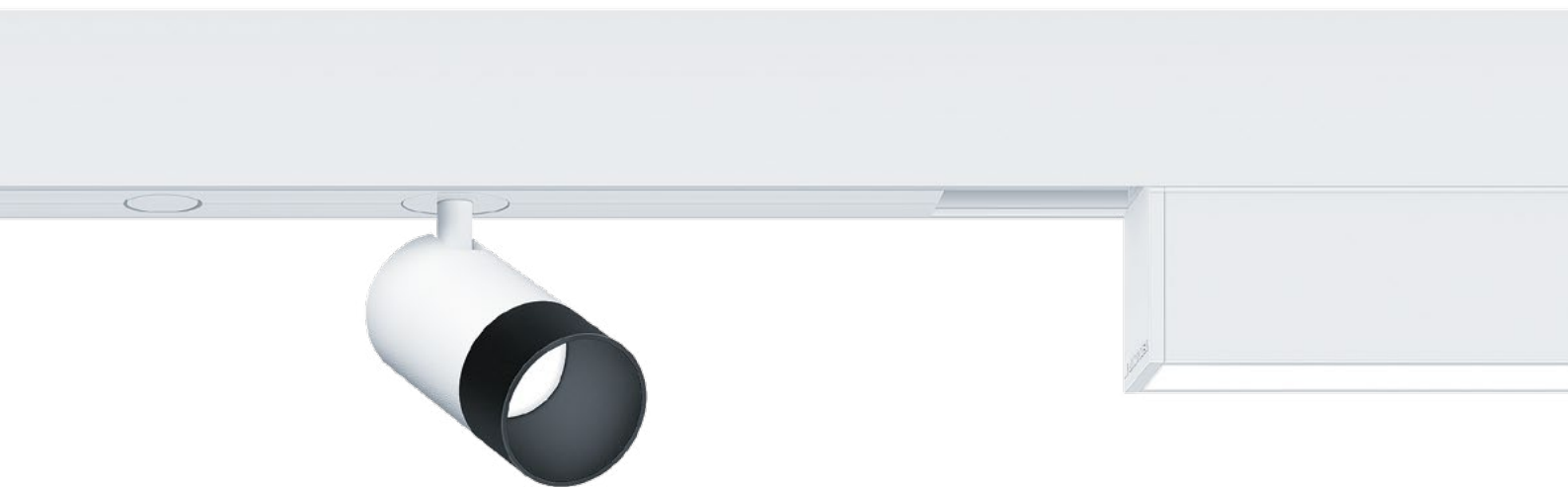


	LED mini Wallwasher	LED midi Wallwasher
Dimensions	Height 34 mm (ideal for mounting heights up to 3 m)	Height 60 mm (ideal for mounting heights above 3 m)
Luminaire rating	LED 11 W	LED 11 W
Colour temperature	3000 K and 4000 K	3000 K and 4000 K
Colour rendering	Ra > 90	Ra > 90
Luminous flux	up to 600 lm	up to 600 lm
Control	dimnable DALI	dimnable DALI

SUPERSYSTEM II

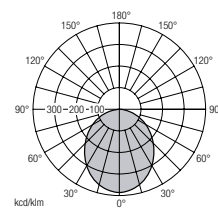
Direct-indirect lighting

SUPERSYSTEM II LED mini Spotlight with anti-glare ring



LEDline

The linear LEDline SUPERSYSTEM insert offers a soft, diffuse light distribution from a luminaire that is just 33 mm high and 600 mm long, and which integrates seamlessly with the extruded rail, creating an elegant narrow band. LEDline is available in direct, indirect, or combined light distribution versions with light outputs up to 750 lumens and is perfectly suited to general lighting by making use of a highly efficient extruded diffuser for precise light control.



SUPERSYSTEM II LEDline
1/11 W LED

LEDline



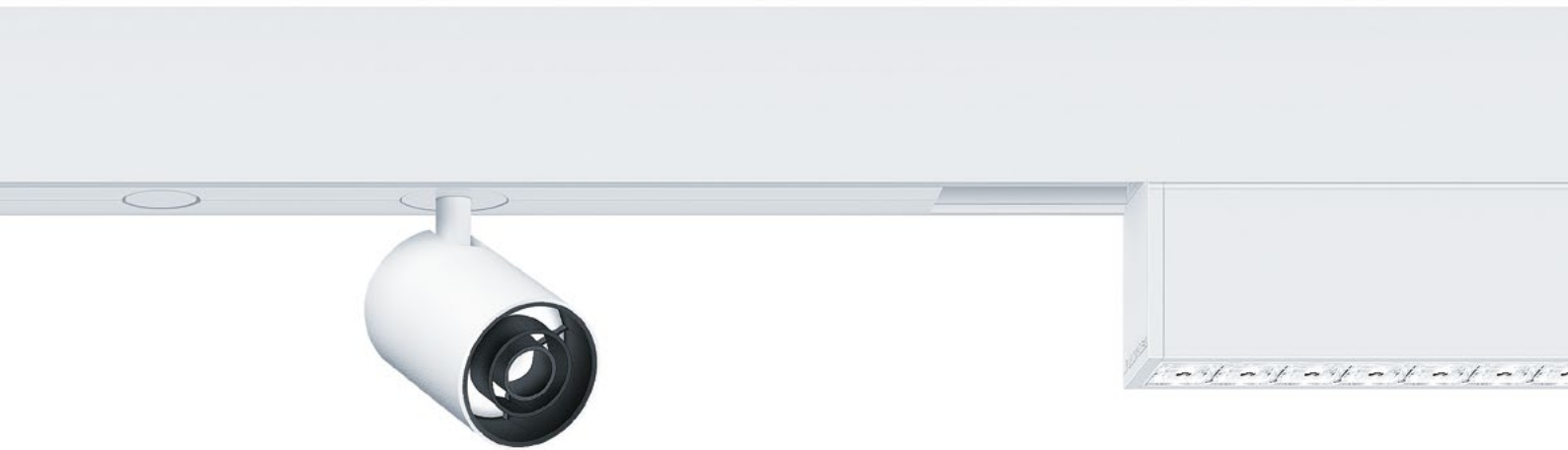
	LEDline
Dimensions	Length: 600 mm
Luminaire rating	11 W
Colour temperature	3000 K und 4000 K
Colour rendering	Ra > 80
Luminous flux	up to 750 lm
Control	dimnable DALI

SUPERSYSTEM II LEDline on H-rail
for direct and indirect lighting

SUPERSYSTEM II

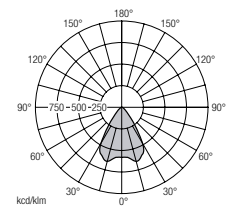
Best glare-free workspace lighting

SUPERSYSTEM II LED mini Spotlight with louvre ring



LEDray advancedOptics

The linear LEDray LED lighting insert delivers up to 1300 lumens, whilst managing luminaire brightness and glare to achieve $L65 < 3000 \text{ cd/m}^2$ and a UGR rating of $t < 22$. These outstanding qualities are achieved by the use of miniaturised, highly efficient advanced lens technologies, which also ensures an symmetrical light distribution. The multi-functional SUPERSYSTEM II LEDray insert is destined for office lighting in line with EN 12464-1, but is also ready to light up sales counters in show rooms or museums, as well as communication zones.



SUPERSYSTEM II LEDray
1/11 W LED

LEDray



LEDray	
Dimensions	Length: 600 mm
Luminaire rating	11 W
Colour temperature	3000 K and 4000 K
Rendition	Ra > 80
Luminous flux	up to 1300 lm
Control	switchable, dimmable DALI

SUPERSYSTEM II

Miniaturisation of a miniaturer

The sophisticated appearance of the multi-functional SUPERSYSTEM II lighting tool is not just down to the miniaturisation of the lighting inserts. By separating the space-heavy AC/DC component of the converter from the smaller DC/DC component, the luminaires, including the DC/DC component, are miniaturised. The AC/DC component can be mounted directly onto the rail, surface on the ceiling, or completely concealed in a ceiling void. This convertor feeds 48 V of direct current into the rail. Lighting inserts are simply clicked in place in the rail and are plug & play in the blink of an eye.

Assembly and built-in

1 Ceiling recessed (concealed) assembly

LED driver
(AC/DC mains adapter)

Extruded Rail 48 V DC

2 Ceiling recessed (concealed) built-in

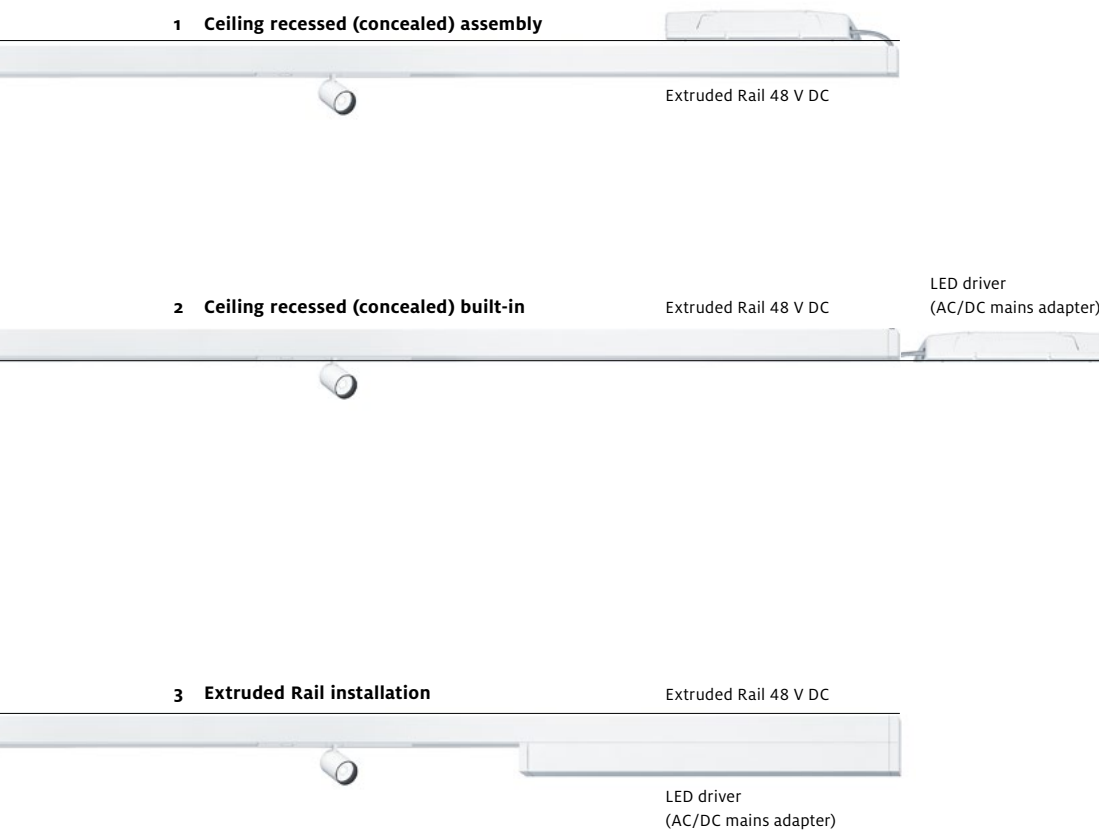
Extruded Rail 48 V DC

LED driver
(AC/DC mains adapter)

3 Extruded Rail installation

Extruded Rail 48 V DC

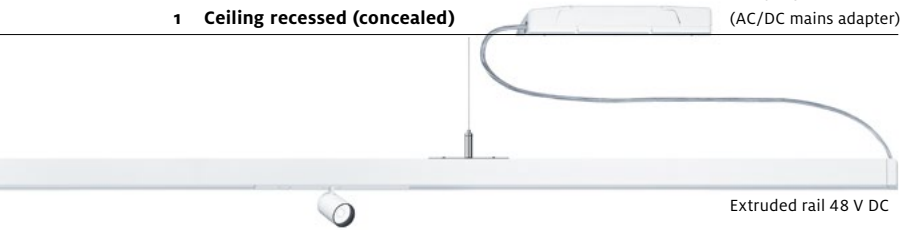
LED driver
(AC/DC mains adapter)



Suspended Rail

1 Ceiling recessed (concealed)

LED driver
(AC/DC mains adapter)



2 Surface installation

LED driver
(AC/DC mains adapter)



3 Extruded rail installation

Extruded rail 48 V DC

LED driver
(AC/DC mains adapter)



SUPERSYSTEM II

Just one LED driver for several luminaires

An AC/DC converter - regardless of whether installed on the extruded rail, surface mounted, or completely concealed recessed mounted - provides multiple LED lighting inserts with up to 75 W or 150 W power. If the luminaires inserted in the SUPERSYSTEM II lighting tool add up to a higher total power, then these must be split across several drivers.

Installation example 1

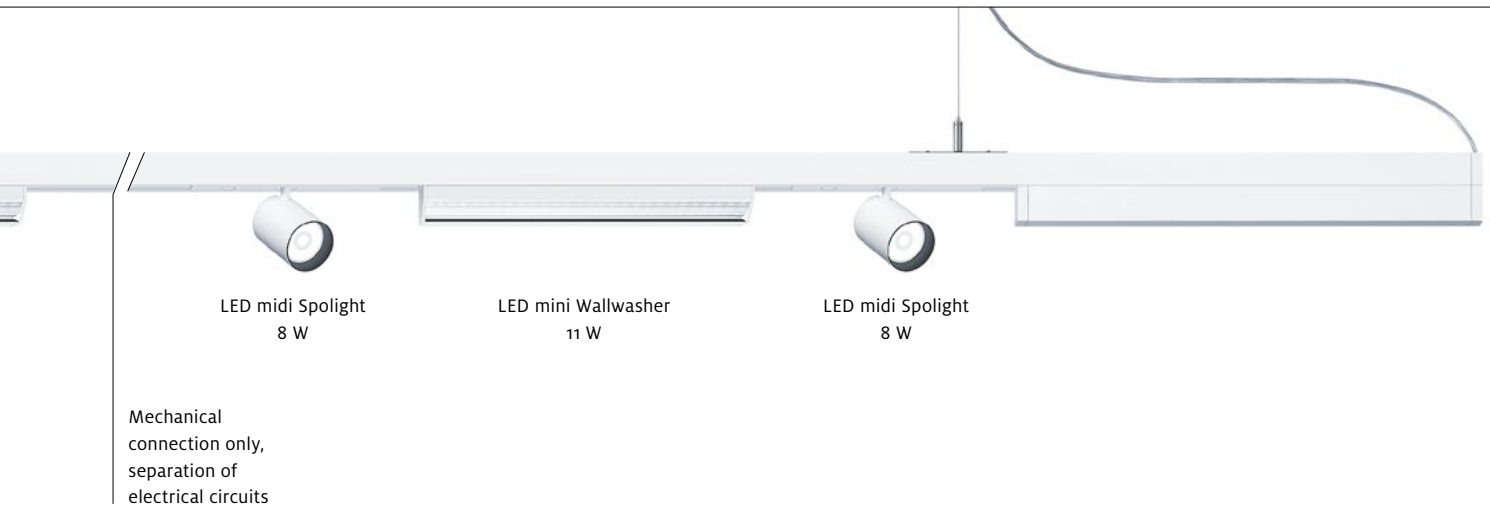


LED driver	Max. lighting units on one DC circuit
75 W (AC/DC)	3 LED midi Spotlights D45 8 W 4 LED mini Wallwashers 11 W ≤ 75 W
150 W (AC/DC)	6 LED midi Spotlights D45 8 W 8 LED mini Wallwashers 11 W ≤ 150 W

Installation example 2



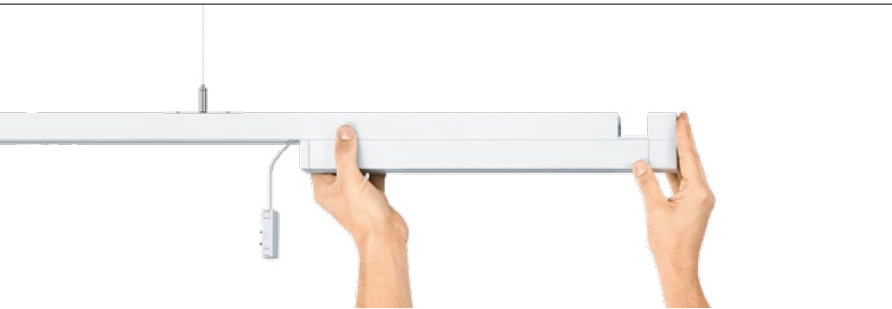
LED driver	Max. lighting units on two DC circuit
2 x 75 W (AC/DC)	7 LED midi Spotlights D45 8 W 8 LED mini Wallwashers 8 W ≤ 150 W
2 x 150 W (AC/DC)	14 LED midi Spotlights D45 8 W 16 LED mini Wallwashers 8 W ≤ 300 W



SUPERSYSTEM II

Intuitively simple installation and operation

1 Slot LED driver (AC/DC mains adapter) into rail



2 Attach LED driver (AC/DC mains adapter) to power supply

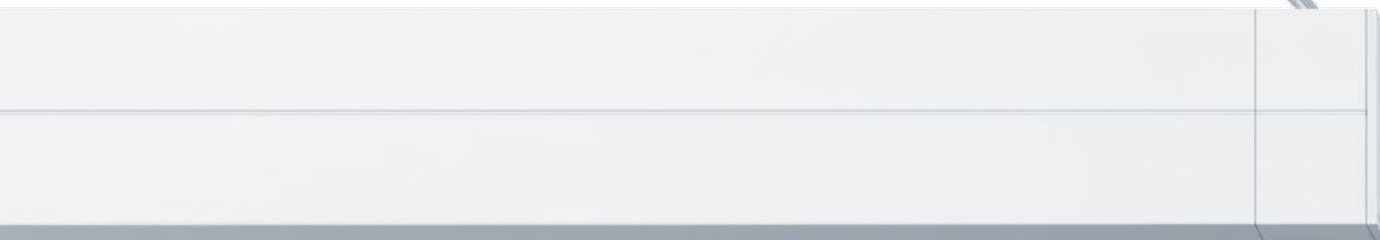


3 Attach LED driver (AC/DC adapter) to rail



4 Position cover panel**5** Push feeder (48 V) into rail

When further developing the multi-functional SUPERSYSTEM II lighting tool, the focus was not just on miniaturisation but also on simple installation. The lighting inserts can be securely attached to the extruded rail with a simple click. Only the AC/DC adapter requires a separate electrical connection.

6 Click light module into rail

SUPERSYSTEM II

For the renewal of track systems

On the 3-phase track: SUPERSYSTEM II LED midi wallwasher



Luminaires for high-voltage tracks with 3 phases

Adapted SUPERSYSTEM spotlights and wallwashers can be easily integrated into standard tracks - without any compromise in terms of technical lighting performance. The renewal of a track system is therefore possible with just a few simple steps. The more distinctive appearance of the 3-phase track opens up new opportunities in terms of design, while SUPERSYSTEM also offers exactly the right dimensions for high exhibition spaces and sales areas.

LED midi wallwasher for 3-phase tracks

Dimensions	Height 85 mm (ideal for room heights of over 3 m)
Luminaire rating	LED 13 W
Colour temperature	3000 K and 4000 K
Colour rendering	Ra > 90
Luminous flux	up to 700 lm
Control	dimnable DALI

LED midi Spotlight



	LED midi Spotlight D45 for 3-phase tracks	LED maxi Spotlight D65 for 3-phase tracks	LED Framing Spotlight maxi D65 for 3-phase tracks
Spotlight size	Ø 45 mm Ideal mounting height: 3 m to 4 m Ideal distance to object: 2 m to 3 m	Ø 65 mm Ideal mounting height: more than 4 m Ideal distance to object: more than 3 m	Ø 65 mm
Spotlight Rating	LED 9 W (replaces Halogen 20-35 W)	LED 14 W to 22 W (replaces Halogen 35-50 W and HIT 20 W)	LED 14 W (replaces Halogen 35-50 W and HIT 20 W)
Colour temperature	2700 K, 3000 K, 4000 K SDCM2	2700 K, 3000 K, 4000 K SDCM2	2700 K, 3000 K und 4000 K
Colour rendering and Binning	up to Ra > 92	up to Ra > 92	up to Ra > 92
Luminous flux	up to 550 lm	900 lm up to 1250 lm	For a mounting height of 3 m and distance of 1.5 m the maximum illuminated surface is: W 600 mm x H 800 mm up to 250 lx
Beam angles	Superspot 8°, Spot 20°, Flood 34°, Wideflood 57°	Superspot 8°, Spot 13°/18°, Flood 29°, Wideflood 54°	
Control	dimnable DALI, Integrated dimmer dial on spotlight	dimnable DALI, Integrated dimmer dial on spotlight	dimnable DALI, integrated dimmer dial
Accessory	Anti-glare ring, Louvre ring, Spill light control rings	Anti-glare ring, Louvre ring, Spill light control rings	

Consequent miniaturisation

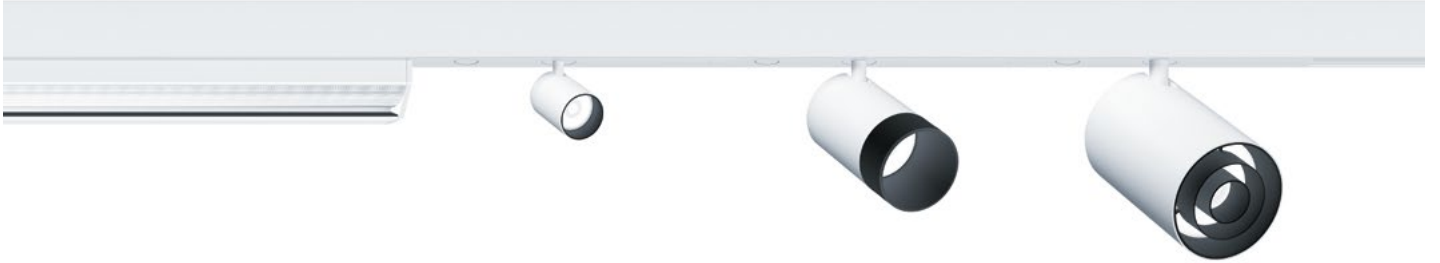
SUPERSYSTEM II stays true to the principle of strict miniaturisation throughout the entire product group. Starting with the minute track, which can be integrated flush with the ceiling, and ending with the filigree spotlight heads, the luminaire is as small as it is attractive.

Multi-functional lighting tool

The multi-functional lighting system takes over the work of both general and accent lighting and horizontal lighting. This is why SUPERSYSTEM II is suitable for a wide variety of fields of application – from shops and retail to museums and galleries, to hotels, restaurants, conference rooms and private areas.

Highly flexible

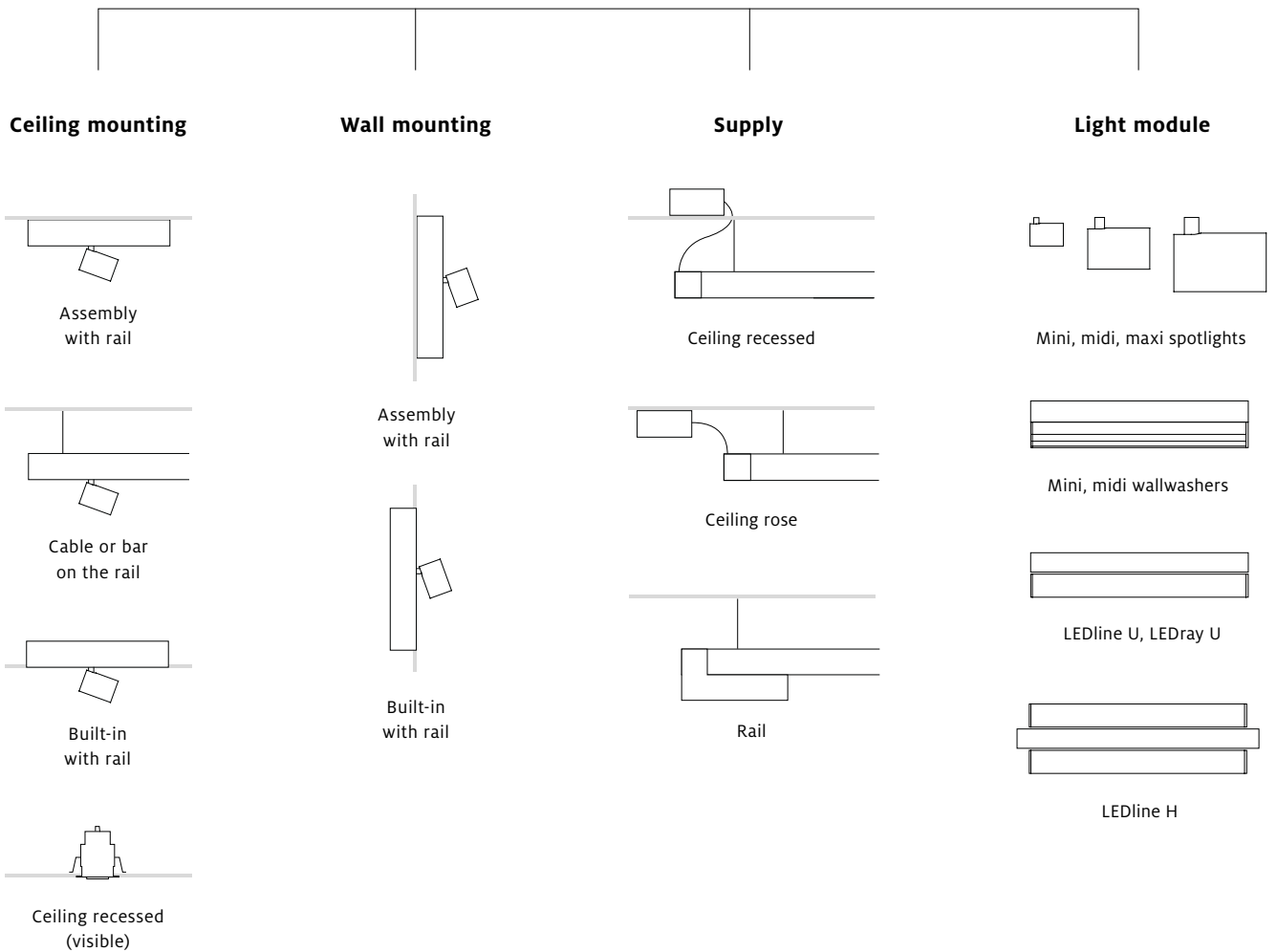
Thanks to a wide range of assembly methods and different frame sizes, SUPERSYSTEM II opens a wide scope of designs – mounted on the track, or flush with the ceiling.



SUPERSYSTEM II

Multi-functional-LED lighting tool

Overview



SUPERSYSTEM II lighting modules for low voltage track

|...| Shared properties SUPERSYSTEM II spotlight

- Equipped with a lens system for high quality accent lighting in museums and exhibition spaces
- Combination of LED PCBs, lenses and films provide uniform light distribution with high intensity and soft transitions, without stray light from the light cone
- Film can be exchanged for other light distribution characteristics from superspot to wideflood, and oval
- Low voltage adapter contains the electronics that converts constant voltage (48 V) to constant current for the luminaire
- Dimming of illuminance via rotary potentiometer or dimmable DALI only
- Optic consists of glass lens and plastic foil
- Lamp unit of diecast aluminium, coated black or white
- Front ring for glare reduction and accommodating films
- Ring louvre or extended glare reduction tube can be exchanged for the front ring and are also for accommodating the films
- Spotlight head rotates through 360°, pivots through 90°
- Colour temperature:
3000 K (LED930: warm white) or
4000 K (LED940: intermediate)
- Colour rendering index: Ra > 90
- Spotlight module must be fixed via an adapter and without tools to the SUPERSYSTEM II low voltage track (48 V)

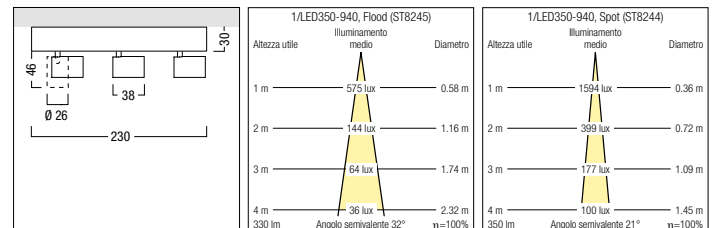
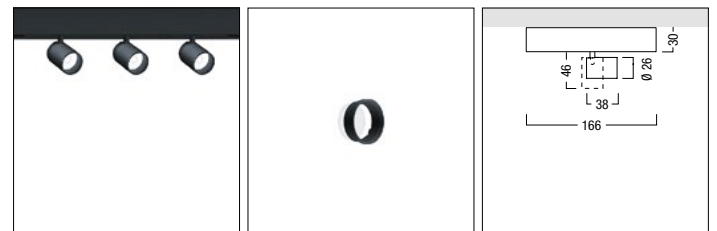
SUPERSYSTEM II lighting modules for low voltage track

SUPERSYSTEM II LED spot Mini (single/triple)



- |...|
- LED spotlight module with one or three LED spotlight units, "mini" construction size
- Service life: 50 000 h at 90 % luminous flux (350 lm) / 70 % luminous flux (100 lm)
- Colour tolerance: SDCM 2 initial, LED PCBs premium-selected
- Luminaire luminous flux up to 145 lm (3.3 W) or 350 lm (5 W) per spotlight unit
- Available as a variant: spotlight colour silver and colour temperature 2700 K

	L	kg	Order no.	Order no.
Spotlight unit, flood (1 LED spot with 48 V low voltage adapter)				
			white	black
1/LED350-930 flood, dimmable Dali only	166	0,1	42 184 341	42 927 533
1/LED350-930 flood, rotary potentiometer	166	0,1	42 927 524	42 927 536
1/LED350-930 wideflood, dimmable Dali only	166	0,1	42 184 342	42 927 535
1/LED350-930 wideflood, rotary potentiometer	166	0,1	42 927 526	42 927 538
1/LED350-940 flood, dimmable Dali only	166	0,1	42 927 527	42 927 539
1/LED350-940 flood, rotary potentiometer	166	0,1	42 927 530	42 927 542
1/LED350-940 wideflood, dimmable Dali only	166	0,1	42 927 529	42 927 541
1/LED350-940 wideflood, rotary potentiometer	166	0,1	42 927 532	42 927 544
Spotlight unit, spot (1 LED spot with 48 V low voltage adapter)				
			white	black
1/LED100-930 superspot, dimmable Dali only	166	0,1	42 184 339	42 927 481
1/LED100-930 superspot, rotary potentiometer	166	0,1	42 927 467	42 927 477
1/LED100-940 superspot, dimmable Dali only	166	0,1	42 927 469	42 927 485
1/LED100-940 superspot, rotary potentiometer	166	0,1	42 927 473	42 927 489
1/LED350-930 spot, dimmable Dali only	166	0,1	42 184 340	42 927 534
1/LED350-930 spot, rotary potentiometer	166	0,1	42 927 525	42 927 537
1/LED350-940 spot, dimmable Dali only	166	0,1	42 927 528	42 927 540
1/LED350-940 spot, rotary potentiometer	166	0,1	42 927 531	42 927 543
Spotlight unit, flood (3 LED spots with 48 V low voltage adapter)				
			white	black
3/LED350-930 flood, dimmable Dali only	230	0,2	42 184 345	42 927 554
3/LED350-930 flood, rotary potentiometer white	230	0,2	42 927 545	42 927 464
3/LED350-930 flood, rotary potentiometer black	230	0,2		
3/LED350-930 flood, rotary potentiometer white	230	0,2	42 184 412	
3/LED350-930 wideflood, dimmable Dali only white	230	0,2	42 184 346	
3/LED350-930 wideflood, dimmable Dali only black	230	0,2	42 927 556	
3/LED350-930 wideflood, rotary potentiometer white	230	0,2	42 927 547	
3/LED350-940 flood, dimmable Dali only black	230	0,2	42 927 557	
3/LED350-940 flood, dimmable Dali only white	230	0,2	42 927 548	
3/LED350-940 flood, rotary potentiometer white	230	0,2	42 927 551	
3/LED350-940 flood, rotary potentiometer black	230	0,2	42 927 560	
3/LED350-940 wideflood, dimmable Dali only white	230	0,2	42 927 550	
3/LED350-940 wideflood, dimmable Dali only black	230	0,2	42 927 559	
3/LED350-940 wideflood, rotary potentiometer black	230	0,2	42 927 562	
3/LED350-940 wideflood, rotary potentiometer white	230	0,2	42 927 553	
Spotlight unit, spot (3 LED spots with 48 V low voltage adapter)				
			white	black
3/LED100-930 superspot, dimmable Dali only	230	0,2	42 184 343	42 927 508
3/LED100-930 superspot, rotary potentiometer	230	0,2	42 927 496	42 927 512
3/LED100-940 superspot, dimmable Dali only	230	0,2	42 927 500	42 927 516
3/LED100-940 superspot, rotary potentiometer	230	0,2	42 927 504	42 927 520
3/LED350-930 spot, dimmable Dali only	230	0,2	42 184 344	42 927 555
3/LED350-930 spot, rotary potentiometer	230	0,2	42 927 546	42 927 463
3/LED350-940 spot, dimmable Dali only	230	0,2	42 927 549	42 927 558
3/LED350-940 spot, rotary potentiometer	230	0,2	42 927 552	42 927 561
Accessory				
anti-glare cylinder, black				22 169 686
Anti-glare ring and film with flood distribution characteristic				22 169 674
Anti-glare ring and film with spot distribution characteristic				22 169 677
Anti-glare ring and film with wideflood distribution characteristic				22 169 671
Anti-glare ring and oval-outline film 1/3				22 169 668
Anti-glare ring and oval-outline film 1/60				22 169 665
Ring louvre (black) and film with Superspot distribution characteristic				22 169 683
Spring fixing with vertical spotlight mounting				
(for standard low voltage adapter 48 V)				60 210 943



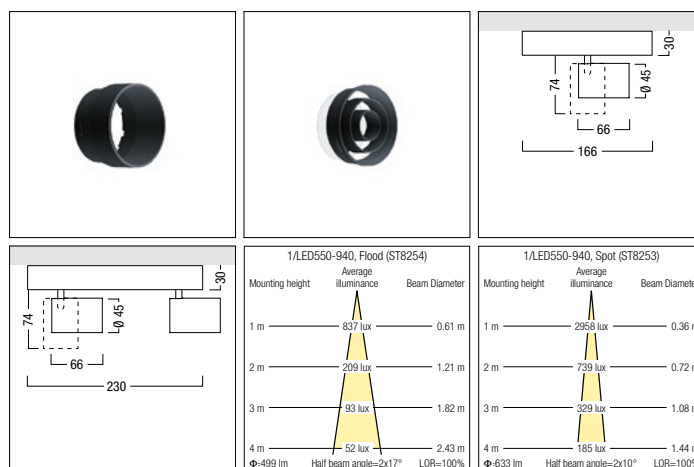
SUPERSYSTEM II lighting modules for low voltage track

SUPERSYSTEM II LED spot Midi (single/twin)



- |...|
- LED spotlight module with one or two LED spotlight units, "midi" construction size
- Service life: 50 000 h at 90 % luminous flux (550 lm) / 80 % luminous flux (250 lm)
- Colour tolerance: SDCM 2 initial, LED PCBs premium-selected
- Luminaire luminous flux up to 630 lm (8.2 W) per spotlight unit
- Available as a variant: spotlight colour silver and colour temperature 2700 K

	L	kg	Order no.	Order no.
Spotlight unit, flood (1 LED spot with 48 V low voltage adapter)				
			white	black
1/LED550-930 flood, dimmable Dali only	166	0,2	42 184 349	42 927 636
1/LED550-930 flood, rotary potentiometer	166	0,2	42 927 627	42 927 639
1/LED550-930 wideflood, dimmable Dali only	166	0,2	42 927 626	42 927 638
1/LED550-930 wideflood, rotary potentiometer	166	0,2	42 927 629	42 927 641
1/LED550-940 flood, dimmable Dali only	166	0,2	42 927 630	42 927 642
1/LED550-940 flood, rotary potentiometer	166	0,2	42 927 633	42 927 645
1/LED550-940 wideflood, dimmable Dali only	166	0,2	42 927 632	42 927 644
1/LED550-940 wideflood, rotary potentiometer	166	0,2	42 927 635	42 927 647
Spotlight unit, spot (1 LED spot with 48 V low voltage adapter)				
			white	black
1/LED250-930 superspot, dimmable Dali only	166	0,2	42 184 347	42 927 578
1/LED250-930 superspot, rotary potentiometer	166	0,2	42 927 566	42 927 582
1/LED250-940 superspot, dimmable Dali only	166	0,2	42 927 570	42 927 586
1/LED250-940 superspot, rotary potentiometer	166	0,2	42 927 574	42 927 590
1/LED550-930 spot, dimmable Dali only	166	0,2	42 927 625	42 927 637
1/LED550-930 spot, rotary potentiometer	166	0,2	42 927 628	42 927 640
1/LED550-940 spot, dimmable Dali only	166	0,2	42 927 631	42 927 643
1/LED550-940 spot, rotary potentiometer	166	0,2	42 927 634	42 927 646
Spotlight unit, flood (2 LED spots with 48 V low voltage adapter)				
			white	black
2/LED550-930 flood, dimmable Dali only	230	0,4	42 184 413	42 927 657
2/LED550-930 flood, rotary potentiometer	230	0,4	42 927 648	42 927 660
2/LED550-930 wideflood, dimmable Dali only	230	0,4	42 184 350	42 927 659
2/LED550-930 wideflood, rotary potentiometer	230	0,4	42 927 650	42 927 662
2/LED550-940 flood, dimmable Dali only	230	0,4	42 927 651	42 927 663
2/LED550-940 flood, rotary potentiometer	230	0,4	42 927 654	42 927 666
2/LED550-940 wideflood, dimmable Dali only	230	0,4	42 927 653	42 927 665
2/LED550-940 wideflood, rotary potentiometer	230	0,4	42 927 656	42 927 668
Spotlight unit, spot (2 LED spots with 48 V low voltage adapter)				
			white	black
2/LED250-930 superspot, dimmable Dali only	230	0,4	42 927 465	42 927 609
2/LED250-930 superspot, rotary potentiometer	230	0,4	42 927 597	42 927 613
2/LED250-940 superspot, dimmable Dali only	230	0,4	42 927 601	42 927 617
2/LED250-940 superspot, rotary potentiometer	230	0,4	42 927 605	42 927 621
2/LED550-930 spot, dimmable Dali only	230	0,4	42 184 348	42 927 658
2/LED550-930 spot, rotary potentiometer	230	0,4	42 927 649	42 927 661
2/LED550-940 spot, dimmable Dali only	230	0,4	42 927 652	42 927 664
2/LED550-940 spot, rotary potentiometer	230	0,4	42 927 655	42 927 667
Accessory				
anti-glare cylinder, black				22 169 685
Anti-glare ring and film with flood distribution characteristic				22 169 673
Anti-glare ring and film with spot distribution characteristic				22 169 676
Anti-glare ring and film with wideflood distribution characteristic				22 169 670
Anti-glare ring and oval-outline film 1/3				22 169 667
Anti-glare ring and oval-outline film 1/60				22 169 664
Clamping jaws (set), black				60 210 948
Clamping jaws (set), silver				60 210 950
Clamping jaws (set), white				60 210 949
Ring louvre (black) and film with Superspot distribution characteristic				22 169 682
Spring fixing with vertical spotlight mounting				
(for standard low voltage adapter 48 V)				60 210 943



SUPERSYSTEM II lighting modules for low voltage track

[...] Shared properties SUPERSYSTEM II Projektion

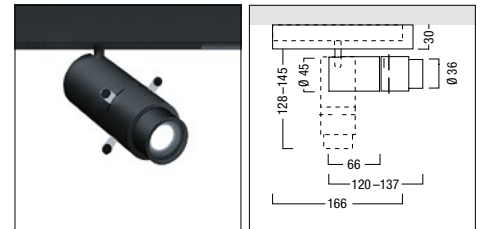
- Equipped with a lens system for high quality accent lighting in museums and exhibition spaces
- Lenses and shield are integrated into spotlight housing to avoid stray light
- Focusing via objective lens
- Low voltage adapter contains the electronics that converts constant voltage (48 V) to constant current for the luminaire
- Dimming of illuminance via rotary potentiometer or dimmable DALI only
- Lenses: polished silicate glass
- Luminaire housing made of die-cast aluminium in black or white painted finish
- Spotlight rotates through 360° and pivots through 90°
- 50 000 h service life at 80 % luminous flux
- Colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: intermediate)
- Colour rendering index: Ra > 90
- Colour tolerance: SDCM 2 initial, LED PCBs premium-selected
- Spotlight module must be fixed via an adapter and without tools to the SUPERSYSTEM II low voltage track (48 V)
- Available as a variant: spotlight colour silver and colour temperature 2700 K

SUPERSYSTEM II LED Projection Midi



- [...]
- LED framing projector, "midi" construction size
- Shield for the crisp, high-contrast, rectangular illumination of minimal surfaces, shield can be completely closed
- Luminaire luminous flux up to 600 lm (8.2 W)

	L	kg	Order no.	Order no.
Spotlight unit, LED projection (with 48 V low voltage adapter)			<i>white</i>	<i>black</i>
LED800-930 , rotary potentiometer	166	0,3	42 927 718	42 927 722
LED800-930 dimmable Dali only	166	0,3	42 184 351	42 927 721
LED800-940 , rotary potentiometer	166	0,3	42 927 720	42 927 724
LED800-940 dimmable Dali only	166	0,3	42 927 719	42 927 723

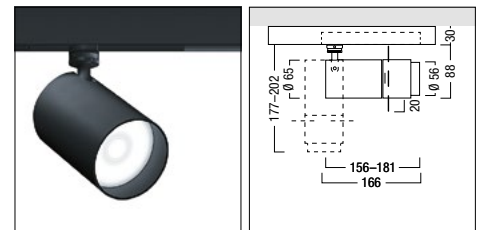


SUPERSYSTEM II LED Projection Maxi



- [...]
- LED framing projector, "maxi" construction size
- Shield for the crisp, high-contrast, rectangular illumination of surfaces
- Luminaire luminous flux up to 750 lm (18 W)
- Low voltage heavy load adapter: horizontal and vertical wall mounting is permissible
- Low voltage heavy load adapter: separate fixing of axes of movement using a tool (included in supply)

	L	kg	Order no.	Order no.
Spotlight unit, LED projection (with 48 V low voltage heavy load adapter)			<i>white</i>	<i>black</i>
LED1000-930 , dimmable Dali only	166	0,8	60 715 053	60 715 051
LED1000-930 , rotary potentiometer	166	0,8	60 715 049	60 715 047
LED1000-940 , dimmable Dali only	166	0,8	60 715 054	60 715 052
LED1000-940 , rotary potentiometer	166	0,8	60 715 050	60 715 048

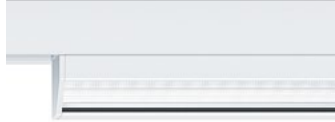


SUPERSYSTEM II lighting modules for low voltage track

[...] Shared properties SUPERSYSTEM II wallwasher

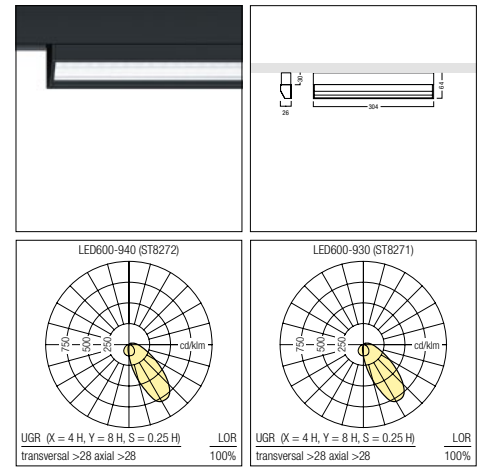
- Excellent glare reduction
- Low voltage adapter contains the electronics that converts constant voltage (48 V) to constant current for the luminaire
- Dimming of illuminance via dimmable DALI only
- Luminaire housing of extruded aluminium, coated black or white
- 50 000 h service life at 80 % luminous flux
- Colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: intermediate)
- Colour rendering index: Ra > 90
- Luminaire luminous flux up to 600 lm (11 W)
- Spotlight module must be fixed via an adapter and without tools to the SUPERSYSTEM II low voltage track (48 V)
- Silver spotlight colour is available as a variant

SUPERSYSTEM II LED wallwasher Mini



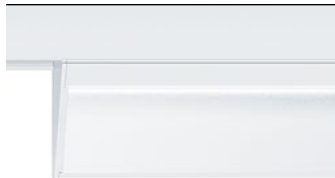
- [...]
- LED linear wallwasher projector, "mini" construction size
- Optimised for homogeneous lighting of vertical wall surfaces to a height of 3 m in exhibition spaces, reception areas, waiting zones and living rooms
- Asymmetric light distribution with soft transition due to special lens of acrylic and plastic foil

	L	kg	Order no.	Order no.
Spotlight unit, LED wallwasher (with 48 V low voltage adapter)			white	black
LED600-930 dimmable Dali only	304	0,4	42 184 360	42 927 733
LED600-940 dimmable Dali only	304	0,4	42 927 732	42 927 734



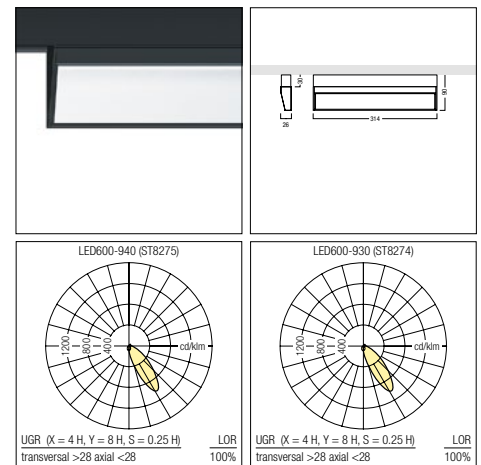
SUPERSYSTEM II lighting modules for low voltage track

SUPERSYSTEM II LED wallwasher Midi



- [...]
- LED linear wallwasher projector, "midi" construction size
- Optimised for homogeneous lighting of vertical wall surfaces to a height of 5 m in museums, exhibition spaces and art galleries
- Asymmetric specular reflector of pure aluminium and foil generate uniform light distribution with a soft transition
- With protective cover of acrylic glass

	L	kg	Order no.	Order no.
Spotlight unit, LED wallwasher (with 48 V low voltage adapter)			white	black
LED600-930 dimmable Dali only	314	0,4	42 184 361	42 927 736
LED600-940 dimmable Dali only	314	0,4	42 927 735	42 927 737

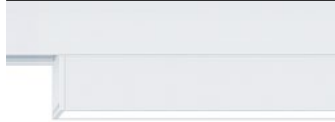


SUPERSYSTEM II lighting modules for low voltage track

[...] Shared properties SUPERSYSTEM II light line

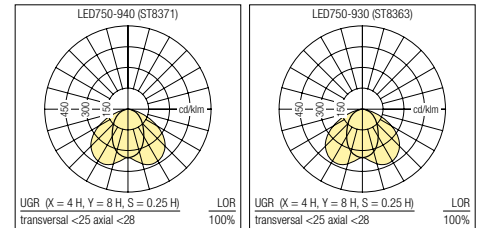
- Low voltage adapter contains the electronics that converts constant voltage (48 V) to constant current for the luminaire
- Dimming of illuminance via dimmable DALI only
- Luminaire housing of extruded aluminium, coated black or white
- 50 000 h service life at 90 % luminous flux
- Colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: intermediate)
- Colour rendering index: Ra > 80
- Spotlight module must be fixed via an adapter and without tools to the SUPERSYSTEM II low voltage track (48 V)
- Possible variant: silver light insert colour with colour temperature 2700 K

SUPERSYSTEM II LEDline



- [...]
- LED light insert optimised for homogeneously illuminated light lines via special diffuser optic (co-extrusion profile)
- Indirect and direct distribution, without lateral light emission
- Luminaire luminous flux up to 750 lm (11 W)

	L	kg	Order no.	Order no.
LED light line (lighting module with 48 V low voltage adapter)			white	black
LED750-830 dimmable Dali only	606	0,4	42 184 362	42 927 739
LED750-840 dimmable Dali only	606	0,4	42 927 738	42 927 740

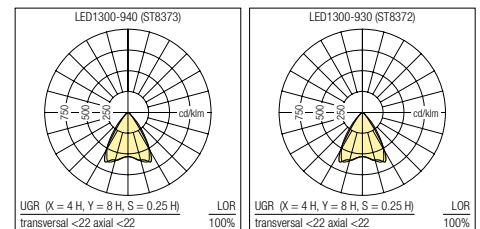


SUPERSYSTEM II LED Advanced Optic



- [...]
- LED light insert with miniaturised high-efficiency lens optic (Advanced Optic), light control directly over the lenses
- Symmetric, direct distribution, without lateral light emission
- Luminaire luminous flux up to 1300 lm (11 W)

	L	kg	Order no.	Order no.
LED light line (lighting module with 48 V low voltage adapter)			white	black
LED1300-830 dimmable Dali only	606	0,7	42 184 363	42 927 742
LED1300-840 dimmable Dali only	606	0,7	42 927 741	42 927 743



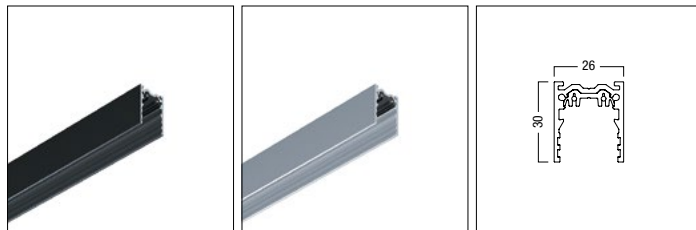
SUPERSYSTEM II low-voltage tracks U-profile

SUPERSYSTEM II low voltage U-profile



- For connecting profiles, connectors and electrical feed
- Low voltage track (48 V) is for accommodating the SUPERSYSTEM II spotlights, light inserts and AC/DC drivers with low voltage adapter (48 V)
- Low voltage adapter flush-fitted in the track profile
- Tool-free fixing of spots, lighting modules and drivers
- Spots and lighting modules (dimmable DALI only) can be singly addressed/controlled via the Powerline signal in the low voltage track
- Material: extruded aluminium, powder-coated black, silver or white
- For installation on ceiling, wall or pendant-mounting
- Track opening can be optionally closed with a cover profile
- Please order electrical feed or cover plates at face ends separately
- Customer can cut to desired length
- Please order set for pendant mounting separately

	kg	Order no.
Low voltage U-profile (length 2 m)		
48 V, black	1,2	22 169 730
48 V, silver	1,2	22 169 728
48 V, white	1,2	22 169 729
Low voltage U-profile (length 3 m)		
48 V, black	1,8	22 169 727
48 V, silver	1,8	22 169 725
48 V, white	1,8	22 169 726
Low voltage U-profile (length 4 m)		
48 V, black	2,4	22 169 724
48 V, silver	2,4	22 169 722
48 V, white	2,4	22 169 723



SUPERSYSTEM II low-voltage tracks U-profile

|...| Shared properties SUPERSYSTEM II connector

- Connector of diecast aluminium
- Polycarbonate cover, coated black, silver or white

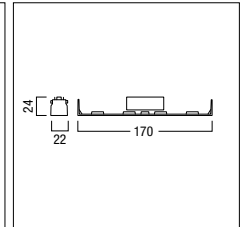
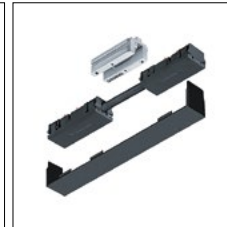
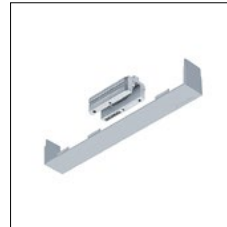
SUPERSYSTEM II low voltage U-profile connector (mechanical)



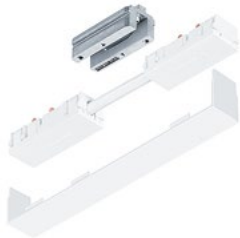
- |...|
- For mechanical connection of two low voltage track profiles
- Low voltage circuits (48 V) remain electrically isolated

Connector

	Order no.
mechanical, black	22 169 693
mechanical, silver	22 169 795
mechanical, white	22 169 794



SUPERSYSTEM II low voltage U-profile connector (electric)



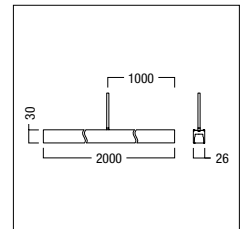
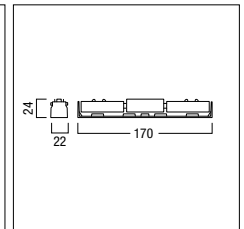
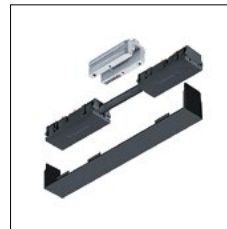
- |...|
- For mechanical and electrical connection of two low voltage track profiles
- Consists of connector, jumper link with contact clips and cover
- Version with infeed: Low voltage track profile including connection cable (48 V)
- Version with infeed: consists of one low voltage track profile 2 m, connection cable 3 m, contact clips and cover

Connector

	kg	Order no.
electric (48 V), black	0,1	22 169 695
electric (48 V), silver	0,1	22 169 788
electric (48 V), white	0,1	22 169 694

Connector with electric feed

electric (48 V), black	1,2	60 210 839
electric (48 V), silver	1,2	60 210 841
electric (48 V), white	1,2	60 210 840



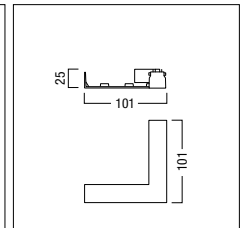
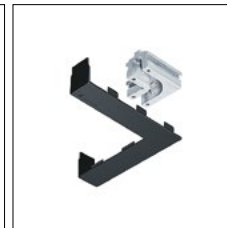
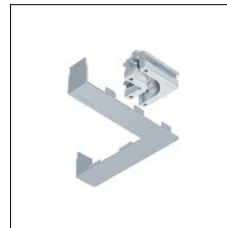
SUPERSYSTEM II low voltage U-profile 90° angle connector (mechanical)



- |...|
- For mechanical (90°) angle connection of two low voltage track profiles
- Application with track feed (48 V) from several sides, e.g. profile structure as rectangle; several low voltage circuits (electrical isolation)

90° angle connector

	Order no.
mechanical, black	22 169 692
mechanical, silver	22 169 797
mechanical, white	22 169 796



SUPERSYSTEM II low-voltage tracks U-profile

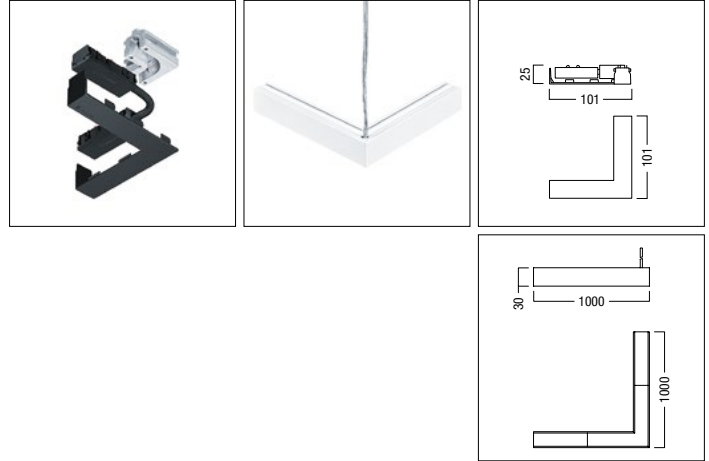
SUPERSYSTEM II low voltage U-profile angle connector 90° (electric)



- [...]
 - For mechanical and electrical (90°) angle connection of two low voltage track profiles
 - Consists of connector, jumper link with contact clips and cover
 - Version with infeed: electrical angle connection (90°) including connection cable (48 V)
 - Version with infeed: consists of 2 low voltage track profiles, each 1 m, steel connector, 3 m connection cable, contact clips and cover

	kg	Order no.
90° angle connector		
electric (48 V), black	0,1	22 169 789
electric (48 V), silver	0,1	22 169 790
electric (48 V), white	0,1	22 169 791

	kg	Order no.
Angle connector 90° with electric feed		
electric (48 V), black	1,4	60 210 833
electric (48 V), silver	1,4	60 210 835
electric (48 V), white	1,4	60 210 834

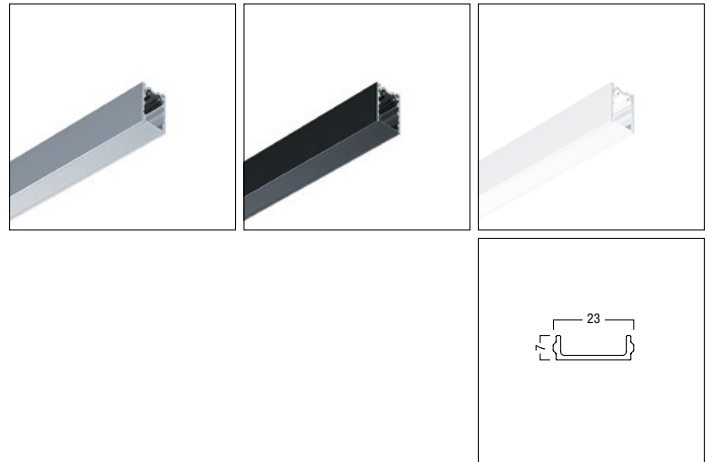


SUPERSYSTEM II U-profile cover



- For sealing the mounting profile aperture
- Material: extruded aluminium, powder-coated black, silver or white
- Customer can cut to desired length
- Special lengths available on request

	kg	Order no.
Cover section		
length 2000 mm, black	0,2	22 169 713
length 2000 mm, silver	0,2	22 169 711
length 2000 mm, white	0,2	22 169 712

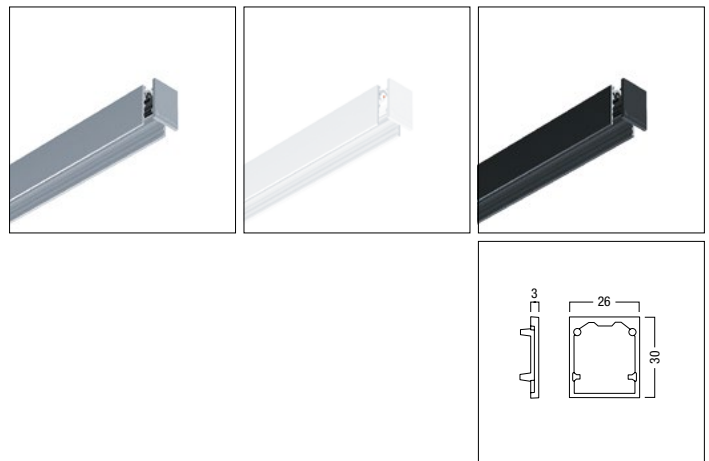


SUPERSYSTEM II U-profile cover plate



- Caps the mounting-section ends
- Cover plate of polycarbonate, black, silver or white
- No-tool installation

	Order no.
Cover plate	
black	22 169 707
silver	22 169 705
white	22 169 706



SUPERSYSTEM II low-voltage tracks U-profile

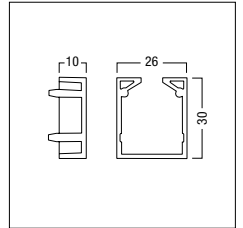
SUPERSYSTEM II U-profile cover plate (electrical feed)



- Cover plate with external power supply (48 V) in the low voltage track, AC/DC driver in the ceiling rose or as device installed in the ceiling
- Cover plate of polycarbonate, black, silver or white
- No-tool installation

Cover plate

	Order no.
electrical feed, black	22 169 701
electrical feed, silver	22 169 699
electrical feed, white	22 169 700



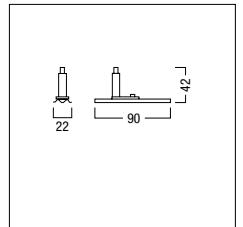
SUPERSYSTEM II U-profile steel cord suspension



- For suspending the low voltage track profile
- Steel cord suspension (set) consists of: white suspension rose, steel cord and patent suspender with bracket for continuous height adjustment
- Steel cord length approx. 2000 mm
- Maximum load: 20 kg
- Push into the grooves in the section
- Steel cord suspension required every 2000 mm

Steel cord suspension

	Order no.
cord suspension (set)	22 169 690
steel cord suspension (set) with eccentric fixture for balancing	22 169 691



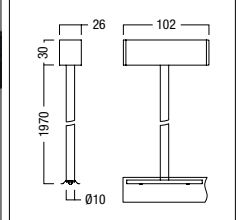
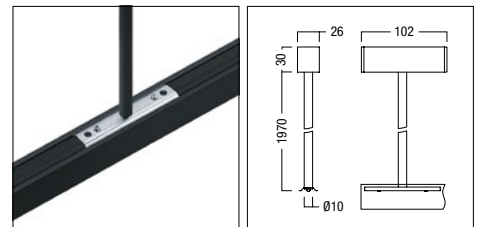
SUPERSYSTEM II U-mounting section pendant tube suspension



- For suspending the low voltage track profile
- Pendant tube suspension (set) consists of: suspension rose and pendant tube in black, silver or white
- Pendant tube length approx. 2000 mm
- Maximum load: 20 kg
- Push into the grooves in the section
- Pendant tube suspension required every 2000 mm

Pendant tube suspension

	kg	Order no.
Pendant tube suspension (set), black	1,0	60 210 827
Pendant tube suspension (set), silver	1,0	60 210 829
Pendant tube suspension (set), white	1,0	60 210 828



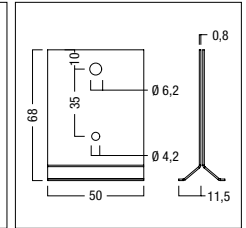
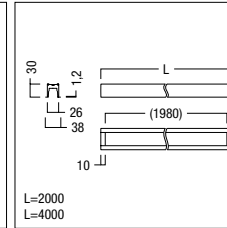
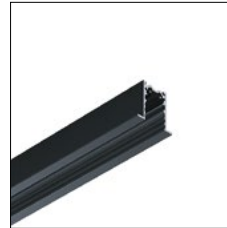
SUPERSYSTEM II low voltage tracks U recessed-mount

SUPERSYSTEM II low voltage U-mounting section with flange



- Low voltage recessed track (48 V) with flange for recessing in ceiling, as supporting element in suspended ceilings
- Accommodates SUPERSYSTEM II spotlights, light inserts with low voltage adapter (48 V)
- For connecting profiles, connectors and electrical feed
- Tool-free mounting of spotlights and light inserts
- Spots and lighting modules (dimmable DALI only) can be singly addressed/controlled via the Powerline signal in the low voltage track
- Material: extruded aluminium profile, powder-coated black or white
- Track opening can be optionally closed with a cover profile
- Please order electrical feed or cover plates at face ends separately
- Customer can cut to desired length
- Please order set for pendant mounting separately (60 210 850)

	kg	Order no.
Low voltage U-profile with flange (length 2 m)		
48 V, black	1,2	60 210 808
48 V, white	1,2	60 210 805
Low voltage U-profile with flange (length 4 m)		
48 V, black	2,4	60 210 810
48 V, white	2,4	60 210 807
Accessory		
Angle jaw set (mounting accessory) for suspending U recessed profiles		60 210 850

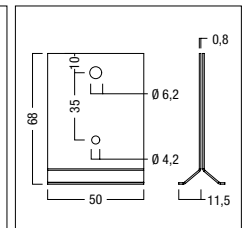
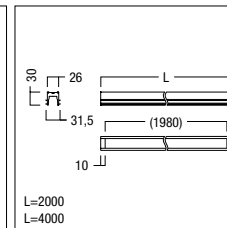
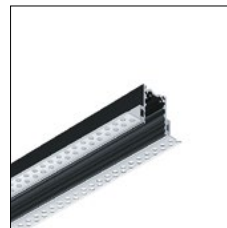


SUPERSYSTEM II low voltage U-mounting section trimless



- Low voltage recessed track (48 V) "trimless" for ceiling-flush installation in ceilings, as plaster profile
- Accommodates SUPERSYSTEM II spotlights, light inserts with low voltage adapter (48 V)
- For connecting profiles, connectors and electrical feed
- Tool-free mounting of spotlights and light inserts
- Spots and lighting modules (dimmable DALI only) can be singly addressed/controlled via the Powerline signal in the low voltage track
- Material: extruded aluminium profile, powder-coated black or white
- Track opening can be optionally closed with a cover profile
- Please order electrical feed or cover plates at face ends separately
- Customer can cut to desired length
- Please order set for pendant mounting separately (60 210 850)

	kg	Order no.
Low voltage U-profile trimless (length 2 m)		
48 V, black	1,3	60 210 814
48 V, white	1,3	60 210 811
Low voltage U-profile trimless (length 4 m)		
48 V, black	2,8	60 210 816
48 V, white	2,8	60 210 813
Accessory		
Angle jaw set (mounting accessory) for suspending U recessed profiles		60 210 850



SUPERSYSTEM II low voltage tracks U recessed-mount

|...| Shared properties SUPERSYSTEM II connector

- Cover of polycarbonate, coated black or white

SUPERSYSTEM II low voltage U-mounting section connector (mechanical)

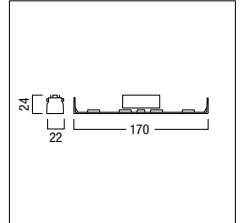
Order no.



- |...|
- For mechanical connection of two low voltage recessed track profiles
- Low voltage circuits (48 V) remain electrically isolated
- Connector of diecast aluminium

Connector

mechanical, black	22 169 693
mechanical, white	22 169 794



SUPERSYSTEM II low voltage U-mounting section connector (electric)

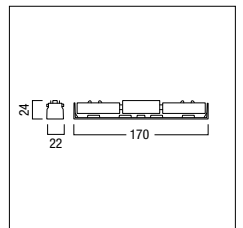
kg Order no.



- |...|
- For mechanical and electrical connection of two low voltage recessed track profiles
- Consists of connector, jumper link with contact clips and cover
- Connector of diecast aluminium

Connector

electric (48 V), black	0,1	22 169 695
electric (48 V), white	0,1	22 169 694



SUPERSYSTEM II low voltage U-mounting section 90° angle connector (electric)

kg Order no.



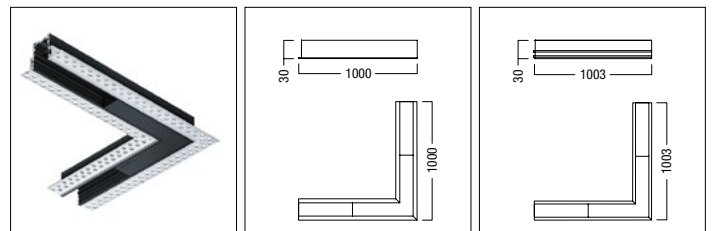
- |...|
- For mechanical and electrical angle connection (90°) of two low voltage recessed track profiles, including 3 m connecting cable (48 V)
- Consists of connector, jumper link with contact clips and cover
- Steel connector

90° angle connector with flange

electric (48 V), black	1,3	60 210 818
electric (48 V), white	1,3	60 210 817

90° angle connector, trimless

electric (48 V), black	1,4	60 210 822
electric (48 V), white	1,4	60 210 821



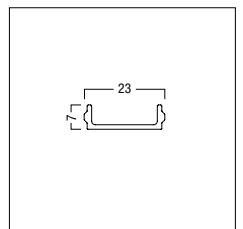
SUPERSYSTEM II U-mounting section cover

kg Order no.

- For closing the recessed profile opening
- Material: extruded aluminium profile, powder-coated black or white
- Customer can cut to desired length
- Special lengths available on request

Cover section

length 2000 mm, black	0,2	22 169 713
length 2000 mm, white	0,2	22 169 712



SUPERSYSTEM II low voltage tracks U recessed-mount

SUPERSYSTEM II U-mounting section end caps



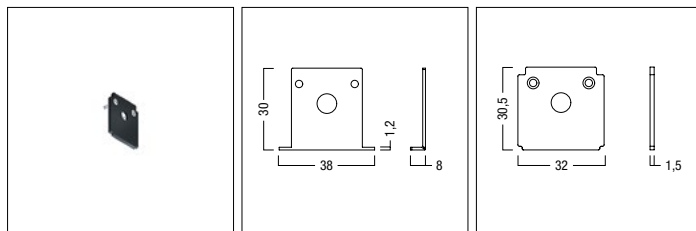
- Cover plate in the low voltage recessed track with external power supply (48 V), AC/DC driver as device for installing in ceiling
- Cover plate of aluminium, black or white
- Screw-fitted

Cover plate for U-recessed profile with flange

	Order no.
Electrical feed, black	60 210 826
Electrical feed, white	60 210 825

Cover plate for U-recessed profile trimless

Electrical feed, black	60 210 849
Electrical feed, white	60 210 848



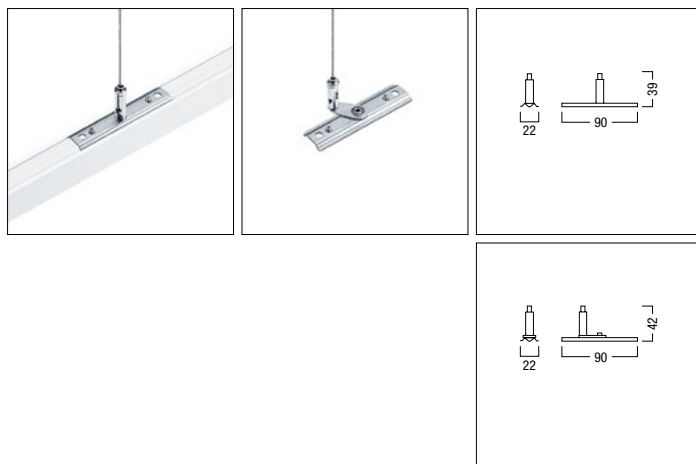
SUPERSYSTEM II U-mounting section steel cord suspension



- For suspending the low voltage track profile
- Steel cord suspension (set) consists of: white suspension rose, steel cord and patent suspender with bracket for continuous height adjustment
- Steel cord length approx. 2000 mm
- Maximum load: 20 kg
- Push into the grooves in the section
- Steel cord suspension required every 2000 mm

Steel cord suspension

	Order no.
cord suspension (set)	22 169 690
steel cord suspension (set) with eccentric fixture for balancing	22 169 691



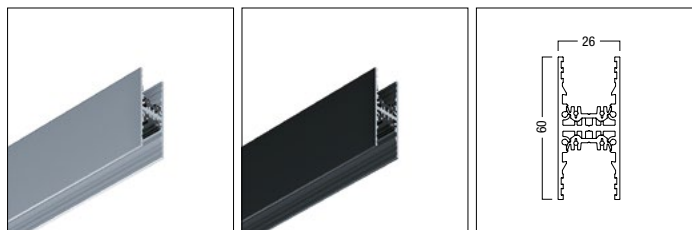
SUPERSYSTEM II low-voltage tracks H-profile

SUPERSYSTEM II low voltage H-profile



- For connecting profiles, connectors and electrical feed
- Lower section: low voltage track (48 V) for accommodating SUPERSYSTEM II spots, lighting modules with low voltage adapter (48 V) and AC/DC drivers
- Upper section: low voltage track (48 V) accommodates SUPERSYSTEM II light inserts for indirect lighting with low voltage adapter (48 V) and AC/DC drivers or wire suspension for pendant mounting
- Low voltage adapter flush-fitted in the track profile
- Tool-free fixing of spots, lighting modules and drivers
- Spots and lighting modules (dimnable DALI only) can be singly addressed/controlled via the Powerline signal in the low voltage track
- Material: extruded aluminium, powder-coated black, silver or white
- Track opening can be optionally closed with a cover profile
- Please order electrical feed or cover plates at face ends separately
- Customer can cut to desired length
- Please order set for pendant mounting separately

	kg	Order no.
Low voltage H-profile (length 2 m)		
48 V, black	2,3	22 169 721
48 V, silver	2,3	22 169 719
48 V, white	2,3	22 169 720
Low voltage H-profile (length 3 m)		
48 V, black	3,5	22 169 718
48 V, silver	3,5	22 169 716
48 V, white	3,5	22 169 717
Low voltage H-profile (length 4 m)		
48 V, black	4,7	22 169 710
48 V, silver	4,7	22 169 714
48 V, white	4,7	22 169 715



SUPERSYSTEM II low-voltage tracks H-profile

|...| Shared properties SUPERSYSTEM II connector

- Connector of diecast aluminium
- Polycarbonate cover, coated black, silver or white
- One connector each must be

ordered for the upper and lower section

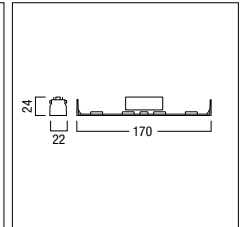
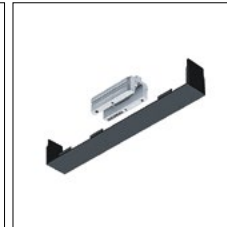
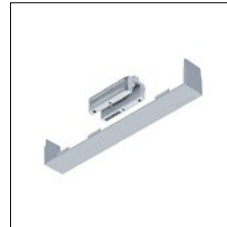
SUPERSYSTEM II low voltage H-profile connector (mechanical)



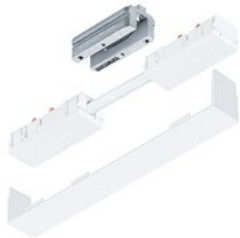
- |...|
- For mechanical connection of two low voltage track profiles
- Low voltage circuits (48 V) remain electrically isolated

Connector

	Order no.
mechanical, black	22 169 693
mechanical, silver	22 169 795
mechanical, white	22 169 794



SUPERSYSTEM II low voltage H-profile connector (electrical)



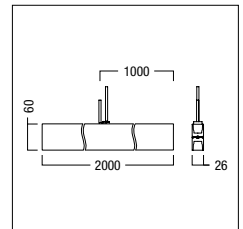
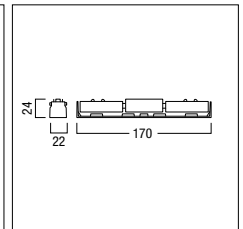
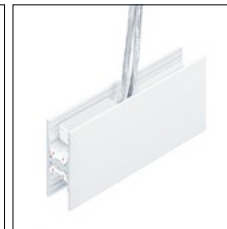
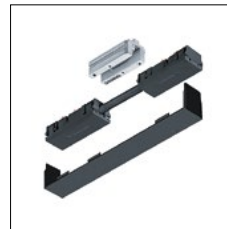
- |...|
- For mechanical and electrical connection of two low voltage track profiles
- Consists of connector, jumper link with contact clips and cover
- Version with infeed: Low voltage track profile including connection cable (48 V)
- Version with infeed: consists of one low voltage track profile 2 m, connection cable 3 m, contact clips and cover

Connector

	kg	Order no.
electric (48 V), black	0,1	22 169 695
electric (48 V), silver	0,1	22 169 788
electric (48 V), white	0,1	22 169 694

Connector with electric feed

electric (48 V), black	2,4	60 210 842
electric (48 V), silver	2,4	60 210 844
electric (48 V), white	2,4	60 210 843



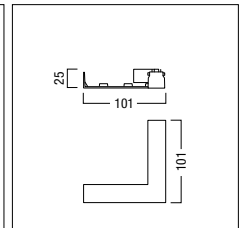
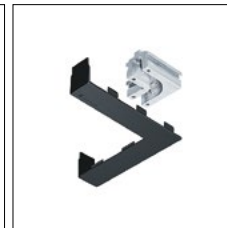
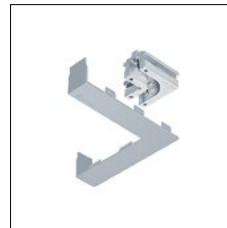
SUPERSYSTEM II low voltage H-profile 90° angle connector (mechanical)



- |...|
- For mechanical (90°) angle connection of two low voltage track profiles
- Application with track feed (48 V) from several sides, e.g. profile structure as rectangle; several low voltage circuits (electrical isolation)

90° angle connector

	Order no.
mechanical, black	22 169 692
mechanical, silver	22 169 797
mechanical, white	22 169 796



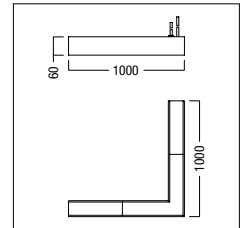
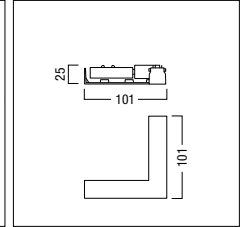
SUPERSYSTEM II low-voltage tracks H-profile

SUPERSYSTEM II low voltage H-profile angle connector 90° (electrical)



- [...]
 - For mechanical and electrical (90°) angle connection of two low voltage track profiles
 - Consists of connector, jumper link with contact clips and cover
 - Version with infeed: electrical angle connection (90°) including connection cable (48 V)
 - Version with infeed: consists of 2 low voltage track profiles, each 1 m, steel connector, 3 m connection cable, contact clips and cover

	kg	Order no.
90° angle connector		
electric (48 V), black	0,1	22 169 789
electric (48 V), silver	0,1	22 169 790
electric (48 V), white	0,1	22 169 791
Angle connector 90° with electric feed		
electric (48 V), black	2,5	60 210 836
electric (48 V), silver	2,5	60 210 838
electric (48 V), white	2,5	60 210 837

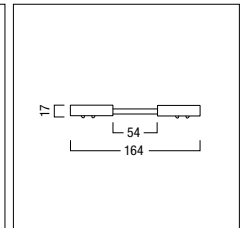


SUPERSYSTEM II low voltage H-profile jumper link



- For electrical connection (48 V) of lower to upper section of the track H-profile
- Consists of jumper link with contact clips
- Cover plate (electrical feed) must be ordered separately (22 169 696/697/698)

	kg	Order no.
jumper link		
48 V, black		22 169 792
48 V, white		22 169 793

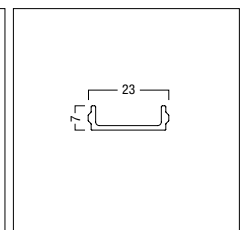
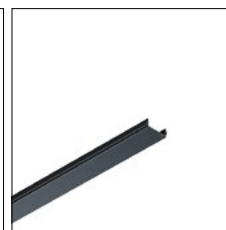
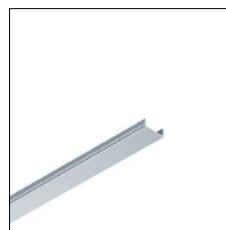


SUPERSYSTEM II H profile cover



- Caps the hole in the mounting section on the top or bottom face
- Material: extruded aluminium, powder-coated black, silver or white
- Customer can cut to desired length
- Special lengths available on request

	kg	Order no.
Cover section		
length 2000 mm, black	0,2	22 169 713
length 2000 mm, silver	0,2	22 169 711
length 2000 mm, white	0,2	22 169 712



SUPERSYSTEM II low-voltage tracks H-profile

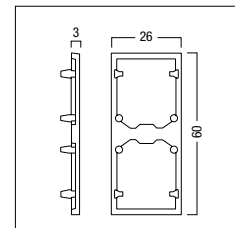
SUPERSYSTEM II H profile cover plate



- Caps the mounting-section ends
- Cover plate of polycarbonate, black, silver or white
- No-tool installation

Cover plate

	Order no.
black	22 169 704
silver	22 169 702
white	22 169 703



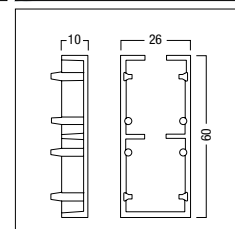
SUPERSYSTEM II H profile cover plate (electrical feed)



- Cover plate with external power supply (48 V) in the low voltage track, AC/DC driver in the ceiling rose or as device installed in the ceiling
- Cover plate of polycarbonate, black, silver or white
- No-tool installation

Cover plate

	Order no.
electrical feed, black	22 169 698
electrical feed, silver	22 169 696
electrical feed, white	22 169 697



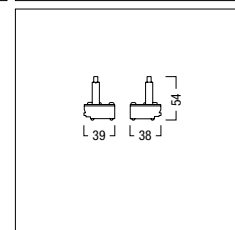
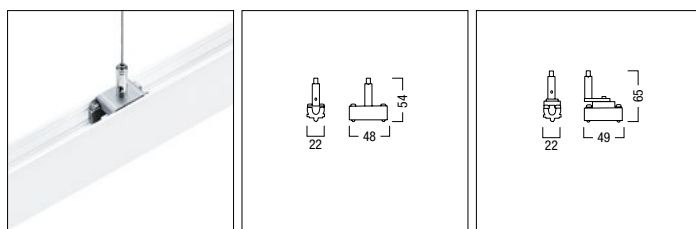
SUPERSYSTEM II H profile steel cord suspension



- For suspending the low voltage track profile
- Steel cord suspension (set) consists of: white suspension rose, steel cord and patent suspender with bracket for continuous height adjustment
- Steel cord length approx. 2000 mm
- Maximum load: 20 kg
- Push into the grooves in the section
- Steel cord suspension required every 2000 mm

Steel cord suspension

	kg	Order no.
cord suspension (set)	0,1	22 169 689
cord suspension (set) for angle connectors	0,1	22 169 688
steel cord suspension (set) with eccentric fixture for balancing	0,1	22 169 687



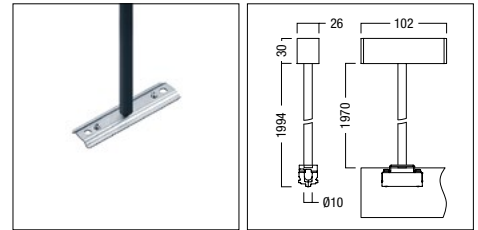
SUPERSYSTEM II low-voltage tracks H-profile

SUPERSYSTEM II H-mounting section pendant tube suspension

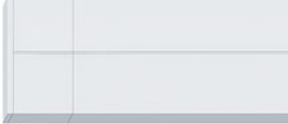


- For suspending the low voltage track profile
- Pendant tube suspension (set) consists of: suspension rose and pendant tube in black, silver or white
- Pendant tube length approx. 2000 mm
- Maximum load: 20 kg
- Push into the grooves in the section
- Pendant tube suspension required every 2000 mm

	kg	Order no.
Pendant tube suspension		
Pendant tube suspension (set), black	1,1	60 210 830
Pendant tube suspension (set), silver	1,1	60 210 832
Pendant tube suspension (set), white	1,1	60 210 831



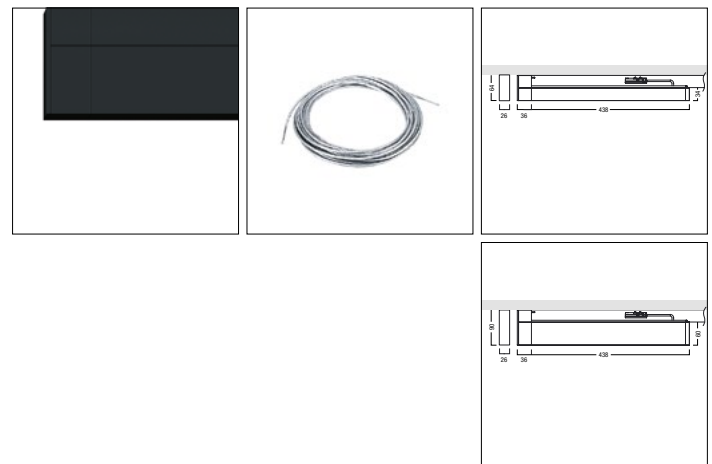
SUPERSYSTEM II AC/DC driver (low voltage tracks)



- LED driver module (AC/DC) for low voltage track (48 V), connection voltage: 230 V 0/50/60 Hz
- DALI version: for controlling "dimnable DALI only" system components
- Housing of extruded aluminium, powder-coated black, silver or white
- Cable connection from above
- Connected load: 75 W or 150 W, for higher wattage requirements a new galvanically isolated circuit is required
- Module is inserted into the track
- Feed circuits must be electrically isolated, no parallel switching possible

	L/W/H	kg	Order no.
AC/DC driver for low voltage track			
150 W dimmable Dali only, black	477/26/90	0,8	22 169 754
150 W dimmable Dali only, silver	477/26/90	0,8	22 169 786
150 W dimmable Dali only, white	477/26/90	0,8	22 169 753
150 W, black	477/26/90	0,8	22 169 752
150 W, silver	477/26/90	0,8	22 169 750
150 W, white	477/26/90	0,8	22 169 751
75 W dimmable Dali only, black	477/26/64	0,6	22 169 759
75 W dimmable Dali only, silver	477/26/64	0,6	22 169 735
75 W dimmable Dali only, white	477/26/64	0,6	22 169 758
75 W, black	477/26/64	0,6	22 169 757
75 W, silver	477/26/64	0,6	22 169 755
75 W, white	477/26/64	0,6	22 169 756

		kg	Order no.
Connecting cable			
5-pole AC / Dali, 2000 mm, transparent		0,4	22 169 798



SUPERSYSTEM II control units

SUPERSYSTEM II AC/DC driver (ceiling rose)

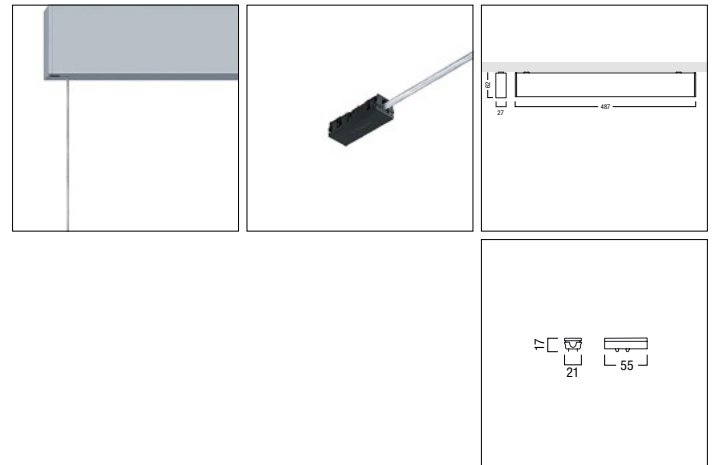


- LED driver (AC/DC) in ceiling rose with external power supply of low voltage track (48 V), connection voltage: 230 V 0/50/60 Hz
- DALI version: for controlling "dimmable DALI only" system components
- Ceiling rose of aluminium, black, silver or white
- Connected load: 75 W or 150 W, for higher wattage requirements a new galvanically isolated circuit is required
- Note on connector (without electrical feed): Feed module and cover plate (electrical feed) must be ordered separately (22 169 736/737 and 22 169 696-701)
- Feed module (22 169 736/737) consists of low voltage cable (3 m) and contact clips
- Steel-cord suspensions 22 169 687/689/690 (H-profile) and 22 169 690/691 (U-profile) must be ordered separately
- Feed circuits must be electrically isolated, no parallel switching possible

	L/W/H	kg	Order no.
AC/DC driver in ceiling rose			
150 W dimmable Dali only, black	487/27/62	1,2	22 169 743
150 W dimmable Dali only, silver	487/27/62	1,2	22 169 741
150 W dimmable Dali only, white	487/27/62	1,2	22 169 742
150 W, black	487/27/62	1,2	22 169 740
150 W, silver	487/27/62	1,2	22 169 738
150 W, white	487/27/62	1,2	22 169 739
75 W dimmable Dali only, black	487/27/62	1,1	22 169 749
75 W dimmable Dali only, silver	487/27/62	1,1	22 169 747
75 W dimmable Dali only, white	487/27/62	1,1	22 169 748
75 W, black	487/27/62	1,1	22 169 746
75 W, silver	487/27/62	1,1	22 169 744
75 W, white	487/27/62	1,1	22 169 745
Connection cable with contact clips			
48 V, 3000 mm, black	55/21/17		22 169 737
48 V, 3000 mm, white	55/21/17		22 169 736

Accessory			
Mounting plate for driver			22 169 678

For steel-cord suspensions see SUPERSYSTEM II low voltage H/U-profiles.

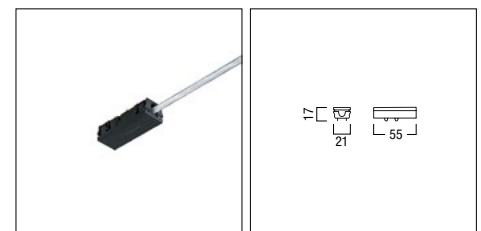


SUPERSYSTEM II AC/DC driver (device for installing in ceiling)



- LED driver (AC/DC) in separate ceiling recessing box with external power supply of low voltage track (48 V), connection voltage: 230 V 0/50/60 Hz
- DALI version: for controlling "dimmable DALI only" system components
- Connected load: 150 W, with higher power requirements a new electrically isolated circuit is required in each case
- Note on connector (without electrical feed): Feed module and cover plate (electrical feed) must be ordered separately (22 169 736/737 and 22 169 696-701)
- Feed circuits must be electrically isolated, no parallel switching possible

	L/W/H	kg	Order no.
AC/DC driver box			
150 W	235/100/31	0,4	22 169 731
150 W, dimmable Dali only	235/100/31	0,4	22 169 732
Connection cable with contact clips			
48 V, 3000 mm, black	55/21/17		22 169 737
48 V, 3000 mm, white	55/21/17		22 169 736



SUPERSYSTEM II light inserts for 3 phases / L3+DALI tracks

[...] Shared properties SUPERSYSTEM II spotlight

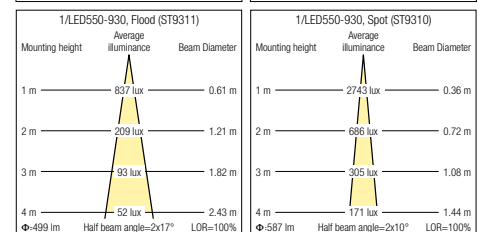
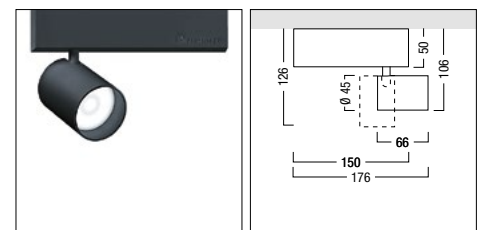
- Equipped with a lens system for high quality accent lighting in museums and exhibition spaces
- Combination of LED PCBs, lenses and films provide uniform light distribution with high intensity and soft transitions, without stray light from the light cone
- Film can be exchanged for other light distribution characteristics from superspot to wideflood, and oval
- Includes converter in separate polycarbonate Zumtobel Trackbox adapter
- Dimming of illuminance using rotary potentiometer (15–100 %) or dimmable DALI only (1–100 %)
- Flicker-free light (amplitude dimming)
- Optic consists of glass lens and plastic foil
- Lamp unit of diecast aluminium, coated black or white
- Front ring for glare reduction and accommodating films
- Ring louvre or extended glare reduction tube can be exchanged for the front ring and are also for accommodating the films
- Spotlight head rotates through 360°, pivots through 90°
- Axes of movement can be fixed separately using Allen key
- Colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: intermediate)
- Colour rendering index: Ra > 90
- Mains voltage: 220–240 V / 50/60 Hz
- Spotlight unit fixed without tools via an adapter into the Zumtobel 3-phase-/L3+DALI track
- horizontal and vertical wall mounting is permissible
- Not suitable for point outlets

SUPERSYSTEM II 3-phase LED spotlight unit Midi



- [...]
- LED spotlight unit, "midi" construction size, for Zumtobel 3-phase-/L3+DALI track
- Service life: 50 000 h at 90 % luminous flux
- Colour tolerance: SDCM 2 initial, LED PCBs premium-selected
- Installed load: 12 W
- Available as a variant: spotlight colour silver and colour temperature 2700 K

	kg	Order no.	Order no.
3-phase LED spotlight, flood (with universal adapter)		<i>white</i>	<i>black</i>
LED550-930 flood, rotary potentiometer	0,4	60 714 942	60 714 936
LED550-930 wideflood, rotary potentiometer	0,4	60 714 943	60 714 937
LED550-940 flood, rotary potentiometer	0,4	60 714 945	60 714 939
LED550-940 wideflood, rotary potentiometer	0,4	60 714 946	60 714 940
3-phase LED spotlight, spot (with universal adapter)		<i>white</i>	<i>black</i>
LED250-930 superspot, rotary potentiometer	0,4	60 714 921	60 714 919
LED250-940 superspot, rotary potentiometer	0,4	60 714 922	60 714 920
LED550-930 spot, rotary potentiometer	0,4	60 714 941	60 714 935
LED550-940 spot, rotary potentiometer	0,4	60 714 944	60 714 938
L3+DALI LED spotlight, flood (including Universal adapter)		<i>white</i>	<i>black</i>
LED550-930 flood, dimmable Dali only	0,4	60 714 930	60 714 924
LED550-930 wideflood, dimmable Dali only	0,4	60 714 931	60 714 925
LED550-940 flood, dimmable Dali only	0,4	60 714 933	60 714 927
LED550-940 wideflood, dimmable Dali only	0,4	60 714 934	60 714 928
L3+DALI LED spotlight, spot (including Universal adapter)		<i>white</i>	<i>black</i>
LED250-930 superspot, dimmable Dali only	0,4	60 714 917	60 714 915
LED250-940 superspot, dimmable Dali only	0,4	60 714 918	60 714 916
LED550-930 spot, dimmable Dali only	0,4	60 714 929	60 714 923
LED550-940 spot, dimmable Dali only	0,4	60 714 932	60 714 926
Accessory			
anti-glare cylinder, black			22 169 685
Anti-glare ring and film with flood distribution characteristic			22 169 673
Anti-glare ring and film with spot distribution characteristic			22 169 676
Anti-glare ring and film with wideflood distribution characteristic			22 169 670
Anti-glare ring and oval-outline film 1/3			22 169 667
Anti-glare ring and oval-outline film 1/60			22 169 664
Ring louvre (black) and film with Superspot distribution characteristic			22 169 682



SUPERSYSTEM II light inserts for 3 phases / L3+DALI tracks

SUPERSYSTEM II 3-phase LED spotlight unit Maxi

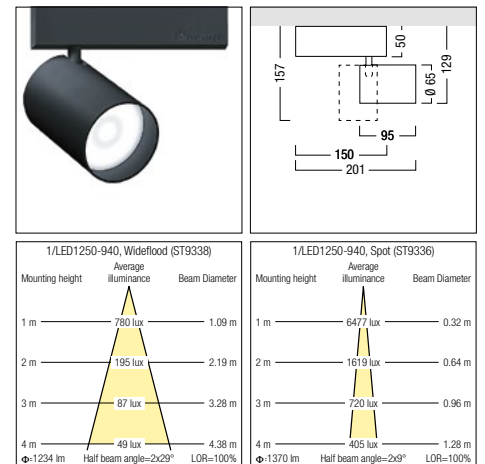


- [...]
 - LED spotlight unit, "maxi" construction size, for Zumtobel 3-phase-/L3+DALI track
 - Service life: 50000 h at 90 % luminous flux (400/900 lm)/ 70 % luminous flux (1250 lm)
 - Colour tolerance: SDCM 2 (700–900 lm) initial, LED PCBs premium-selected or SDCM 3 (1250 lm)
 - Connected load: 15 W or 24 W
 - Available as a variant: silver spotlight colour, colour temperature 2700 K (850 lm)
 - Clamping jaws (set) for stabilising the adapter are available as accessory to be ordered separately

	kg	Order no.	Order no.
3-phase LED spotlight, flood (with universal adapter)		white	black
LED900-930 flood, rotary potentiometer	0,7	60 714 974	60 714 968
LED900-930 wideflood, rotary potentiometer	0,7	60 714 975	60 714 969
LED900-940 flood, rotary potentiometer	0,7	60 714 977	60 714 971
LED900-940 wideflood, rotary potentiometer	0,7	60 714 978	60 714 972
LED1250-930 flood, rotary potentiometer	0,7	60 714 998	60 714 992
LED1250-930 wideflood, rotary potentiometer	0,7	60 714 999	60 714 993
LED1250-940 flood, rotary potentiometer	0,7	60 715 001	60 714 995
LED1250-940 wideflood, rotary potentiometer	0,7	60 715 002	60 714 996
3-phase LED spotlight, spot (with universal adapter)		white	black
LED400-930 superspot, rotary potentiometer	0,7	60 714 953	60 714 951
LED400-940 superspot, rotary potentiometer	0,7	60 714 954	60 714 952
LED900-930 spot, rotary potentiometer	0,7	60 714 973	60 714 967
LED900-940 spot, rotary potentiometer	0,7	60 714 976	60 714 970
LED1250-930 spot, rotary potentiometer	0,7	60 714 997	60 714 991
LED1250-940 spot, rotary potentiometer	0,7	60 715 000	60 714 994
L3+DALI LED spotlight, flood (including Universal adapter)		white	black
LED900-930 flood, dimmable Dali only	0,7	60 714 962	60 714 956
LED900-930 wideflood, dimmable Dali only	0,7	60 714 963	60 714 957
LED900-940 flood, dimmable Dali only	0,7	60 714 965	60 714 959
LED900-940 wideflood, dimmable Dali only	0,7	60 714 966	60 714 960
LED1250-930 flood, dimmable Dali only	0,7	60 714 986	60 714 980
LED1250-930 wideflood, dimmable Dali only	0,7	60 714 987	60 714 981
LED1250-940 flood, dimmable Dali only	0,7	60 714 989	60 714 983
LED1250-940 wideflood, dimmable Dali only	0,7	60 714 990	60 714 984
L3+DALI LED spotlight, spot (including Universal adapter)		white	black
LED400-930 superspot, dimmable Dali only	0,7	60 714 949	60 714 947
LED400-940 superspot, dimmable Dali only	0,7	60 714 950	60 714 948
LED900-930 spot, dimmable Dali only	0,7	60 714 961	60 714 955
LED900-940 spot, dimmable Dali only	0,7	60 714 964	60 714 958
LED1250-930 spot, dimmable Dali only	0,7	60 714 985	60 714 979
LED1250-940 spot, dimmable Dali only	0,7	60 714 988	60 714 982

Accessory

anti-glare cylinder, black	22 169 684
Anti-glare ring and film with flood distribution characteristic	22 169 672
Anti-glare ring and film with spot distribution characteristic	22 169 675
Anti-glare ring and film with wideflood distribution characteristic	22 169 669
Anti-glare ring and oval-outline film 1/3	22 169 666
Anti-glare ring and oval-outline film 1/60	22 169 663
Ring louvre (black) and film with Superspot distribution characteristic	22 169 681



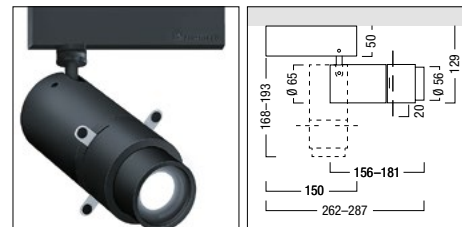
SUPERSYSTEM II light inserts for 3 phases / L3+DALI tracks

SUPERSYSTEM II 3-phase LED projection unit Maxi



- LED framing projector unit, “maxi” construction size, for Zumtobel 3-phase-/L3+DALI track
- Equipped with a lens system for high quality accent lighting in museums and exhibition spaces
- Lenses and shield are integrated into spotlight housing to avoid stray light
- Shield for the crisp, high-contrast, rectangular illumination of surfaces
- Focusing via objective lens
- Includes converter in separate polycarbonate Zumtobel Trackbox adapter
- Dimming of illuminance using rotary potentiometer (15–100 %) or dimmable DALI only (1–100 %)
- Flicker-free light (amplitude dimming)
- Lenses: polished silicate glass
- Luminaire housing made of die-cast aluminium in black or white painted finish
- Spotlight rotates through 360° and pivots through 90°
- Separate fixing of motion axes via tool (included in supply)
- 50 000 h service life at 80 % luminous flux
- Colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: intermediate)
- Colour rendering index: Ra > 90
- Colour tolerance: SDCM 2 initial, LED PCBs premium-selected
- Mains voltage: 220–240 V / 50/60 Hz
- Connected load: 14 W
- Spotlight unit fixed without tools via an adapter into the Zumtobel 3-phase-/L3+DALI track
- Available as a variant: spotlight colour silver and colour temperature 2700 K
- horizontal and vertical wall mounting is permissible
- Not suitable for point outlets
- Please see “Tracks and Accessories” section for Zumtobel 3-phase-/L3+DALI tracks

	kg	Order no.	Order no.
3-phase LED spotlight (with universal adapter)		white	black
LED1000-930 , rotary potentiometer	1,0	60 715 009	60 715 007
LED1000-940 , rotary potentiometer	1,0	60 715 010	60 715 008
L3+DALI LED spotlight (including Universal adapter)		white	black
LED1000-930 , dimmable Dali only	1,0	60 715 005	60 715 003
LED1000-940 , dimmable Dali only	1,0	60 715 006	60 715 004



SUPERSYSTEM II light inserts for 3 phases / L3+DALI tracks

SUPERSYSTEM II 3-phase LED wallwasher unit Midi

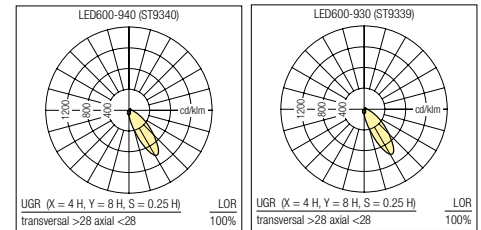
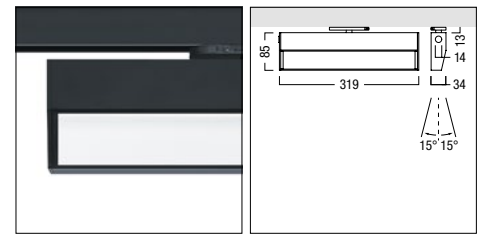


- LED wallwasher unit, "midi" construction size, for Zumtobel 3-phase-/L3+DALI track
- Optimised for homogeneous lighting of vertical wall surfaces to a height of 5 m in museums, exhibition spaces and art galleries
- Asymmetric specular reflector of pure aluminium and foil generate uniform light distribution with a soft transition
- Excellent glare reduction
- With protective cover of acrylic glass
- With converter integrated into the spotlight housing
- Dimming of illuminance 1–100 % via dimmable Dali only
- Flicker-free light (amplitude dimming)
- Housing made of extruded aluminium section with die-cast aluminium end faces
- Painted in white
- Wallwasher head rotatable through 355° and pivotable through $\pm 15^\circ$
- 50 000 h service life at 80 % luminous flux
- Colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: intermediate)
- Colour rendering index: $R_a > 90$
- Mains voltage: 220–240 V / 50/60 Hz
- Connected load: 15 W
- Spotlight unit fixed without tools via an adapter into the Zumtobel 3-phase-/L3+DALI track
- Spotlight colour black or silver is possible as variant
- Can be mounted horizontally on wall
- Not suitable for point outlets
- Please see "Tracks and Accessories" section for Zumtobel 3-phase-/L3+DALI tracks

kg Order no.

L3+DALI LED spotlight (including Universal adapter)

LED600-930 , dimmable Dali only	0,8	60 715 013
LED600-940 , dimmable Dali only	0,8	60 715 014



SUPERSYSTEM II downlight light units

|...| Shared properties SUPERSYSTEM II Downlight

- Equipped with a lens system for high quality accent lighting in museums and exhibition spaces
- Combination of LED PCBs, lenses and films provide uniform light distribution with high intensity and soft transitions, without stray light from the light cone
- Optic consists of glass lens and plastic foil
- Lamp unit made of diecast aluminium, coated white
- Front ring for glare reduction and accommodating films
- Ring louvre or extended glare reduction tube can be exchanged for the front ring and are also for accommodating the films
- Recessed housing made of diecast aluminium, coated white
- 50 000 h service life at 90 % luminous flux
- Colour temperature: 2700 K (LED927: warm white), 3000 K (LED930: warm white), 4000 K (LED940: intermediate white)
- Colour rendering index: Ra > 90
- Colour tolerance: SDCM 2 initial, LED PCBs premium-selected
- Black version on request

SUPERSYSTEM II LED downlight (fixed)



- |...|
- Recessed luminaire unit with 1 fixed LED spotlight head as downlight
- Film can be exchanged for other light distribution characteristics from superspot to wideflood, and oval
- Luminaire luminous flux up to 350 lm (4.2 W)
- Installation: using spring clips, ceilings 1 to 25 mm thick
- Control unit (350 mA), connection cable and distributor must be ordered separately

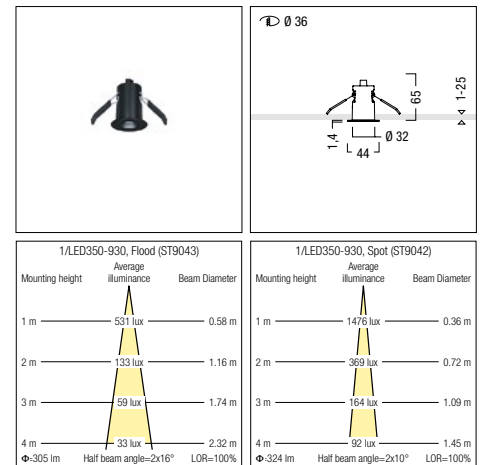
	RD/RØ	kg	Order no.
Downlight unit with cover ring, flood (1 LED spot)			
LED350-927 flood	65/36	0,1	60 817 642
LED350-930 flood	65/36	0,1	60 817 643
LED350-940 flood	65/36	0,1	60 817 644

	RD/RØ	kg	Order no.
Downlight unit with cover ring, spot (1 LED spot)			
LED350-927 spot	65/36	0,1	60 817 639
LED350-930 spot	65/36	0,1	60 817 640
LED350-940 spot	65/36	0,1	60 817 641

Accessory

anti-glare cylinder, black	22 169 686
Anti-glare ring and film with flood distribution characteristic	22 169 674
Anti-glare ring and film with spot distribution characteristic	22 169 677
Anti-glare ring and film with superspot distribution characteristic	22 169 680
Anti-glare ring and film with wideflood distribution characteristic	22 169 671
Anti-glare ring and oval-outline film 1/3	22 169 668
Anti-glare ring and oval-outline film 1/60	22 169 665
Ring louvre (black) and film with Superspot distribution characteristic	22 169 683

Please order only 1x connection cable (60 210 873) per control unit; with use of the 3/6-way distributor (60 210 870/871) please order 1x extension cable(60 210 874) per luminaire unit.



SUPERSYSTEM II downlight light units

SUPERSYSTEM II LED downlight Mini (tiltable)



- [...]
 - Recessed luminaire module with one LED spotlight head of "mini" construction size
 - Film can be exchanged for other light distribution characteristics from superspot to wideflood, and oval
 - Spotlight head can rotate through 350° and tilt through 90°
 - Luminaire luminous flux up to 350 lm (4.2 W)
 - Installation: using spring clips, ceilings 1 to 25 mm thick
 - Control unit (350 mA), connection cable and distributor must be ordered separately

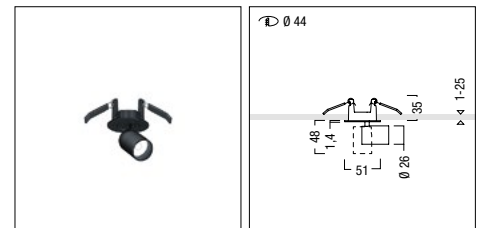
	RD/RØ	kg	Order no.
Downlight unit with cover ring, flood (1 LED spot)			
LED350-927 flood	35/44	0,1	60 817 612
LED350-930 flood	35/44	0,1	60 817 613
LED350-940 flood	35/44	0,1	60 817 614

	RD/RØ	kg	Order no.
Downlight unit with cover ring, spot (1 LED spot)			
LED350-927 spot	35/44	0,1	60 817 609
LED350-930 spot	35/44	0,1	60 817 610
LED350-940 spot	35/44	0,1	60 817 611

Accessory

anti-glare cylinder, black	22 169 686
Anti-glare ring and film with flood distribution characteristic	22 169 674
Anti-glare ring and film with spot distribution characteristic	22 169 677
Anti-glare ring and film with superspot distribution characteristic	22 169 680
Anti-glare ring and film with wideflood distribution characteristic	22 169 671
Anti-glare ring and oval-outline film 1/3	22 169 668
Anti-glare ring and oval-outline film 1/60	22 169 665
Ring louvre (black) and film with Superspot distribution characteristic	22 169 683

Please order only 1x connection cable (60 210 873) per control unit; with use of the 3/6-way distributor (60 210 870/871) please order 1x extension cable(60 210 874) per luminaire unit.



1/LED350-930, Flood (ST9043)			1/LED350-930, Spot (ST9042)		
Mounting height	Average illuminance	Beam Diameter	Mounting height	Average illuminance	Beam Diameter
1 m	531 lux	0.58 m	1 m	1476 lux	0.36 m
2 m	133 lux	1.16 m	2 m	369 lux	0.72 m
3 m	59 lux	1.74 m	3 m	164 lux	1.09 m
4 m	33 lux	2.32 m	4 m	92 lux	1.45 m
Φ=305 mm Half beam angle=2x16° LOR=100%			Φ=324 mm Half beam angle=2x10° LOR=100%		

SUPERSYSTEM II downlight light units

SUPERSYSTEM II LED downlight Midi (tiltable)



- [...]
 - Recessed luminaire module with one LED spotlight head of "midi" construction size
 - Film can be replaced with other light distributions from spot to wideflood and oval
 - Spotlight head can rotate through 350° and tilt through 90°
 - Luminaire luminous flux up to 633 lm (7.2 W)
 - Installation: using spring clips, ceilings 1 to 25 mm thick
 - Control unit (600 mA), connection cable and distributor must be ordered separately

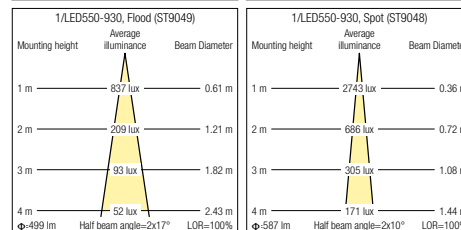
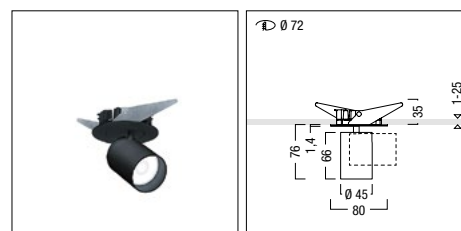
	RD/RØ	kg	Order no.
Downlight unit with cover ring, flood (1 LED spot)			
LED550-927 flood	35/72	0,2	60 817 630
LED550-930 flood	35/72	0,2	60 817 631
LED550-940 flood	35/72	0,2	60 817 632

Downlight unit with cover ring, spot (1 LED spot)			
LED550-927 spot	35/72	0,2	60 817 627
LED550-930 spot	35/72	0,2	60 817 628
LED550-940 spot	35/72	0,2	60 817 629

Accessory

anti-glare cylinder, black	22 169 685
Anti-glare ring and film with flood distribution characteristic	22 169 673
Anti-glare ring and film with spot distribution characteristic	22 169 676
Anti-glare ring and film with wideflood distribution characteristic	22 169 670
Anti-glare ring and oval-outline film 1/3	22 169 667
Anti-glare ring and oval-outline film 1/60	22 169 664
Ring louvre (black) and film with Superspot distribution characteristic	22 169 682

Please order only 1x connection cable (60 210 873) per control unit; with use of the 3/6-way distributor (60 210 870/871) please order 1x extension cable(60 210 874) per luminaire unit.



SUPERSYSTEM II downlight light units

SUPERSYSTEM II LED downlight Midi (tiltable / retractable)



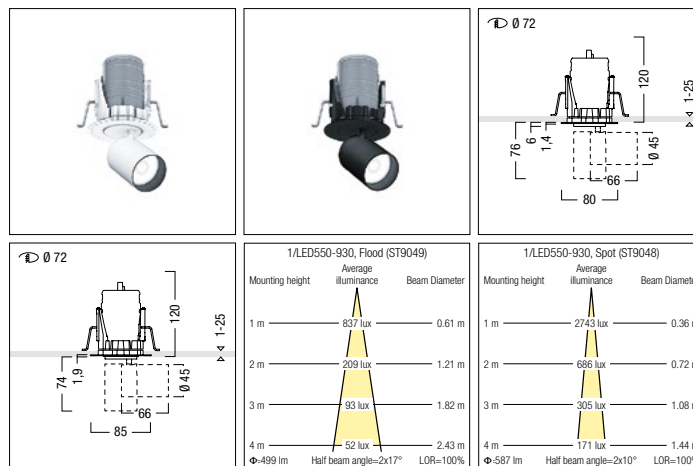
- [...]
 - Recessed luminaire module with one LED spotlight head of "midi" construction size
 - Film can be replaced with other light distributions from spot to wideflood and oval
 - Light head rotatable through 350°, swivellable through 90° and completely retractable
 - Luminaire luminous flux up to 633 lm (7.2 W)
 - Installation: by means of concealed screw-fixing, ceiling thickness 1–25 mm
 - Control unit (600 mA), connection cable and distributor must be ordered separately

	RD/RØ	kg	Order no.
Downlight unit with cover ring, flood (1 LED spot)			
LED550-927 flood	120/72	0,2	60 817 618
LED550-930 flood	120/72	0,2	60 817 619
LED550-940 flood	120/72	0,2	60 817 620
Downlight unit with cover ring, spot (1 LED spot)			
LED550-927 spot	120/72	0,2	60 817 615
LED550-930 spot	120/72	0,2	60 817 616
LED550-940 spot	120/72	0,2	60 817 617
Downlight unit trimless, flood (1 LED spot)			
LED550-927 flood	120/72	0,2	60 817 624
LED550-930 flood	120/72	0,2	60 817 625
LED550-940 flood	120/72	0,2	60 817 626
Downlight unit trimless, spot (1 LED spot)			
LED550-927 spot	120/72	0,2	60 817 621
LED550-930 spot	120/72	0,2	60 817 622
LED550-940 spot	120/72	0,2	60 817 623

Accessory

anti-glare cylinder, black		22 169 685
Anti-glare ring and film with flood distribution characteristic		22 169 673
Anti-glare ring and film with spot distribution characteristic		22 169 676
Anti-glare ring and film with wideflood distribution characteristic		22 169 670
Anti-glare ring and oval-outline film 1/3		22 169 667
Anti-glare ring and oval-outline film 1/60		22 169 664
Ring louvre (black) and film with Superspot distribution characteristic		22 169 682

Please order only 1x connection cable (60 210 873) per control unit; with use of the 3/6-way distributor (60 210 870/871) please order 1x extension cable (60 210 874) per luminaire unit.



SUPERSYSTEM II downlight light units

SUPERSYSTEM II LED Downlight Maxi (tiltable / retractable)



- [...]
 - Recessed luminaire module with one LED spotlight head of "maxi" construction size
 - Film can be replaced with other light distributions from spot to wideflood and oval
 - Light head rotatable through 350°, swivellable through 90° and completely retractable
 - Luminaire luminous flux up to 800 lm (11.4 W)
 - Installation: by means of concealed screw-fixing, ceiling thickness 1–25 mm
 - Control unit (950 mA), connection cable and distributor must be ordered separately

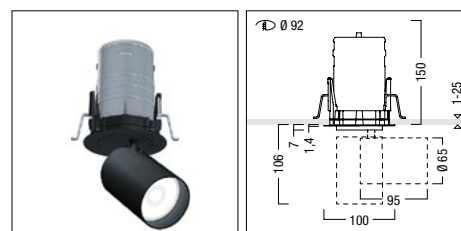
	RD/RØ	kg	Order no.
Downlight unit with cover ring, flood (1 LED spot)			
LED900-927 flood	150/92	0,6	60 817 636
LED900-930 flood	150/92	0,6	60 817 637
LED900-940 flood	150/92	0,6	60 817 638

Downlight unit with cover ring, spot (1 LED spot)			
LED900-927 spot	150/92	0,6	60 817 633
LED900-930 spot	150/92	0,6	60 817 634
LED900-940 spot	150/92	0,6	60 817 635

Accessory

anti-glare cylinder, black	22 169 684
Anti-glare ring and film with flood distribution characteristic	22 169 672
Anti-glare ring and film with spot distribution characteristic	22 169 675
Anti-glare ring and film with wideflood distribution characteristic	22 169 669
Anti-glare ring and oval-outline film 1/3	22 169 666
Anti-glare ring and oval-outline film 1/60	22 169 663
Ring louvre (black) and film with Superspot distribution characteristic	22 169 681

Please order only 1x connection cable (60 210 873) per control unit; with use of the 3/6-way distributor (60 210 870/871) please order 1x extension cable(60 210 874) per luminaire unit.



1/LED900-930, Flood (ST9055)			1/LED900-930, Spot (ST9054)		
Mounting height	Average illuminance	Beam Diameter	Mounting height	Average illuminance	Beam Diameter
1 m	1740 lux	0.52 m	1 m	7528 lux	0.23 m
2 m	435 lux	1.03 m	2 m	1882 lux	0.46 m
3 m	193 lux	1.55 m	3 m	836 lux	0.69 m
4 m	109 lux	2.07 m	4 m	470 lux	0.93 m
ø=800 lm Half beam angle=2x14° LOR=100%			ø=800 lm Half beam angle=2x7° LOR=100%		

SUPERSYSTEM II downlight light units

SUPERSYSTEM II control gear and accessories for downlights



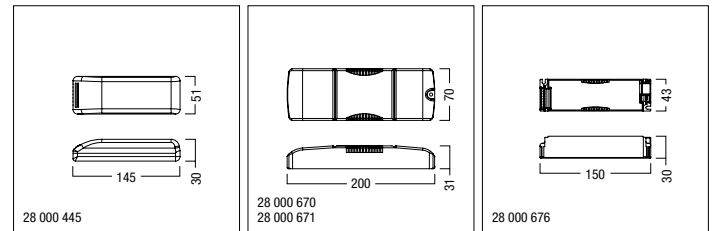
- LED power packs (dimnable), for current-controlled operation of SUPERSYSTEM II LED downlights
- Connection cable/extension cable and distributor (3-/6-way) for electrically connecting the LED downlights
- Please order only 1x connection cable (60 210 873) per control unit; with use of the 3/6-way distributor (60 210 870/871) please order 1x extension cable (60 210 874) per luminaire unit
- LED power packs assignment:
- 28 000 445 + 28 000 276 resistance (1 piece): 2x or 3x downlight SUP2 SF R36 / SUP2 S R44 350 mA
- 28 000 670 + 28 001 110 resistance (1 piece) or 28 001 116 resistance (1 piece): 4x downlight SUP2 SF R36 / SUP2 S R44 350 mA, 2x downlight SUP2(-R) M R72 600 mA
- 28 000 671 + 28 001 123 resistance (1 piece): 2x downlight SUP2-R L R92 950 mA
- 28 000 676 + 28 001 116 resistance (1 piece) or 28 001 123 resistance (1 piece): 3x bzw. 4x downlight SUP2(-R) M R72 600 mA, 3x or 4x downlight SUP2-R L R92 950 mA
- For further LED power packs, see table in the installation instructions (SUPERSYSTEM II downlights)
- Please order suitable resistance to LED power supply unit separately

LED power packs

LED power pack (dimnable) 15 W, 150–400 mA, 220–240 V, 0/50/60 Hz	28 000 445
LED power pack (dimnable) 17 W, 250–700 mA, 220–240 V, 0/50/60 Hz	28 000 670
LED power pack (dimnable) 25 W, 350–1050 mA, 220–240 V, 0/50/60 Hz	28 000 671
LED power pack (dimnable) 45 W, 500–1400 mA, 220–240 V, 0/50/60 Hz	28 000 676
LED power supply (dimnable) 12 W, 250–700 mA, 220–240 V, 0/50/60 Hz	60 010 041
LED power supply (dimnable) 12 W, 300–1000 mA, 220–240 V, 0/50/60 Hz	60 010 043
LED power supply 12 W, 700–1400 mA, 220–240 V, 0/50/60 Hz	60 010 042

Accessory

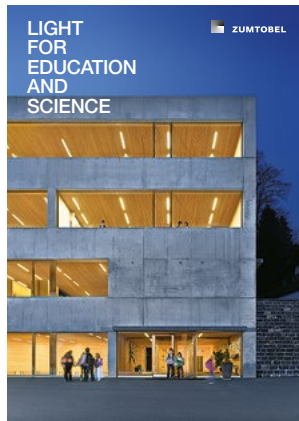
3-fold distributor	60 210 870
6-fold distributor	60 210 871
Connection cable (1 m)	60 210 873
Extension cable (1 m)	60 210 874
Resistance 350 mA (pack of 10)	28 000 276
Resistance 350 mA (pack of 10)	28 001 110
Resistance 600 mA (pack of 10)	28 001 116
Resistance 950 mA (pack of 10)	28 001 123
Short-circuit jumper for distributor	60 210 872



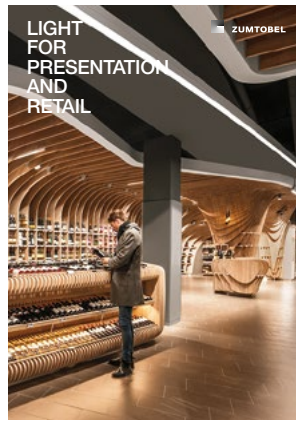
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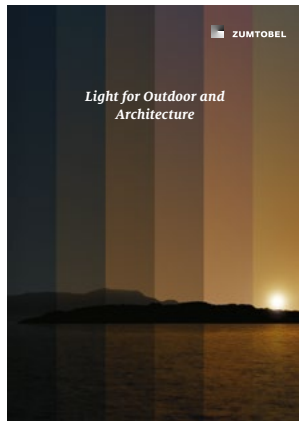
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zumtobel.com/sustainability

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Tracks and spots

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T +7/(812) 604 02 60
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Surface-mounted and pendant luminaires

China

Thorn Lighting (Guangzhou) Limited
12A Lian Yun Road
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GETDD, Guangzhou
510530, P.R. China
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Sales Hotline: 4008080 195
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Free-standing and wall-mounted luminaires

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ZG Lighting Hong Kong Ltd.
Unit 503 – 508, 5/F, Building 16W,
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zumtobel.se



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