

SUPERSYSTEM



SUPERSYSTEM

**First class. Linear. Everlasting.
A system establishes itself as a
lighting tool for all facets of architec-
tural lighting. An interdisciplinary
approach to properties and space.
From even surfaces to lively accents.
Both horizontal and vertical. Always
compact, elegant and extremely
flexible. And so freedom becomes
a pleasure for the lighting designer –
no matter what kind of challenges the
architecture or application pose.**

Light for art and culture

Image 1

Agentur Boros, Berlin | DE

Architecture: Realarchitektur, Berlin | DE
Lighting design: Supersymetrics, Zug | CH
Electrician: ETM Elektrotechnik Müller,
Müncherberg | DE

Image 2

Museum Apoxyomenos, Mali Lošinj | HR

Architecture: Idis Turato, Rijeka | HR

Image 3

Museo Civico di Pordenone

Palazzo Ricchieri, Pordenone | IT

Lighting design: PI Bruno Barbui, Spilimbergo | IT
Electricians: De Vido Impianti srl, Pieve di Soligo;
2R Impianti srl, Azzano Decimo | IT

Image 4

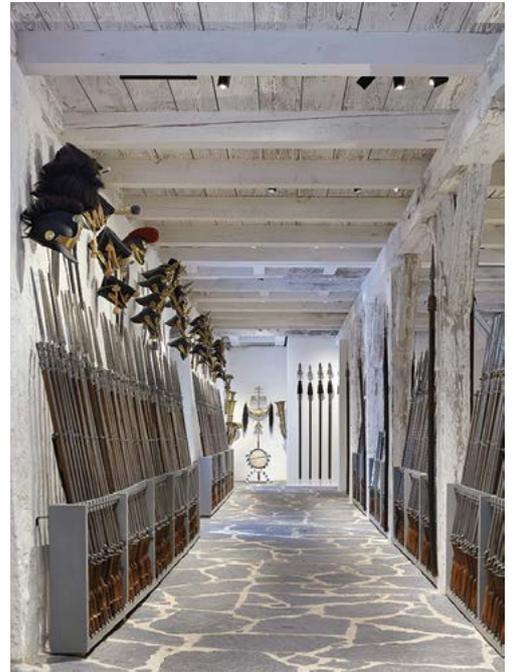
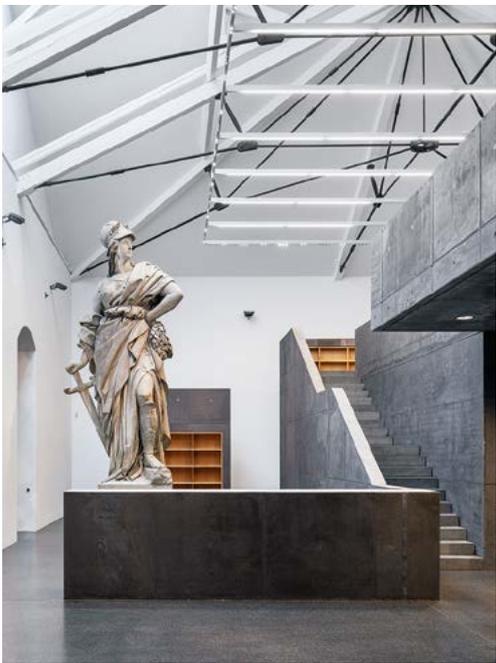
Schloss Schwarzburg, Schwarzburg | DE

Architecture: Milde + Möser, Pirna | DE
Lighting design: Architectural Lighting Design,
Weimar | DE
Electrical planning: Ingenieurbüro Hirsch GmbH,
Erfurt | DE
Electricians: ASI Anlagen Service Instandhaltung
GmbH, Jena | DE

Image 5

**Vorarlberg Museum, "ganznah" exhibition,
Bregenz | AT**

Architecture: Cukrowicz Nachbaur Architekten,
Bregenz | AT
Lighting design: atelier deLuxe, Offenbach | DE



Light for presentation and retail

Image 1

Dove Store, Hamburg | DE

Lighting design: Langbehn GmbH Elektrotechnik,
Wedel | DE

Image 2

The Kooples, Berlin | DE

Architecture: The Kooples, Paris | FR

Image 3

Boutique La Perla, Milan | IT

Architecture: Studio Baciocchi | IT

Image 4

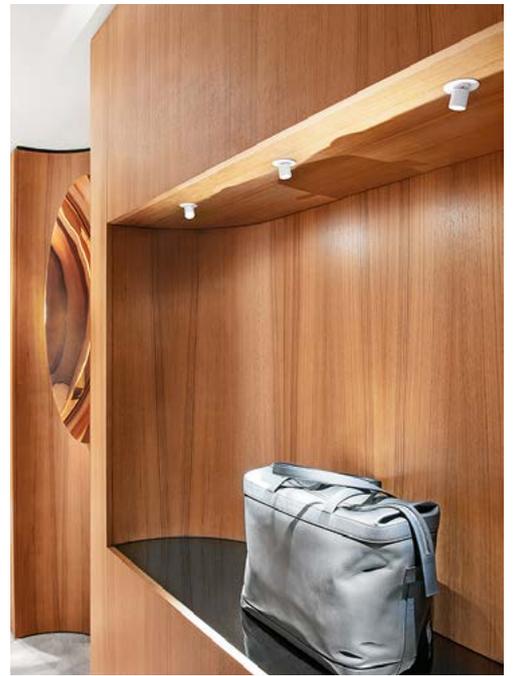
Maison Ullens, Paris | FR

Architecture: OMA, Rotterdam | NL

Image 5

Geox, London | UK

Architecture: Geox Retail Design & Construction
Lighting design: Studio Puresang, Barcelona | ES



Light for hospitality and access zones

Image 1

Zugspitze, Gipfelrestaurant | DE

Architecture: Hasenauer.Architekten ZT GmbH,
Saalfelden | AT

Image 2

Mannheim Business School, Mannheim | DE

Architecture: schneider+schumacher
Architekten, Frankfurt | DE

Image 3

Computer Gross, Empoli | IT

Architecture: Alessandro Alderighi, Empoli | IT
Electricians: Borghini e Cinotti, Empoli | IT

Image 4

DSH Ingenieure, Kempten | DE

Architecture: Architektur und Raum,
Kempten | DE

Image 5

Bistro Tour Total, Berlin | DE

Architecture: Iwa Leyk Wollenberg Architekten,
Berlin | DE



Surface-mounted and pendant luminaires

SUPERSYSTEM

Precise and versatile

from page 14

Low-voltage 48 V DC track

U and H profile

Accent lighting spot



Mini spotlight D26
3 W, 5 W

Midi spotlight D45
8 W

Maxi spotlight D65
15 W, 22 W



Contour spotlight
midi D45, 8 W

Contour spotlight
maxi D65, 15 W

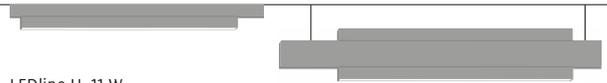
Wallwashing



Mini wallwasher, 11 W

Midi wallwasher, 11 W

Light line



LEDline U, 11 W
LEDray U, 11 W

LEDline H direct/indirect 11 W

SUPERSYSTEM integral collection

Seamless and linear

from page 54

Accent lighting Synchro gimbal

Horizontal lighting Downlights

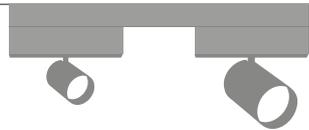
Indirect lighting

Wallwashing

Light line

3-phase AC track

U and H profile



Midi spotlight D45
8 W

Maxi spotlight D65
15 W, 22 W,
11 W (700 lm TW),
19 W (1000 lm TW)

3-phase track AC channel

U and H profile



Spotlight midi D45
8 W

Spotlight maxi D65
15 W, 22 W,
11 W (700 lm TW),
19 W (1000 lm TW)



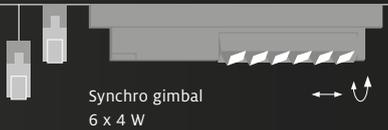
Contour spotlight
maxi D65, 15 W



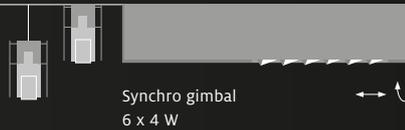
Contour spotlight
maxi D65, 15 W



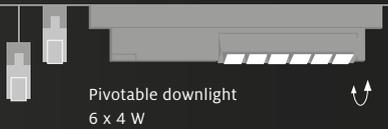
Midi wallwasher, 11 W



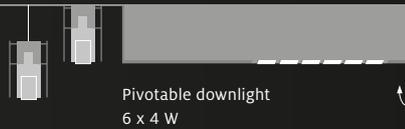
Synchro gimbal
6 x 4 W



Synchro gimbal
6 x 4 W



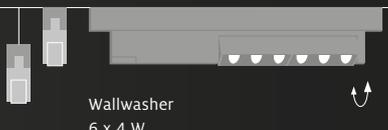
Pivotable downlight
6 x 4 W



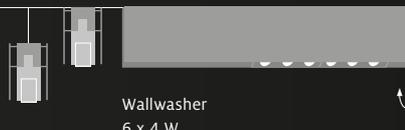
Pivotable downlight
6 x 4 W



Indirect
15 W



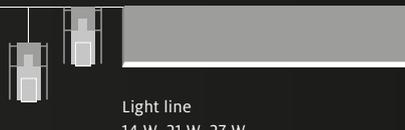
Wallwasher
6 x 4 W



Wallwasher
6 x 4 W



Light line
14 W, 21 W, 27 W



Light line
14 W, 21 W, 27 W

Recessed luminaires

SUPERSYSTEM

Precise and versatile

from page 14

Low-voltage 48 V DC track

U profile

Accent lighting spot



Mini spotlight D26
3 W, 5 W

Midi spotlight D45
8 W

Maxi spotlight D65
15 W, 22 W



Contour spotlight
midi D45, 8 W

Contour spotlight
maxi D65, 15 W

Wallwashing



Mini wallwasher, 11 W

Midi wallwasher, 11 W

Light line



LEDline U, 11 W
LEDray U, 11 W

SUPERSYSTEM integral collection

Seamless and linear

from page 54

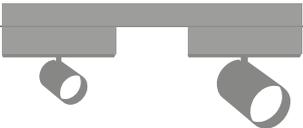
Accent lighting Synchro Gimbal

Horizontal lighting Downlights

Wallwashing

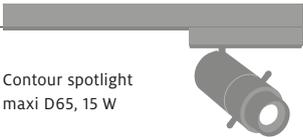
3-phase AC track

U profile



Midi spotlight D45
8 W

Maxi spotlight D65
15 W, 22 W,
11 W (700 lm TW), 19 W (1000 lm TW)



Contour spotlight
maxi D65, 15 W



Midi wallwasher, 11 W

3-phase track AC channel

U profile



Midi spotlight D45
8 W

Maxi spotlight D65
15 W, 22 W,
11 W (700 lm TW), 19 W (1000 lm TW)



Contour spotlight
maxi D65, 15 W

Stand-alone



Built-in spotlight
mini D26, 3 W, 5 W

Built-in spotlight
midi D45, 8 W



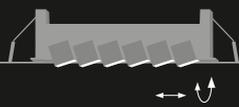
Built-in spotlight
maxi D65, 15 W, 22 W,
11 W (700 lm TW), 19 W (1000 lm TW)



Synchro Gimbal
6 x 4 W



Synchro Gimbal
6 x 4 W



Synchro Gimbal recessed luminaire
6 x 4 W



Pivotal downlight
6 x 4 W



Pivotal downlight
6 x 4 W



Built-in downlight
3 x 4 W



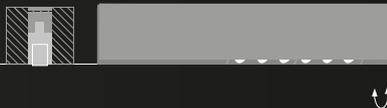
Built-in downlight
6 x 4 W



Built-in downlight
9 x 4 W



Wallwasher
6 x 4 W



Wallwasher
6 x 4 W



Built-in wallwasher
9 x 4 W

SUPERSYSTEM

Precise and versatile





SUPERSYSTEM

Variety has a system



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 module LEDline creates harmonious general lighting. Complemented by spotlights for accents, this solution creates a lively atmosphere. Wallwashers evenly illuminate vertical surfaces to support spacial perception.

Areas of application

Residential, hotel, surgeries, waiting rooms and reception areas

SUPERSYSTEM

Variety has a system



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 and friendly atmosphere in any space.

Area of application

Corridor and circulation spaces

**Workspace, accent and vertical lighting**

As a workplace luminaire, the LEDray lighting unit provides ergonomic light for demanding visual tasks, such as when working at screens or sales counters. Spotlights are the perfect addition for extra accentuation.

Areas of application

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

SUPERSYSTEM

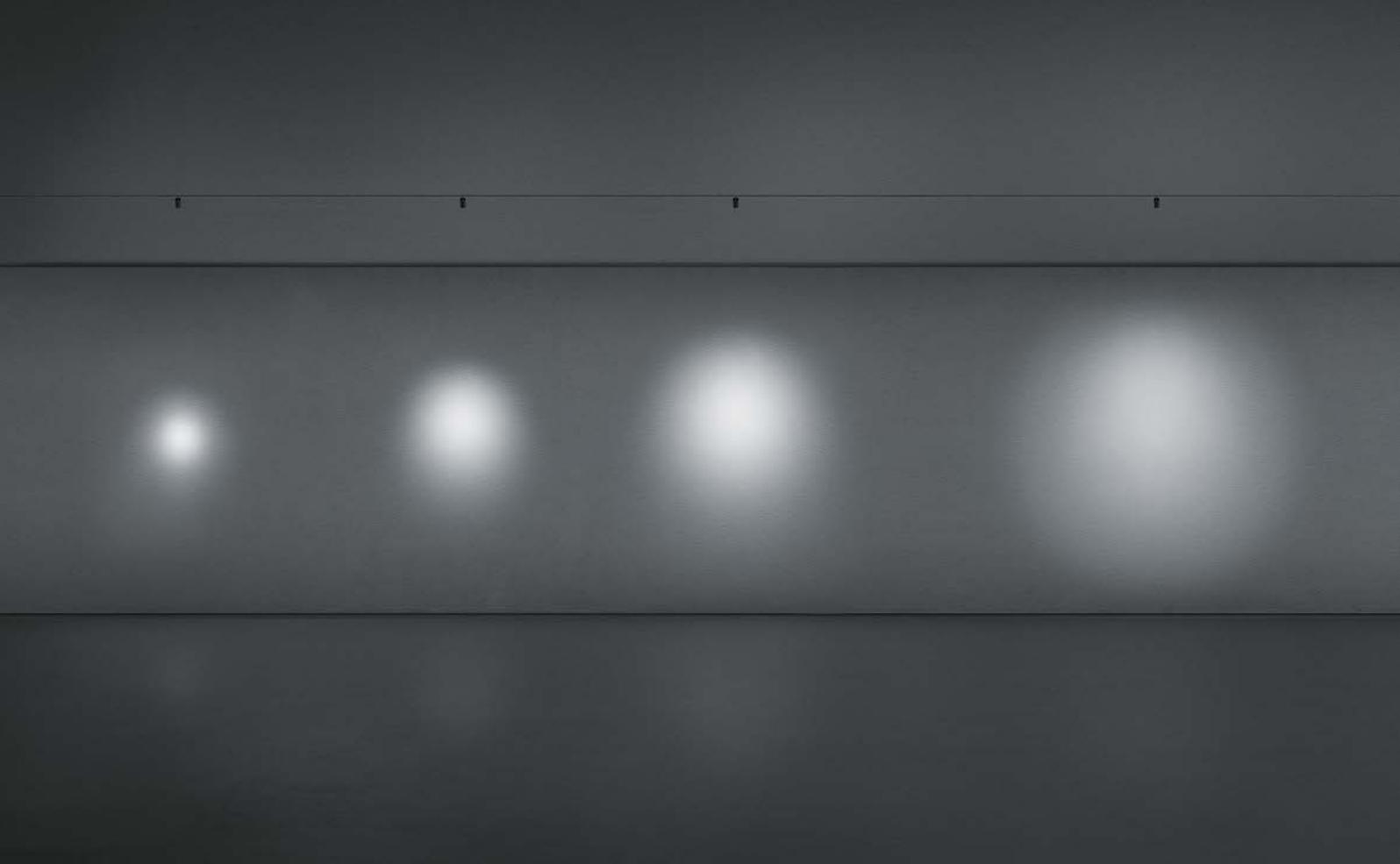
Modular system for versatile lighting

SUPERSYSTEM LED mini Spotlight



General or accent lighting, direct or indirect distribution, small or large objects, near or far: SUPERSYSTEM can handle demanding challenges with ease, allowing ultimate creativity combined with consistent, simple aesthetics.





SUPERSYSTEM lighting tools

1

LED Spotlight Superspot

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

Light outputs
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 outputs
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 outputs
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

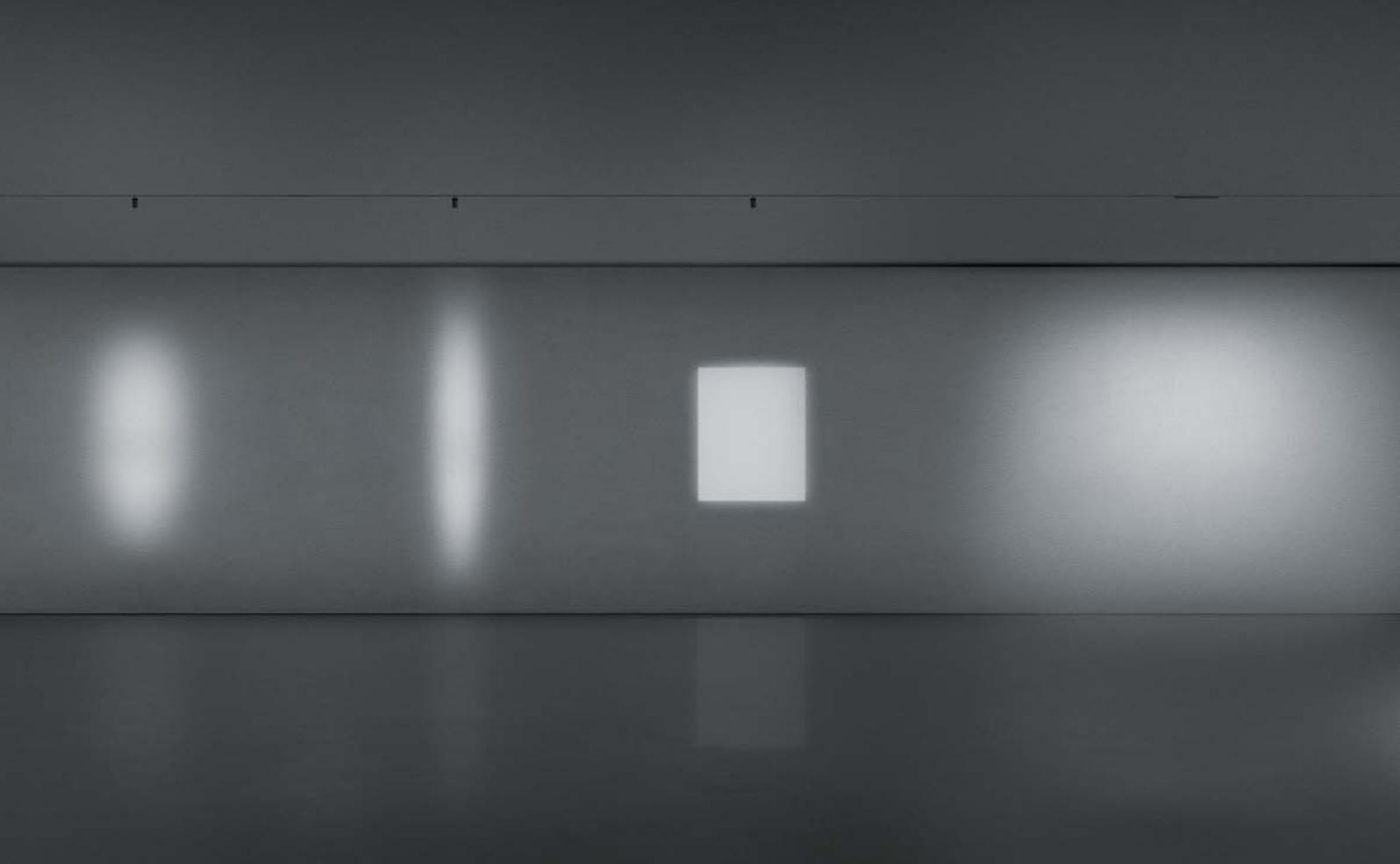
4

LED Spotlight Wideflood

Beam angles
mini D26: 57°
midi D45: 57°
maxi D65: 54°

Light outputs
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 outputs

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 outputs

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

For a mounting height of 3 m and distance of 1.5 m the maximum illuminated surface (maximum framing size) 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 outputs

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

9

LEDline

Beam angle
Lambert light distribution

Light output
up to 750 lm

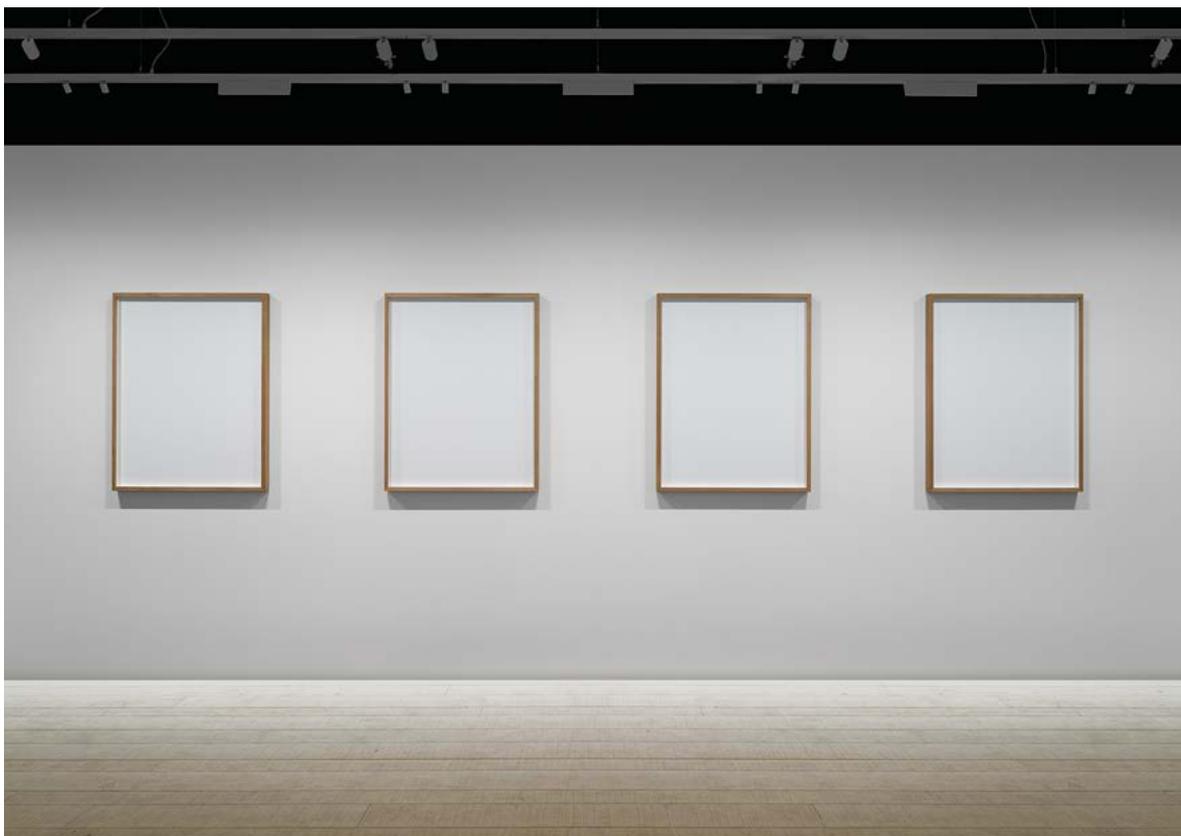
10

LEDray

Beam angle
50° x 20°

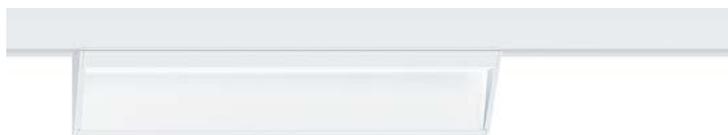
Light output
up to 1300 lm

Illuminating vertical surfaces



The even wall illumination has a calming effect.

Subtle



LED midi Wallwasher 60 mm
11 W | 3000 K

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



The soft accent lighting creates highlights without disturbing the quiet overall scene.

Moderate



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 minimal contrast on the discreetly and homogeneously illuminated wall. Precise accentuation and straightforward design form a pleasant effect.



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

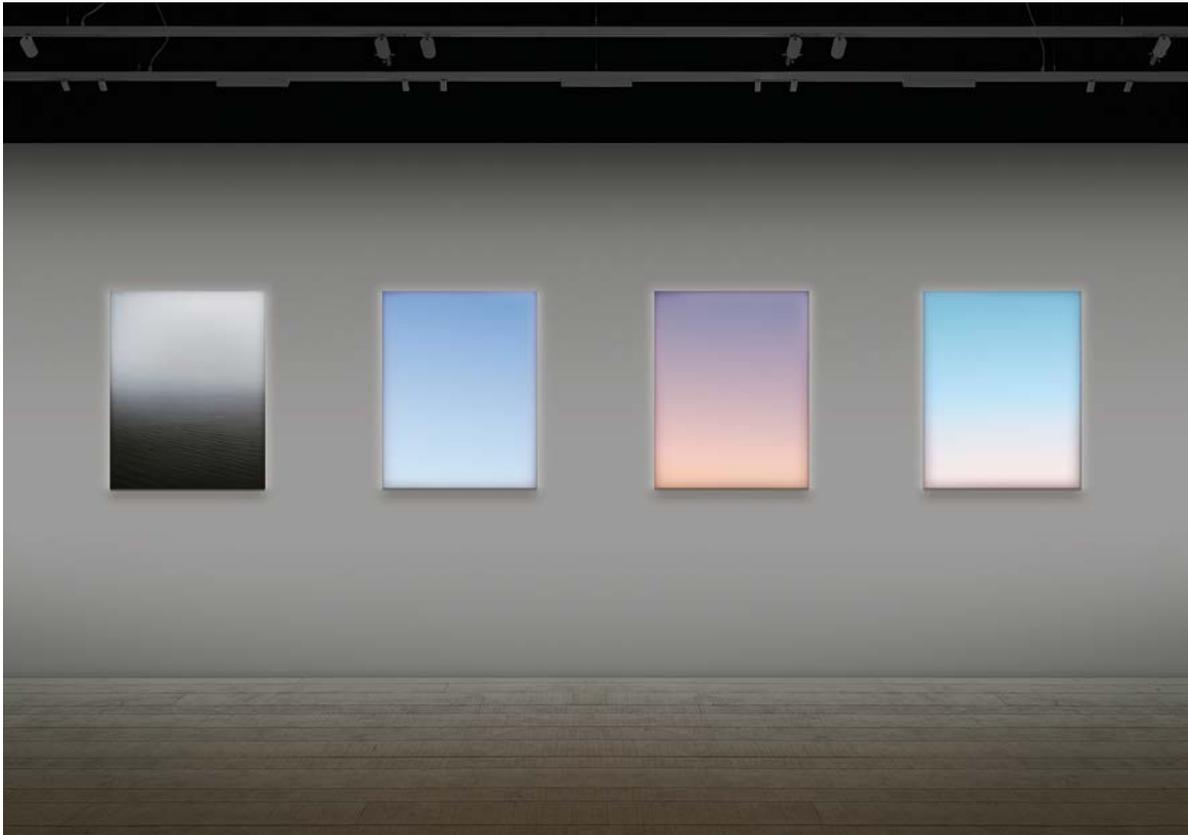
Significant



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.



Contrast-rich contour lighting generates enticing impulses.

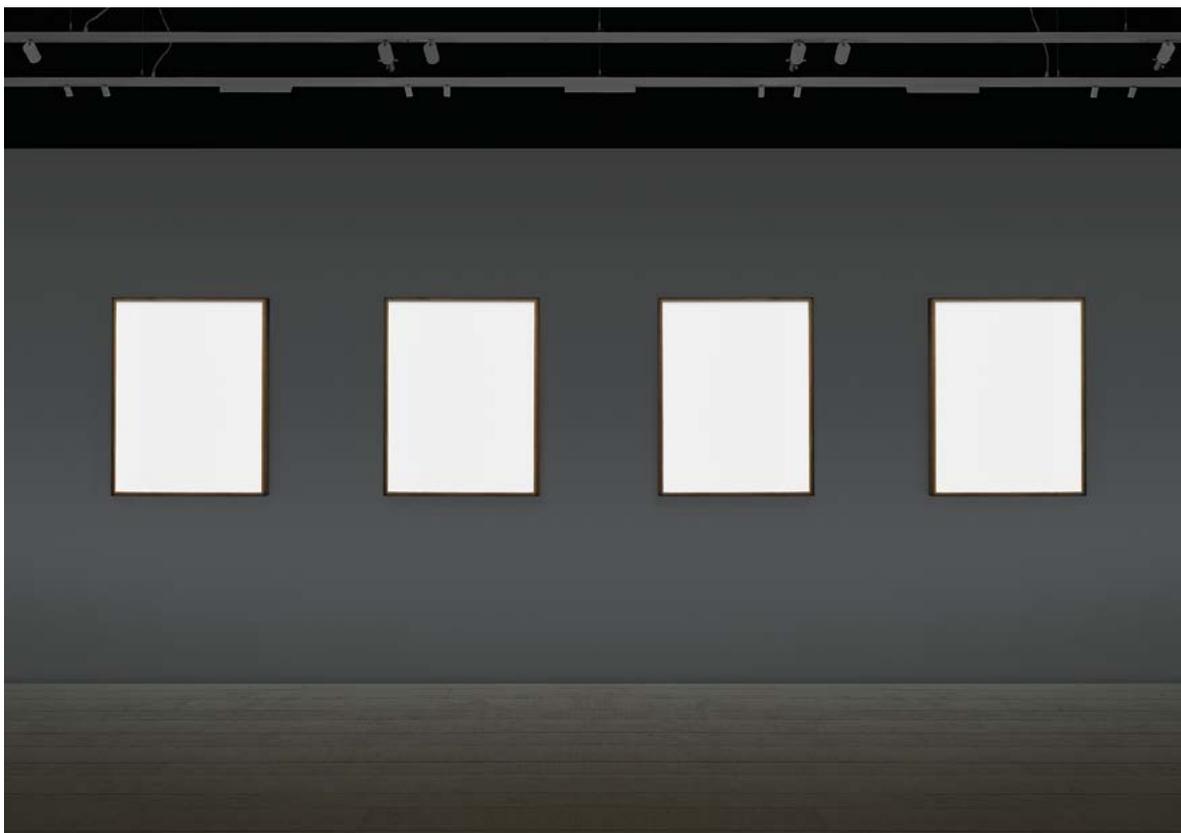
Powerful



LED midi Framing
Spotlight D45
8 W | 3000 K

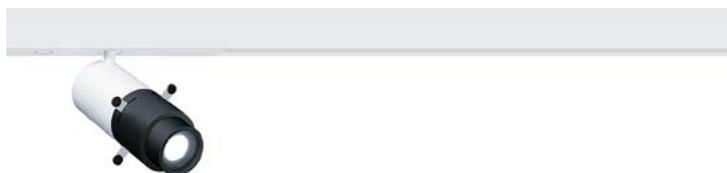
LED mini Wallwasher 34 mm
11 W | 3000 K
dimmed to 30 %

The precisely illuminated pictures stand out clearly from the wall. This is thanks to a sharp-angled contour and very even accent lighting, as well as homogeneous and gentle wall illumination.



Warm white, perfectly framed, centre-stage.

Striking



LED midi Framing
Spotlight D45
8 W | 3000 K

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

Spotlight

Accent lighting

SUPERSYSTEM LED mini Spotlight

LED midi Spotlight



LED spotlight

Perfected for precise accentuation: Miniature spotlights with different diameters, luminous flux and colour temperatures. The film in the front ring covering the lens can be swapped out, so the rotationally symmetrical light distribution can be changed from superspot to wideflood and even to oval. The precisely balanced combination of LED chip, primary glass lens and secondary lens film ensures 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 the design, the elegantly designed spotlights can be dimmed via DALI or a potentiometer.

LED maxi Spotlight



	LED mini Spotlight D26	LED midi Spotlight D45	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	Dimmable DALI, Integrated dimmer dial on spotlight	Dimmable DALI, Integrated dimmer dial on spotlight	Dimmable DALI, Integrated dimmer dial on spotlight
Accessories	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

Built-in spotlight

Accent lighting

SUPERSYSTEM LED built-in midi Spotlight (downlight position)



partly tilted out



LED downlight and built-in spotlight

In addition to all the advantages of the track spotlight – from flexible orientation and high-quality light to application-specific illuminance levels – the built-in spotlight is particularly impressive thanks to 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 and the option to mount with and without frame support outstanding design freedom.

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), 11 W (700 lm TW), 19 W (1000 lm TW)
Colour temperature	2700 K, 3000 K, 4000 K (SDCM2)	2700 K, 3000 K, 4000 K (SDCM2)	2700 K, 3000 K, 4000 K (SDCM2); tunableWhite 2700–6500 K (SDCM3)
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	Dimmable DALI	Dimmable DALI	Dimmable DALI, Bluetooth® control with basicDIM Wireless (based on Casambi)
Accessories	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

Spotlight accessories

Accent lighting

SUPERSYSTEM LED midi Spotlight



1



2



3



4

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 light source from lateral viewing.

4 Louvre ring

The Louvre ring helps to eliminate glare and keep the beam angle as narrow as possible on Superspot models.



Contour spotlight

Accent lighting with precise contours

SUPERSYSTEM LED midi Framing Spotlight



Focus lenses | framing cover

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

LED Framing Spotlight

Spotlights with a square light distribution and focusable lenses 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. There are two sizes for task-specific solutions. The maxi contour spotlight can be mounted on both low-voltage and 3-phase 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 size	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 (3 m installation height, 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	dimmable DALI, integrated dimmer dial	dimmable DALI, integrated dimmer dial

Wall mounting

Accent lighting



St. Severin Parish Church, Cologne | DE

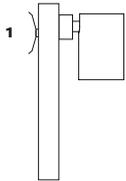
Owner/coordination: Historical Archives of the Cologne Archdiocese | DE

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

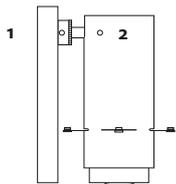
A simple quick-click metal spring stops the adapter slipping under the weight of small and medium loads - and remains hidden when assembly is complete.



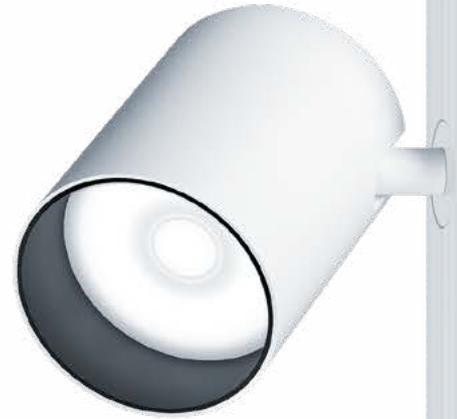
- 1 The adapter with a clicked-in anti-slip spring is positioned in the track as normal.

Heavy-load adapter for low-voltage tracks

Maxi spotlights and projection spotlights are secured perfectly with a heavy-load adapter. The adapter, along with the rotation and pivoting angle, can be precisely locked in any position.



- 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 LED midi Spotlight with anti-slip spring



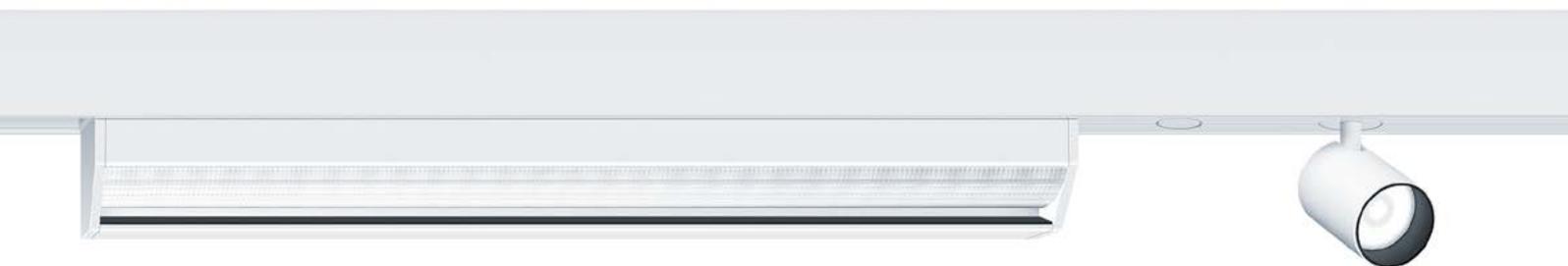
LED maxi Projector Spotlight with heavy-load adapter

Wallwashing

Vertical lighting

< 3 m mounting height: mini system

SUPERSYSTEM LED mini Spotlight



> 3 m mounting height: midi system

SUPERSYSTEM LED midi Spotlight

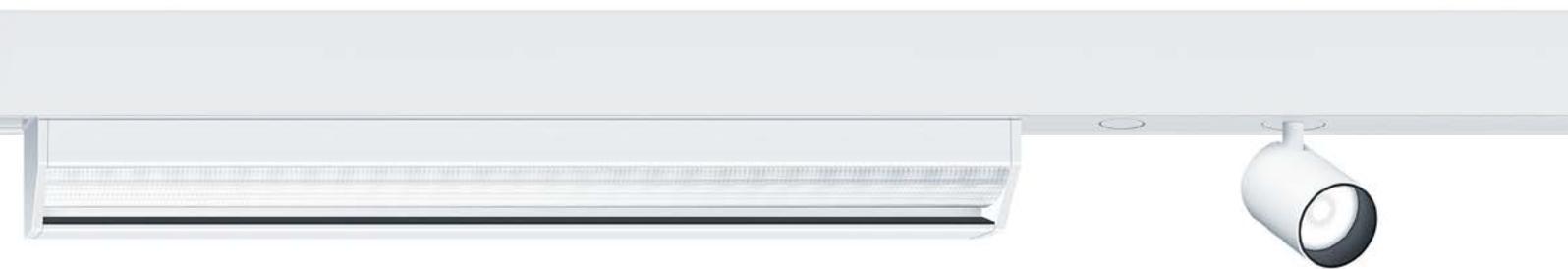


LED Wallwasher

The deliberate illumination of vertical surfaces is gaining ever more significance in terms of creating pleasant spatial atmospheres. The slim, 60-mm-high LED midi Wallwasher comfortably fulfils this task – even with mounting heights of over 3 m. The LED mini wallwasher evenly illuminates walls with heights of up to 3 metres with an illuminance level of up to 200 lux. Both the midi and mini variants achieve excellent performance by combining the latest LEDs and optics. Stable colour temperatures and excellent glare control are guaranteed, helping to perfectly highlight flat objects in museums, galleries and exhibitions.

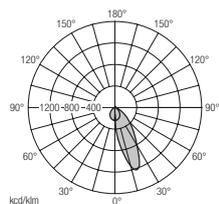
LED mini Wallwasher

LED mini Spotlight



LED midi Wallwasher

LED maxi Spotlight



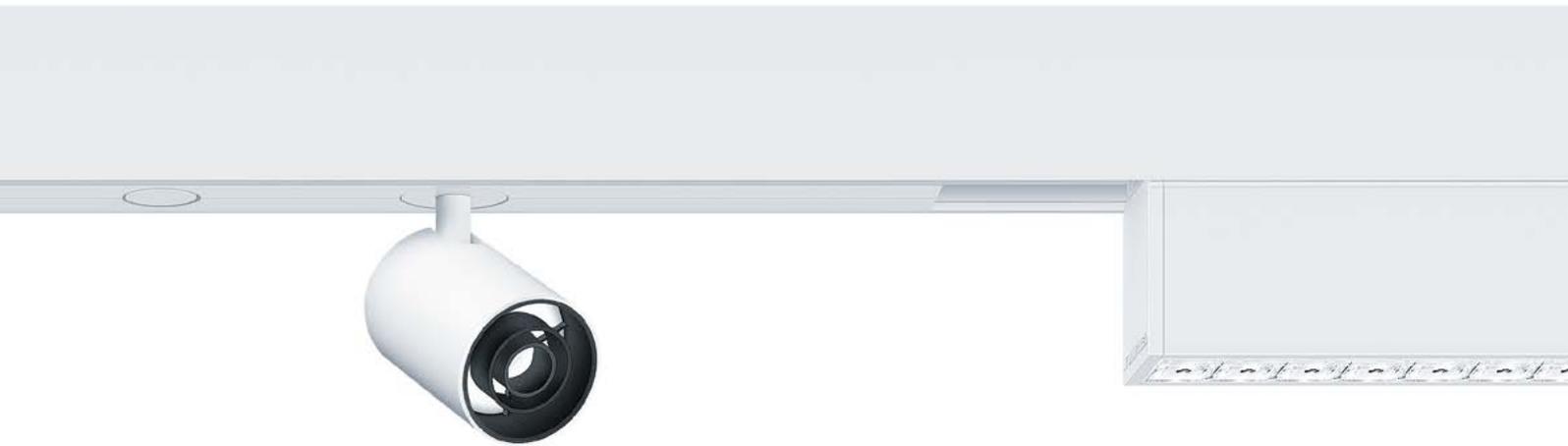
SUPERSYSTEM
LED mini/midi Wallwasher
1/11 W LED

	LED mini Wallwasher	LED midi Wallwasher
Dimensions	Height 34 mm (ideal for mounting heights of 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

Workplace lighting

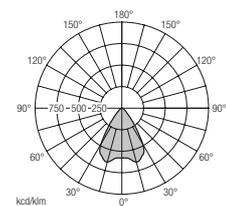
Horizontal lighting

SUPERSYSTEM LED mini Spotlight with louvre ring



LEDray advancedOptics

This linear lighting unit has a luminous flux of up to 1300 lumens, a glare limitation rating of $L65 < 3000 \text{ cd/m}^2$ and a UGR value < 22 . These outstanding qualities are achieved by using miniaturised, highly efficient advanced lens technologies, which also creates a symmetrical light distribution. Designed in this way, the 600-mm-long element is designed for office lighting that complies with the EN 12464-1 standard, as well as for linear lighting for counters in showrooms or museums and communication zones.



SUPERSYSTEM LEDray
1/11 W LED

LEDray



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

Light line

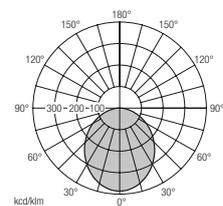
Direct and indirect lighting

SUPERSYSTEM LED mini Spotlight with anti-glare ring



LEDline

These light lines, which are only 33 mm high and 600 mm long, can be mounted flush to the track. They connect seamlessly to create an elegantly narrow, luminous strip. LEDline is available in direct, indirect, or combined light distribution versions with light outputs of up to 750 lumens, utilising a highly efficient extruded diffuser for precise light control and optimal general lighting.

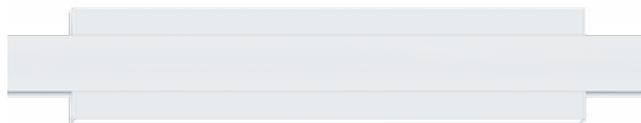


SUPERSYSTEM LEDline
1/11 W LED

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 LEDline on H-rail
for direct and indirect lighting

A range of quick-to-install solutions

Low-voltage track system

The elegant appearance of the multifunctional SUPERSYSTEM lighting tool is not just down to the miniaturisation of the lighting units. Added value is created by intelligent solutions for handling LED drivers that include AC/DC converters and DC/DC components. Both components are now separated. The AC/DC converter, which takes up a lot of space and feeds 48 V direct current into the track, is mounted in a flat device box. The various mounting options offer more scope for creative design. They are attached directly to the track or to elements such as ceiling canopies or suspended ceilings. The flat and compact DC/DC module is integrated in the spotlights and lighting units, which can be clicked flush into the narrow track with the help of an adapter. The plug&play system therefore provides both an electrical and a mechanical connection.

Assembly and built-in versions

1 Ceiling recessed (concealed) assembly

LED driver
(AC/DC mains adapter)

Extruded 48 V DC rail

2 Ceiling recessed (concealed) built-in

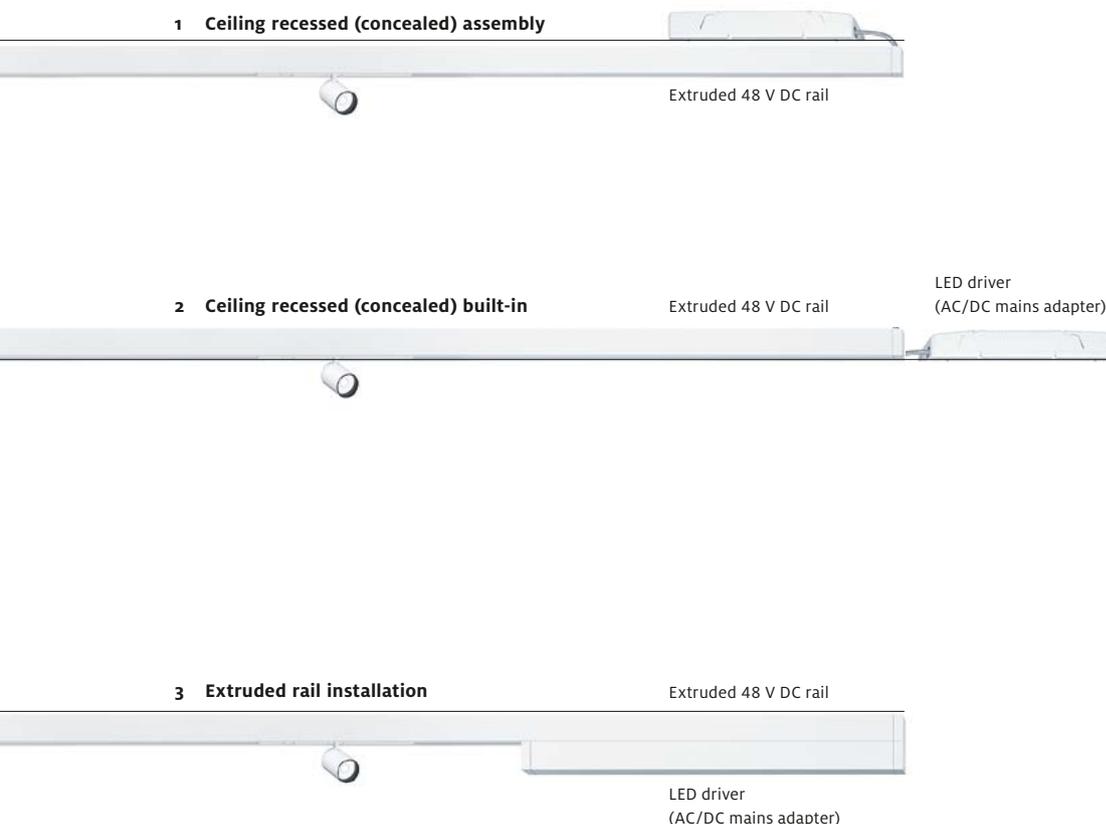
Extruded 48 V DC rail

LED driver
(AC/DC mains adapter)

3 Extruded rail installation

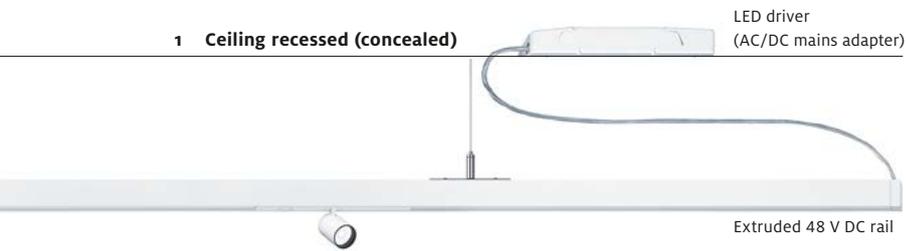
Extruded 48 V DC rail

LED driver
(AC/DC mains adapter)



Suspended rail

1 Ceiling recessed (concealed)



2 Surface installation



3 Extruded rail installation



One LED driver for several luminaires

Low-voltage track system

An AC/DC converter supplies several LED lighting units with up to 75 or 150 watts of total output, independent of the installation. If the luminaires used in the SUPERSYSTEM lead to a higher total output, this has to be distributed across several drivers.

Installation example 1



1 LED driver (AC/DC mains adapter)
75 W, 48 V

LED mini Wallwasher
11 W

LED midi Spotlight
8 W

LED mini Wallwasher
11 W

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



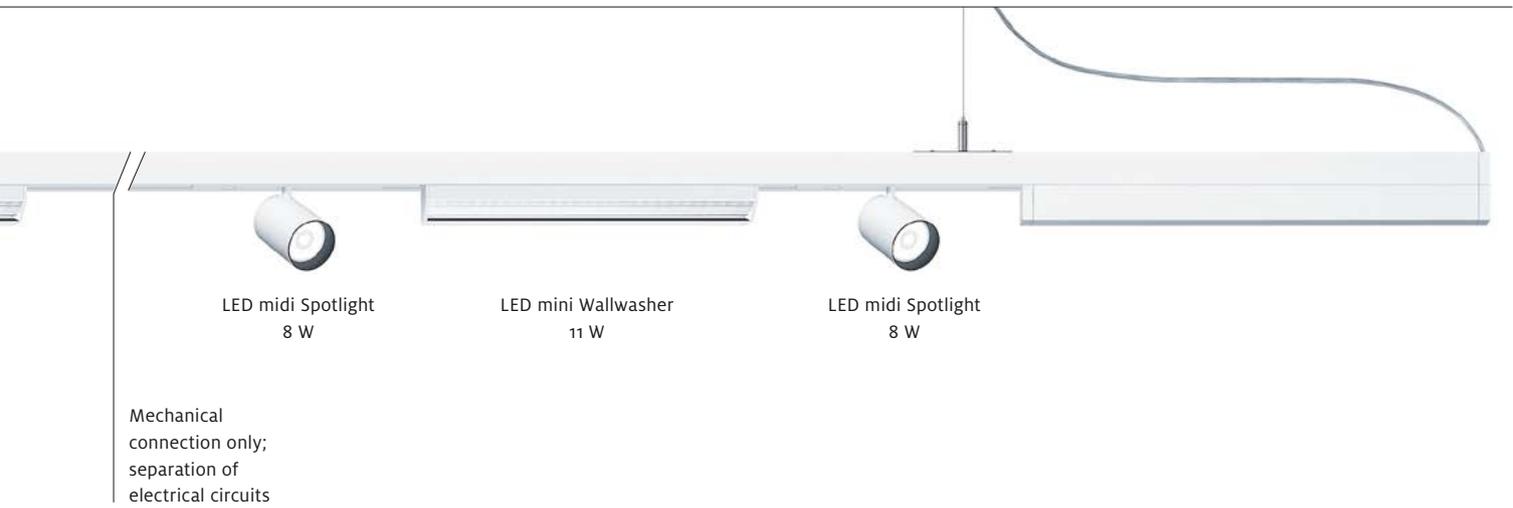
2 LED drivers (AC/DC mains adapter), 75 W, 48 V
Input to both ends of the rail; no electrical connection
in the centre of the rail

LED mini Wallwasher
11 W

LED midi Spotlight
8 W

LED mini Wallwasher
11 W

LED driver	Max. lighting units on two DC circuits
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



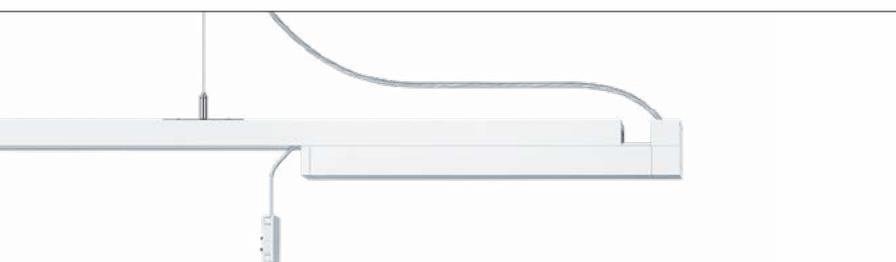
Simple installation and operation

Low-voltage track system

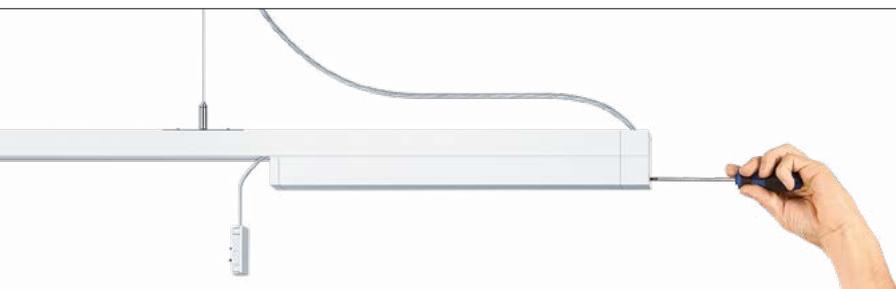
1 Slot LED driver (AC/DC mains adapter) into the rail

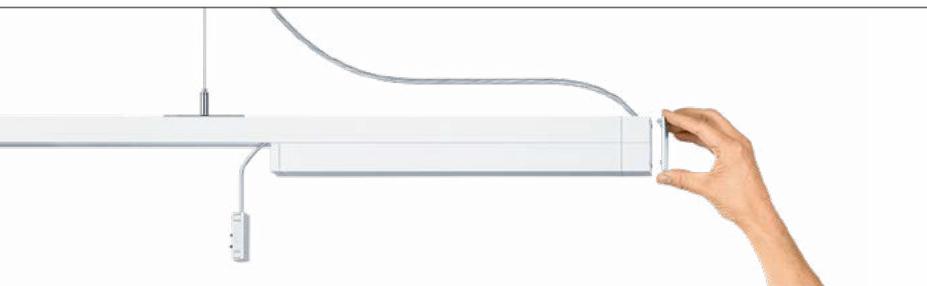
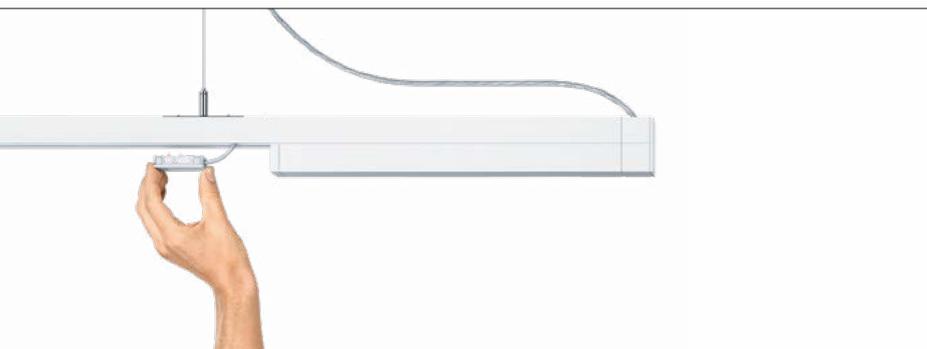


2 Attach LED driver (AC/DC mains adapter) to the power supply

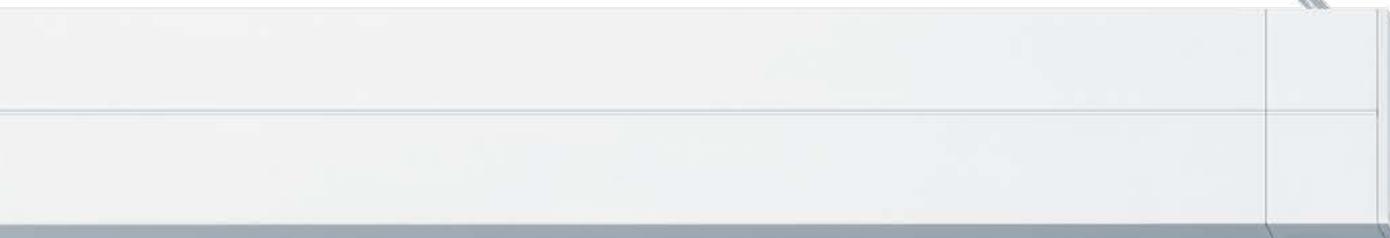


3 Attach LED driver (AC/DC adapter) to the rail



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

The focus was very much on both miniaturisation and simple installation during the further development of SUPERSYSTEM. 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 the light module into the rail

Slimline classics

Luminaires for a 3-phase track

On the 3-phase track: SUPERSYSTEM 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 exhibition spaces and sales areas with high ceilings.

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, 4000 K
Colour rendering	Ra > 90
Luminous flux	up to 700 lm
Control	dimmable 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
Spotlighting rating	LED 9 W (replaces Halogen 20–35 W)	LED 14 W to 22 W (replaces Halogen 35–50 W and HIT 20 W), 11 W (700 lm TW), 19 W (1000 lm TW)	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); tunableWhite 2700–6500 K (SDCM3)	2700 K, 3000 K, 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 to 1250 lm	For a mounting height of 3 m and a 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, Bluetooth® control with basicDIM Wireless (based on Casambi)	dimnable DALI, integrated dimmer dial
Accessories	Anti-glare ring, Louvre ring, Spill-light control rings	Anti-glare ring, Louvre ring, Spill-light control rings	

SUPERSYSTEM integral collection

Seamless and linear

Design: EOOS

SUPERSYSTEM integral Synchro Gimbal
and LED maxi Spotlight
3-phase track | channel | pendant





“The comprehensive planning tool is based on the poetic idea of stringently miniaturising the spotlight heads, enabling them to be perfectly integrated into a continuous linear structure. The system magically emits light from a slender groove as a recessed or track fitting. SUPERSYSTEM integral even makes it possible to adapt existing track installations, which improves efficiency and saves resources – and helps this system make an important contribution as a sustainable design solution.”

Harald Gründl, EOOS





SUPERSYSTEM integral Synchro Gimbal
and LED maxi Spotlight | 3-phase track

Nomen est omen

The integral collection

1



2



Integral. Because variety integrates perfectly into architecture.

The defining feature of the entire product group is seamless linearity – regardless of whether SUPERSYSTEM is used integrally as a single luminaire or installed on a track. Surface-mounted, built-in or pendant. Even with a channel, if required. And for the first time, this solution can be used for all types of lighting, from horizontal to vertical, from indirect to accent lighting.



1 Built-in
Stand-alone

2 Surface-mounted
3-phase track

3 Pendant
3-phase track
with channel cover

4 Built-in
3-phase track
in a channel









New look

A second life for the track

Integral. Because the lighting is quickly modernised.

A track is still as good today as it has always been. That is why it is now being reused to modernise lighting with the help of SUPERSYSTEM. Yet rather than any kind of mishmash, the result is a thoroughly straightforward solution. Very economical and very efficient. And the architectural benefit? Both tracks and stand-alone luminaires speak the same design language.

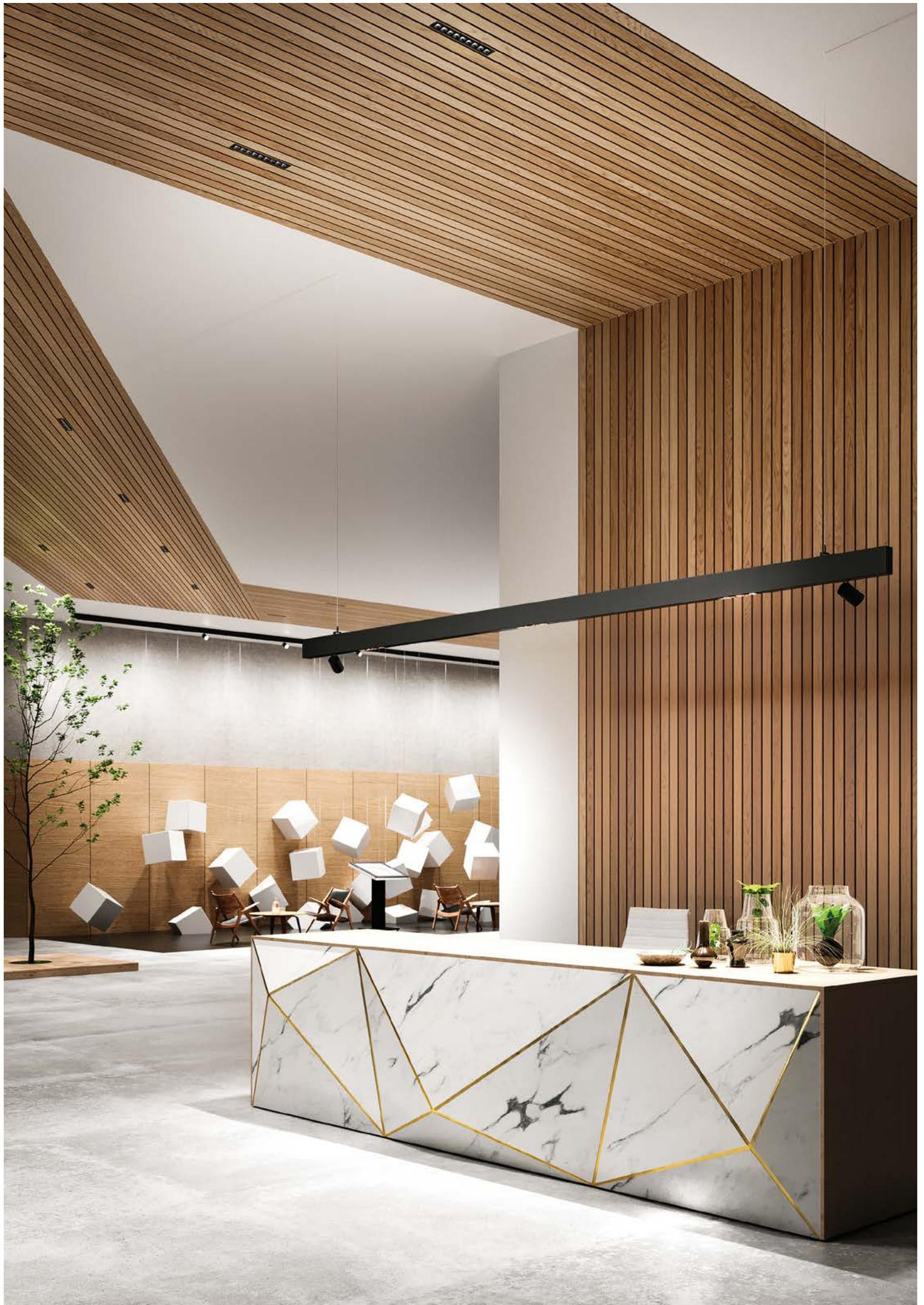


On a line with the 3-phase track

All the luminaires in the SUPERSYSTEM integral collection and even the adapters of the SUPERSYSTEM spots form a continuous line. If desired, the gaps can be closed with a blind cover.

With a channel cover

For a closed lighting solution that is reduced to an absolute minimum, both the new luminaires and the channel cover are simply clicked on.



Pure design

Everything from a single source

Integral. Because everything fits together perfectly.

Each individual luminaire fits the dimensions of the track. Fixed, rotatable and pivotable – the difference is hardly visible on the outside. Even the wallwasher blends discreetly into the system. High-quality surfaces complete the minimalist look, which nevertheless offers a high degree of personalisation. Luminaires and base reflectors can be combined in any colour.



Luminaire and cover:
 Black
 White

Base reflector:
 Black
 White
 Aluminium-sputtered
 Copper

1 Copper base reflector
 2 Device box with lock
 3 Synchro Gimbal function
 4 Aluminium-sputtered
 base reflector



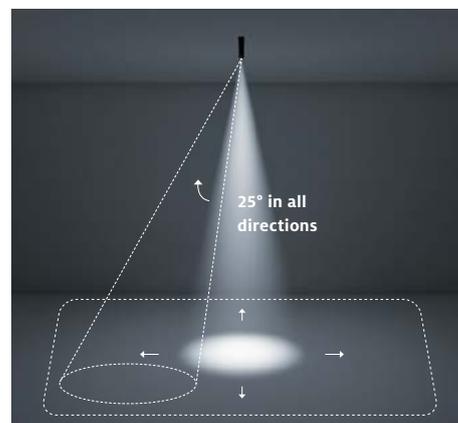
Gimbal accent lighting

Luminaires with Synchro Gimbal function



The new gimbal accent lighting

For a long time it seemed impossible to create a rotating cone of light with a linear luminaire. Now SUPERSYSTEM integral shows how it can be done, as synchronously tiltable reflectors and a pivotable light head rise to the challenge. The cones of light are homogeneous, are available in different beam angles and can be moved in all directions. This is precisely alignable accent lighting that always looks linear.



SUPERSYSTEM integral Synchro Gimbal
Blind cover | 3-phase track | surface-mounted



Synchro Gimbal track

Synchro Gimbal recessed luminaire

Function	Synchronous tilting up to 2 x 25° Pivots up to 2 x 25° in the channel Pivots up to 2 x 90° on the track	Synchronous tilting up to 2 x 25° Pivots up to 2 x 25°
Dimensions	398 x 35 x 76 mm	230 x 50 x 47 mm
Mounting	3-phase track with/without channel. Surface-mounted, pendant, built-in	Installation with or without frame
System capacity	6 x 4 W LED	6 x 4 W LED
Colour temperature	2700 K, 3000 K, 4000 K SDCM2	3000 K, 4000 K SDCM2
Colour rendering	Ra > 90	Ra > 90
Luminaire luminous flux	1450 to 1800 lm	1450 to 1800 lm
Lighting angle	Spot 12°, flood 27°, very wideflood 49°	Spot 12°, flood 27°, very wideflood 49°
Glare limitation	In non-tilted position: UGR < 0; viewing angle < 45°	In non-tilted position: UGR < 0; viewing angle < 45°
Base reflector colour	White, black, copper, aluminium-sputtered	White, black, copper, aluminium-sputtered
Control	DALI dimmable, basicDIM Wireless	DALI dimmable, basicDIM Wireless

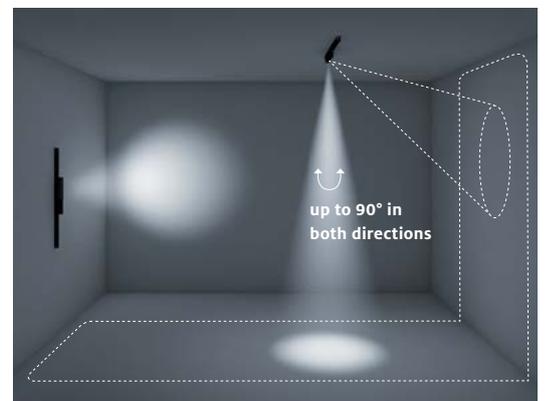
Pivotable light head

Illumination of horizontal and vertical surfaces



Downlights with added value

The light heads can be moved on the track in both directions by 90 degrees. They can also be moved 25 degrees in both directions in the channel. This allows recessed luminaires to fulfil a wide variety of lighting tasks. SUPERSYSTEM integral rounds off this flexible type of vertical and horizontal surface lighting with a high level of brilliance and outstanding glare control.



SUPERSYSTEM integral pivotable downlight
Blind cover | 3-phase track | surface-mounted



Pivotable downlight

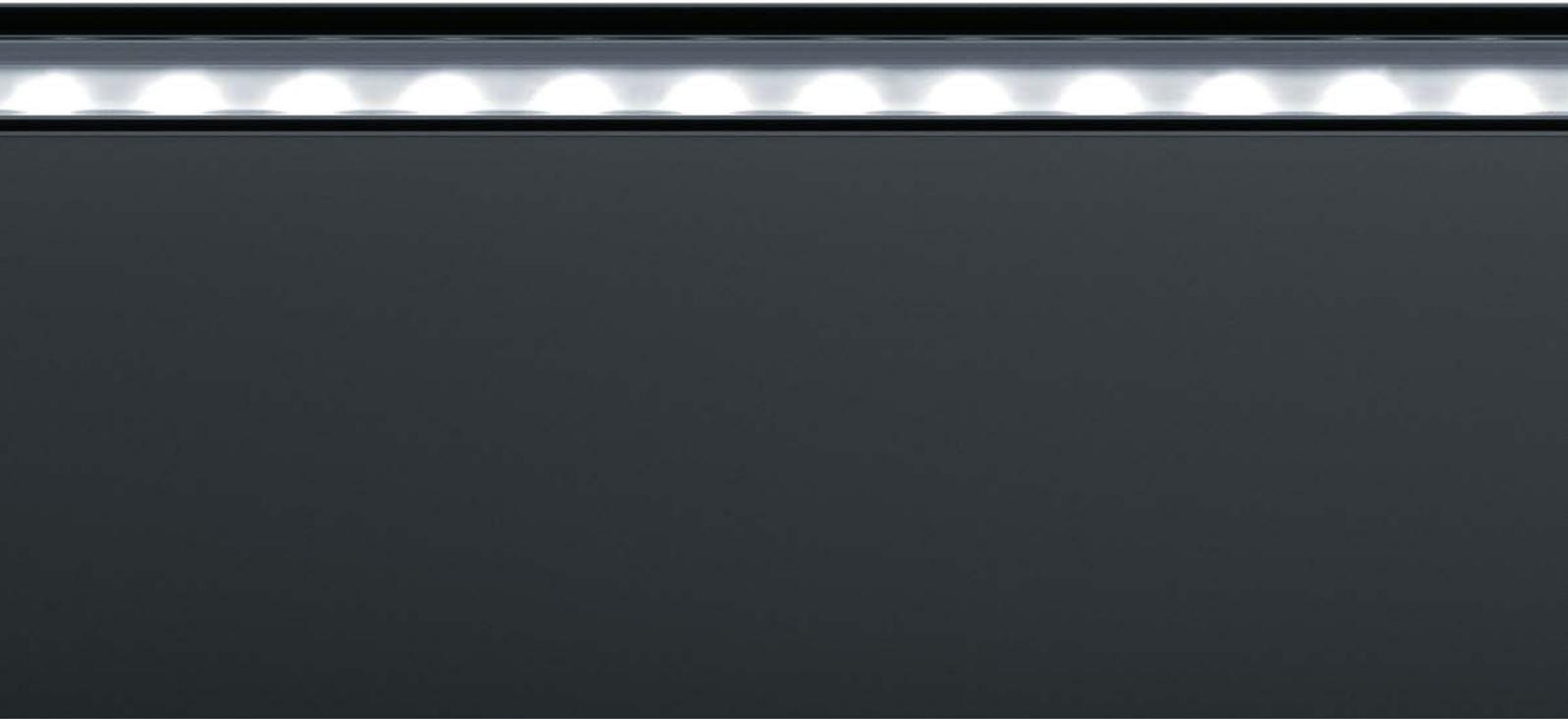
Function	Pivots up to 2 x 25° in the channel Pivots up to 2 x 90° on the track
Dimensions	398 x 35 x 76 mm
Mounting	3-phase track with/without channel. Surface-mounted, pendant, built-in
System capacity	6 x 4 W LED
Colour temperature	3000 K, 4000 K SDCM2
Colour rendering	Ra > 90
Luminaire luminous flux	1700 to 2100 lm
Lighting angle	Spot 12°, flood 27°, very wideflood 49°
Glare limitation	In non-tilted position: UGR < 0; viewing angle < 45°
Base reflector colour	White, black, copper, aluminium-sputtered
Control	DALI dimmable, basicDIM Wireless

Wall mounting

The option to mount the downlight horizontally or vertically on the wall means that areas like window displays in shops can also be highlighted from the side. This is because the pivoting mechanism remains unrestricted at all times to ensure maximum flexibility.

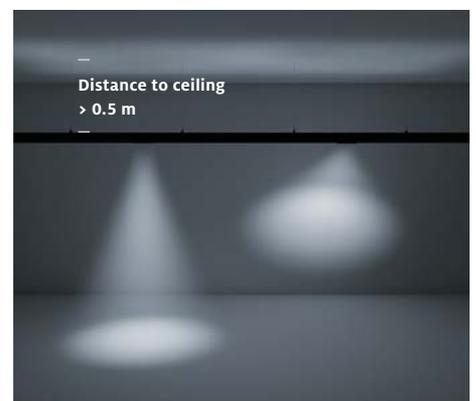
Indirect lighting

The light component for well-being

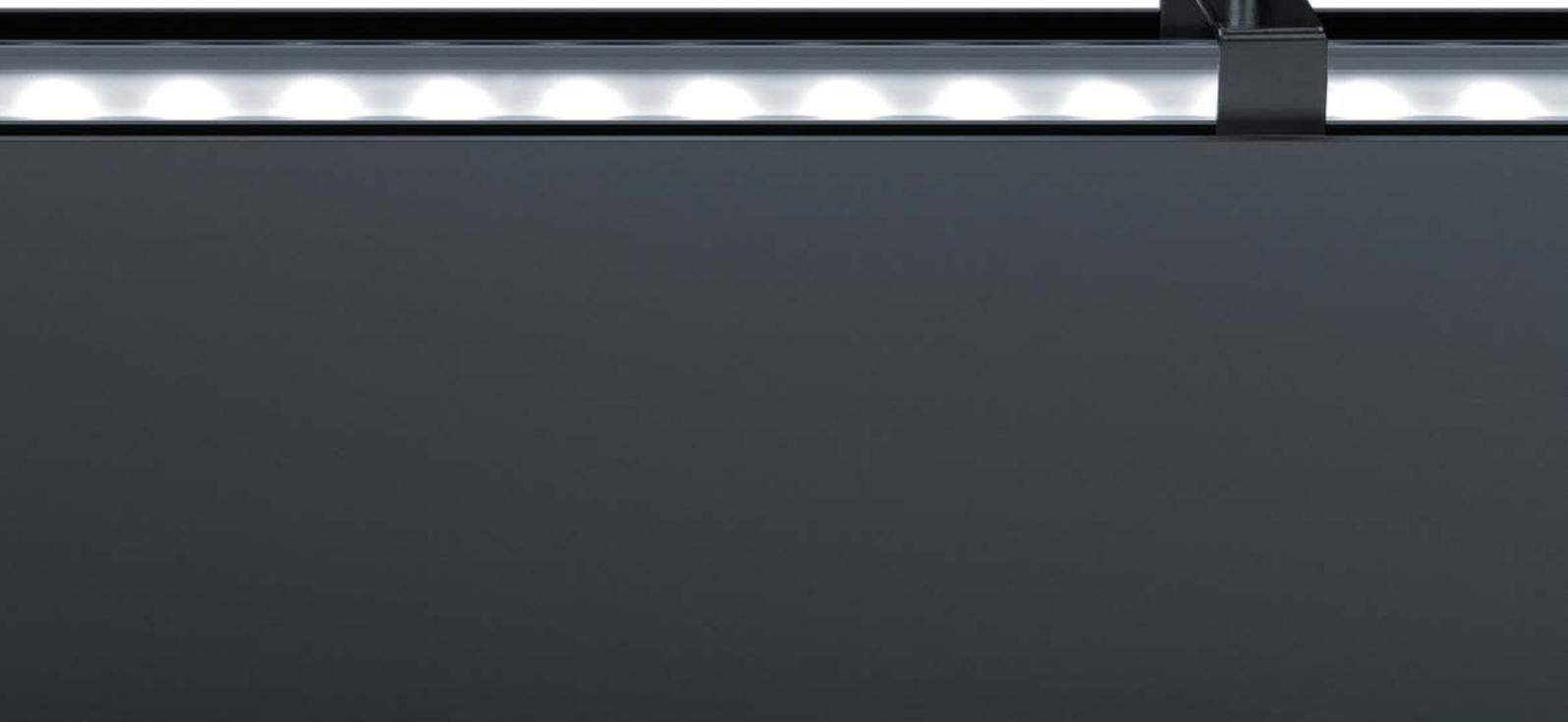


Direct-indirect solution with pendant and channel

Direct and indirect luminaires in the H track simultaneously fulfil essential lighting tasks and create a cosy ambience. Homogeneously illuminated ceilings are thereby able to exploit all the possibilities of direct lighting. With total linearity. Power for all luminaires is provided via the 3-phase track, which also transmits control commands for individual lighting scenarios.



SUPERSYSTEM integral indirect
3-phase track | H profile | channel | pendant



Indirect luminaire

Dimensions	1300 x 37 x 28 mm, device box 160 x 35 x 76 mm Ideal distance to ceiling > 0.5 m
Mounting	in H profile and channel
System capacity	15 W LED
Colour temperature	3000 K, 4000 K SDCM3
Colour rendering	Ra > 80
Luminaire luminous flux	1980 to 2070 lm indirect
Light distribution	Batwing 2 x 58°
Control	DALI dimmable, basicDIM Wireless



Modular design

At the top, the indirect luminaire. At the bottom, in a row with the direct modules, the device box. And in the middle, the H track. All beautifully concealed in a channel. A rich variety of cutting-edge lighting technology comes together in the smallest of spaces.

Built-in downlight

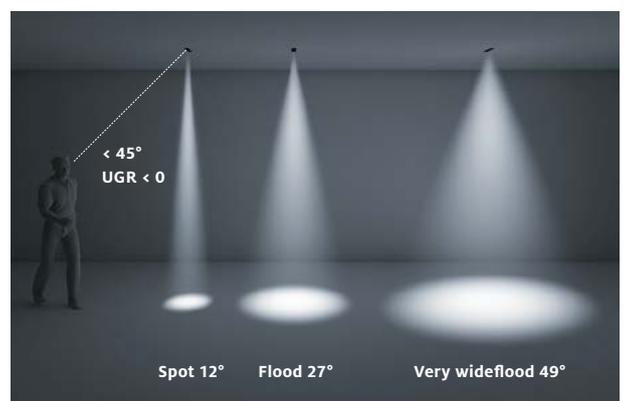
Horizontal surface lighting with emergency lighting option



SUPERSYSTEM integral built-in downlight
9 x 4 W | aluminium-sputtered reflector | black frame

Variety with a linear design language

SUPERSYSTEM integral offers lighting designers plenty of scope for illuminating horizontal surfaces. Various lumen packages, lighting angles and colour constellations help establish this compact downlight as a highly adaptable lighting tool. Even safety lighting can be almost invisibly integrated thanks to the emergency lighting option. With low luminance levels and a high level of visual comfort, the SUPERSYSTEM integral collection is also ideal for use in foyers, access zones and office spaces.





SUPERSYSTEM integral built-in downlight
6 x 4 W | copper reflector | black frame



SUPERSYSTEM integral built-in downlight
3 x 4 W | white reflector | white frame



Built-in downlight

Dimensions	DF3: 125 x 50 x 47 mm Replacement for downlights with a diameter of 68 mm DF6: 230 x 50 x 47 mm Replacement for downlights with a diameter of 100 mm 140 mm DF9: 335 x 50 x 47 mm Replacement for downlights with a diameter of 140 mm 190 mm
Mounting	Built-in with frame
System capacity	3 x 6 x 9 x 4 W LED
Colour temperature	2700 K, 3000 K, 4000 K SDCM2
Colour rendering	Ra > 90
Luminaire luminous flux	DF3: 800 to 100 lm DF6: 1700 to 2000 lm DF9: 2700 to 3000 lm
Lighting angle	Spot 12°, flood 27°, very wideflood 49°
Glare limitation	UGR < 0; viewing angle < 45°
Base reflector colour	White, black, copper, aluminium-sputtered
Control	DALI dimmable, basicDIM Wireless Emergency escape lighting (single and central battery)

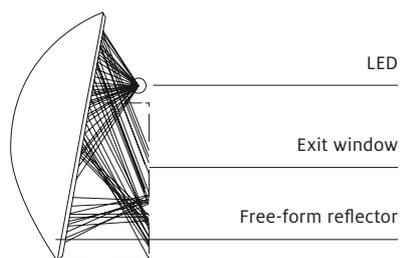
Wallwasher

Asymmetrical illumination of vertical surfaces

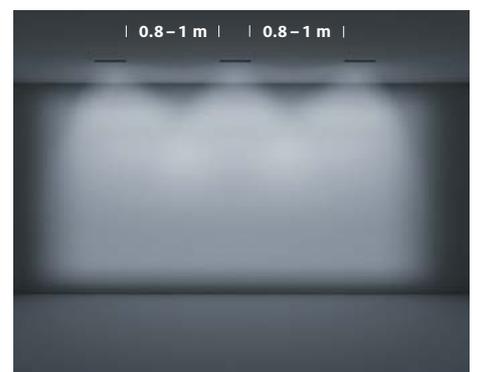


Wallwashing without light scatter

The miniaturised version of the liteCarve® free-form reflector now makes it possible. This solution emits 100 percent of the light directly, purposefully and evenly onto the vertical surface – with no glare and no light scatter on the front wall or ceiling. The integration of the design is just as sophisticated. The wallwasher fits precisely into the lines of the SUPERSYSTEM integral collection – both on the track and as a stand-alone version.



Technical highlight: The patented liteCarve® free-form reflector creates a rectangular cone of light from a round half disc. Homogeneous and perfectly glare-free.





SUPERSYSTEM integral built-in wallwasher | 9 x 4 W



Wallwasher



Built-in wallwasher

	Wallwasher	Built-in wallwasher
Function	Pivots up to 2 x 25° in the channel Pivots up to 2 x 90° on the track	
Dimensions	398 x 35 x 76 mm Ideal distance between the luminaires 0.8 – 1 m, for the vertical surface > 40% of the installation height	335 x 50 x 47 mm Ideal distance between the luminaires 0.8 – 1 m, for the vertical surface > 40% of the installation height
Mounting	3-phase track with/without channel. Surface-mounted, pendant, built-in	Built-in with frame
System capacity	6 x 4 W LED	9 x 4 W LED
Colour temperature	3000 K, 4000 K SDCM2	3000 K, 4000 K SDCM2
Colour rendering	Ra > 90	Ra > 90
Luminaire luminous flux	from 900 to 1000 lm	from 1300 to 1500 lm
Lighting angle	asymmetrical	asymmetrical
Base reflector colour	White, black	White, black
Control	DALI dimmable, basicDIM Wireless	DALI dimmable, basicDIM Wireless

Light line

Lighting of horizontal surfaces

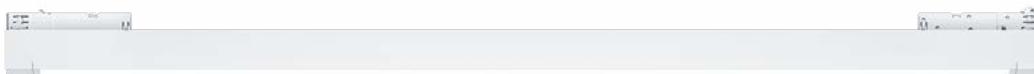


Wide-area light from flexible, slim lines

The biggest advantage of a lighting solution on tracks is its flexibility. However, providing multi-functional spaces such as lobbies, co-working spaces or shops with homogeneous, horizontal light does not require wide luminaires. What is required is wide, symmetrical light distribution. SUPERSYSTEM integral linear provides this via a high-quality, aluminium-sputtered polycarbonate primary reflector unit. Multi-layered MPO+ technology helps keep the light perfectly glare-free. The UGR value < 19 meets the requirements of EN 12464-2:2011 for the lighting of indoor workplaces.



SUPERSYSTEM integral linear
3-phase track | surface-mounted



	Light line
Optics	Micro-pyramidal optics Opal optics
Dimensions	837 x 35 x 76 mm 1085 x 35 x 76 mm 1333 x 35 x 76 mm
Mounting	3-phase track with/without channel Surface-mounted, pendant, recessed
System capacity	14 W 21 W 27 W LED
Colour temperature	3,000K, 4,000K SDCM2
Colour rendering	Ra > 90
Luminaire luminous flux	1300 lm 1800 lm 2300 lm
Lighting angle	Symmetrical, 62°
Glare limitation	UGR < 19
Control	Dimmable DALI

Tool-free installation on the track

A precise double locking mechanism on both ends of the light line secures the luminaire – even when mounted horizontally or vertically on the wall.

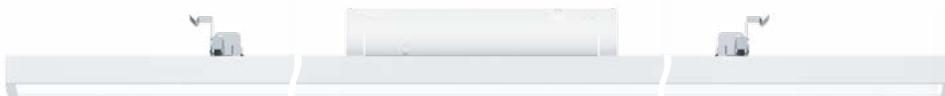
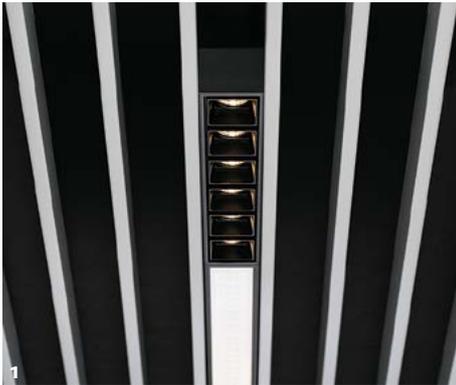
SUPERSYSTEM inline

Slimline individual luminaires for the lighting of horizontal surfaces

Linear design with excellent glare control

Whether surface-mounted, suspended or integrated in baffle ceilings without using tools: uniform and glare-free light with a UGR value < 19 and 2000 lumen per running metre make SUPERSYSTEM inline an EN 12464-2:2011-compliant light line for workplaces. Three different lengths and the option of combining linear luminaires with recessed downlights for brilliant accents offer creative freedom. The luminaires are ideal for baffle ceilings and come with springs for Haufe ceiling systems as standard.

SUPERSYSTEM inline
1 Recessed Haufe baffle ceiling
2 Surface-mounted luminaire
3 Pendant luminaire



	inline light line	inline recessed downlight
Optics	Micro-pyramidal optics, optional opal optics	6 miniaturised individual light heads
Dimensions	1018 x 38 x 25 mm (mounting 75 mm incl. driver housing) 1266 x 38 x 25 mm (mounting 75 mm incl. driver housing) 1514 x 38 x 25 mm (mounting 75 mm incl. driver housing)	218 x 38 x 101 mm (incl. driver housing)
Mounting	Recessed, surface-mounted, pendant Special springs for Haufe ceiling systems as standard	Recessed Special springs for Haufe ceiling systems
System capacity	21 W 26 W 32 W LED	25 W LED
Colour temperature	3000K, 4000K SDCM2	3000K, 4000K SDCM2
Colour rendering	Ra > 90	Ra > 90
Luminaire luminous flux	2000 lm 2500 lm 3000 lm	1800 lm
Lighting angle	Symmetrical 62°	Symmetrical Spot 12°, Flood 27°, Very Wideflood 49°
Glare limitation	UGR < 19	UGR < 13; viewing angle < 45°
Base reflector colour		White, black, copper, aluminium-coated
Control	Dimmable DALI	Switchable, dimmable DALI, basicDIM Wireless



T H E L I G H T



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