



**ZUMTOBEL**

## **SUPERSYSTEM**

Multifunctional lighting  
system with innovative  
LED hybrid technology.



# HUMANERGY BALANCE

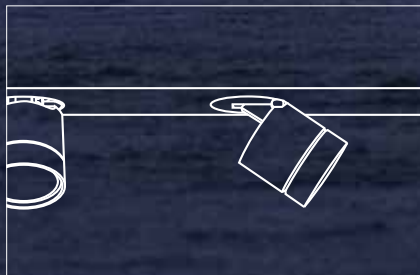
Lighting solutions for  
the balance between  
environment, energy  
and the individual.

## SUPERSYSTEM lighting quality

Linear and point light sources for diffuse and  
accent lighting

Different colour temperatures and indirect compo-  
nents with variable colours

Implemented using innovative hybrid technology



Neutral brightness and accent lighting  
attract visitors' attention.

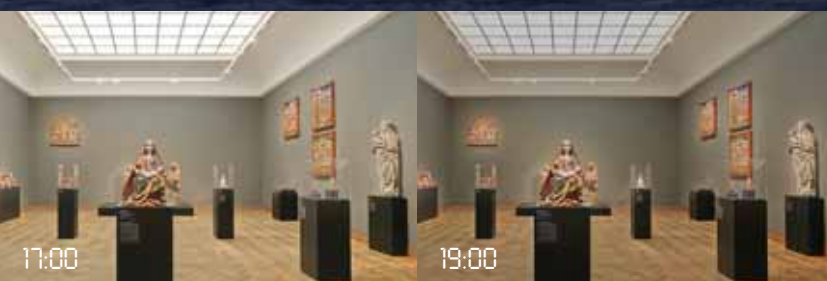


The relatively high colour temperature of  
the ambient lighting has the same stimu-  
lating effect as natural daylight.



## SUPERSYSTEM energy efficiency

Reduced consumption of energy and resources thanks to miniaturisation and direction of light in a focused manner  
Integration of LED technology and T16 luminaires for a long service life and high light output ratios



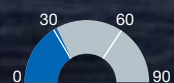
Targeted illumination emphasises details and materials if colour rendition is good.

Lighting emphasis for final opening hours with unchanging room ambience.

ELI  
Ergonomic Lighting  
Indicator



LENI  
Lighting Energy  
Numeric Indicator



Lighting quality assessed on the basis of five criteria:  
A Visual performance,  
B Vista,  
C Visual comfort,  
D Vitality,  
E Empowerment

Energy consumption in kWh per annum and per square metre, based on EN 15193.





**LIEBIGSHAUS – FRANKFURT (D)**

ARCHITECTS KUEHN MALVEZZI – Berlin

Lighting solution: H section with 2.5 W LED spotlights in triple modules

View into large Mediaeval Room.

Foreground: Enthroned Madonna and Child, Strasbourg, ca. 1470, limewood with original polychromy

The multifunctional LED SUPERSYSTEM sophisticatedly combines the very highest lighting quality with resource-efficient use of materials, excellent energy efficiency and extremely long maintenance intervals.



Max Hollein, Director, and Vinzenz Brinkmann, Director of Antiquities Collection, with marble statue of Athena of Myron, ca. 450 BC.



Unknown Saint, Strasbourg, ca. 1480/90, hardwood

Every detail of the warm colouring of the wood carving and its impressive workmanship are emphasised by subtle illumination. Excellent colour rendition allows this work of art to be appreciated in all its perfection.

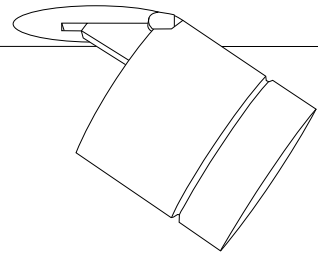
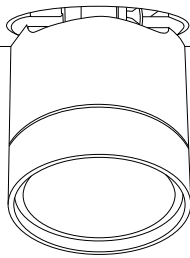


Witness of John the Baptist and scenes from the story of Jesus' birth, Metz, ca. 850, ivory relief

Uniform light distribution thanks to the advanced optic of the LED spotlight prevents outshining, and sets the work of art centre stage.

# **SUPERSYSTEM**

Design freedom and flexibility for functional aesthetics



DESIGN

SUPERSYMETRICS

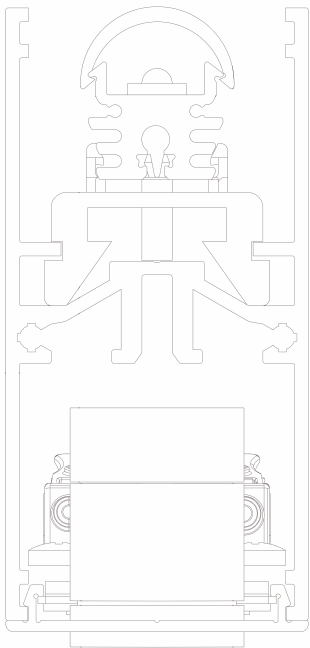
AYSIL SARI



System development focused primarily on the lighting effect in the room, not just on design. New, innovative technology has opened up completely new product design perspectives. It is possible to achieve maximum reduction of formal elements whilst minimising the use of resources – thanks to state-of-the-art LED technology. Lighting inserts such as spotlights, wallwashers or even direct/indirect components direct the light accurately and in a focused manner. The system's pared-down size creates a new quality, not only in architectural terms but also in terms of ecological and economic aspects.

# SUPERSYSTEM LED

Innovation and compact dimensions



**LED uplight** LED light line fitted in an H section. Indirect lighting with various white colour temperatures and RGB light colours provides an atmospheric room ambience.



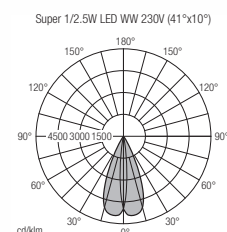
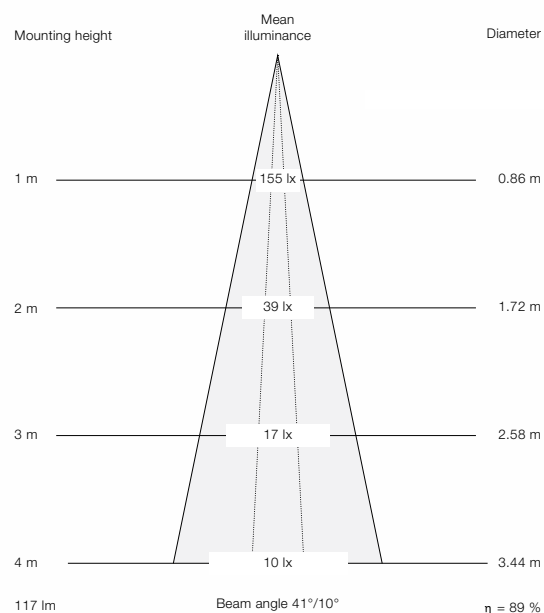


LED spotlight | Oval  
with anti-glare tube

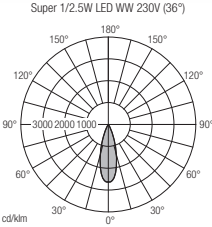
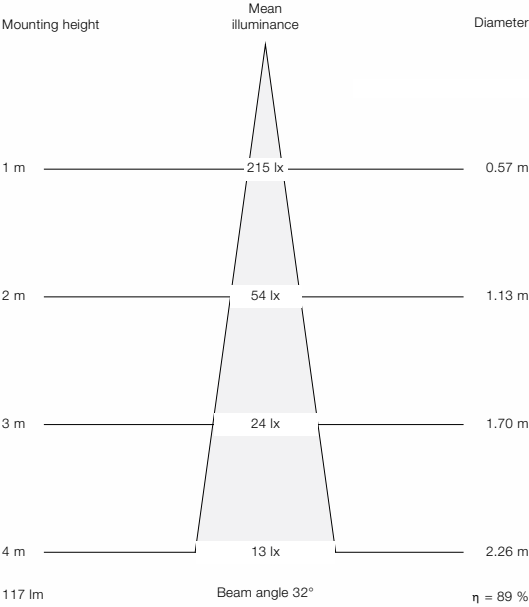
S section | scale 1:1

**SUPERSYSTEM** A multifunctional lighting system made of aluminium in a natural anodised finish, which makes it possible to implement complex lighting solutions in a design that is reduced to pure functionality. The extremely compact, energy-efficient, high-output LED spotlight is suitable for accent lighting, even from high fixing points. The LED spotlight can be installed on the track in various ways as a single or triple module, including control gear. An optionally available anti-glare ring provides improved protection against glare.

- Precise accent lighting with power consumption of just 2.5 W
- Rotates through 360°, pivots through 90°
- Selectable colour temperatures: warm (3100 K), intermediate (4600 K), cool (5500 K)
- Very good colour rendition ( $R_a = 90$ )
- IR-free and UV-free light for gentle illumination
- Optional replaceable optics (flood and oval outline lens)
- 45,000-hour service life



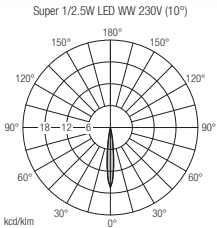
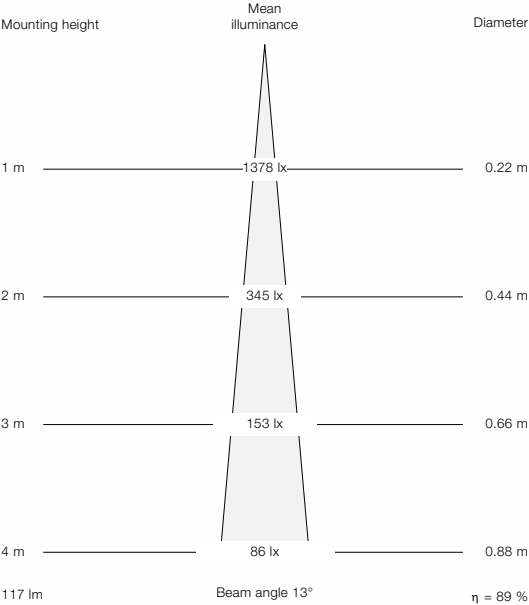
LED spotlight | Flood  
with anti-glare tube





LED spotlight | **Spot**  
with anti-glare tube

S section | **scale 1:1**

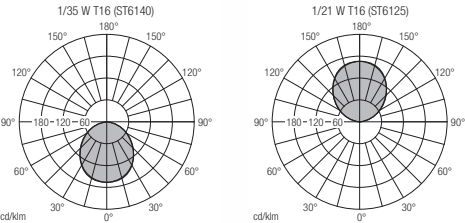


# SUPERSYSTEM

Flawless versatility



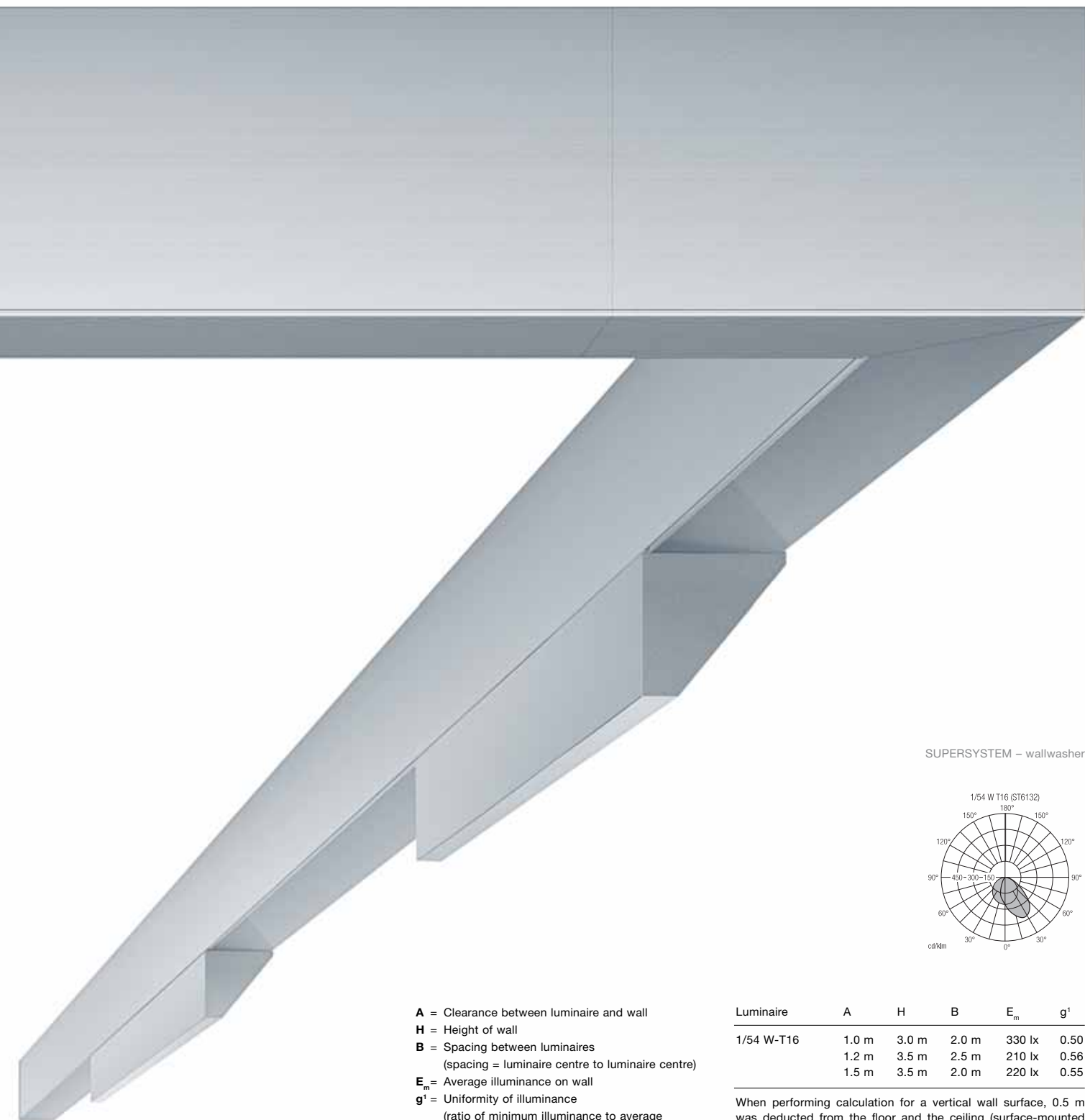
SUPERSYSTEM – T16 lighting insert  
direct and indirect | scale 1:1



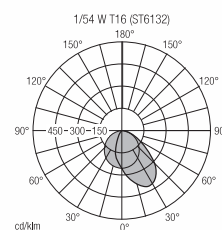
**AMBIENT LIGHTING** Combined direct and indirect light from a T16 light source for balanced lighting scenes. Direct and indirect lighting inserts are available with power ratings from 21 W upwards. A prismatic PMMA diffuser is available for direct lighting.

**WALLWASHER** Wallwasher version made of anodised aluminium to match miniaturised lighting system. Fitted with T16 fluorescent lamp (54 W) and asymmetric reflector for uniform illumination of vertical surfaces, with built-in electronic ballast.





SUPERSYSTEM – wallwasher



**A** = Clearance between luminaire and wall  
**H** = Height of wall  
**B** = Spacing between luminaires  
 (spacing = luminaire centre to luminaire centre)  
**E<sub>m</sub>** = Average illuminance on wall  
**g<sup>1</sup>** = Uniformity of illuminance  
 (ratio of minimum illuminance to average  
 illuminance)

Luminaire	A	H	B	E <sub>m</sub>	g <sup>1</sup>
1/54 W-T16	1.0 m	3.0 m	2.0 m	330 lx	0.50
	1.2 m	3.5 m	2.5 m	210 lx	0.56
	1.5 m	3.5 m	2.0 m	220 lx	0.55

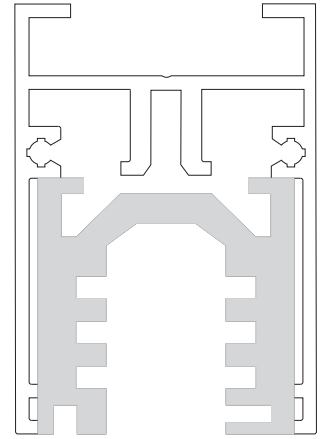
When performing calculation for a vertical wall surface, 0.5 m was deducted from the floor and the ceiling (surface-mounted luminaire).

## **SUPERSYSTEM**

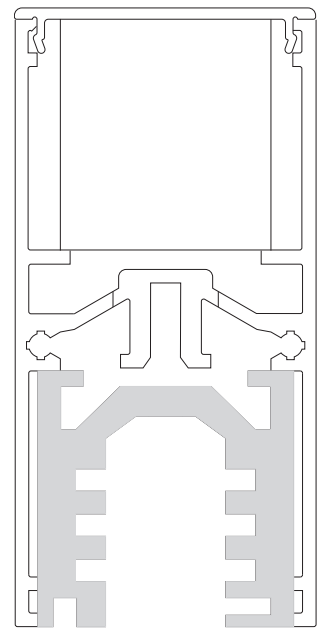
Accent lighting to suit every need



SUPERSYSTEM – track-mounted lighting insert | S section | **scale 1:1**  
ARCOS – design by David Chipperfield



S section | height 57 mm | width 40 mm



H section | height 81 mm | width 40 mm

**3-phase track** In the same design, but for realising lighting solutions that require higher light levels. The track is compatible with all standard 3-phase spotlights. Seamless connection is obtained via track electrical feed. This makes it possible to implement complex lighting solutions using a combination of conventional and LED technologies.

# SUPERSYSTEM

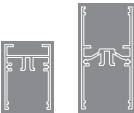
System versatility

**SUPERSYSTEM  
LED**

LED spotlights

LED indirect lighting

Connectors



**S section** (H 57 x W 40 mm)  
**H section** (H 81 x W 40 mm)

L 1000 / 2000 / 3000 / 4000 mm

Cord suspension (recessed  
and surface-mounted versions  
available in special design)

**SUPERSYSTEM – T16 LIGHTING INSERTS**




**SUPERSYSTEM  
3-phase track module**



3-phase spotlights






3-phase sections





3-phase connectors







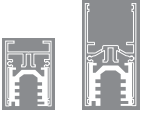



 <p>SUPERSYSTEM (single) LED lighting insert – 2.5 W with spot lens</p>	 <p>SUPERSYSTEM (triple) LED lighting insert – 3 x 2.5 W with spot lens</p>	<ul style="list-style-type: none"> <li>○ Replaceable lens 36°</li> <li>○ Replaceable lens 41° x 10°</li> </ul>	<ul style="list-style-type: none"> <li>● LED intermediate</li> <li>● LED cool</li> <li>● LED warm</li> </ul>	 Anti-glare tube
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 <p>LED light line Indirect lighting in upper part of H section</p>	 Installation kit DECOLINE H section
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 <p>X-connector 90° Mechanical connection, H and S section</p>	 <p>T-connector Mechanical connection, H and S section</p>	 <p>L-connector 90° Mechanical connection, H and S section</p>	 Mechanical connector H and S section   Cover plate track
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 <p>T16 wallwasher Lighting insert, asymmetrical light distribution H and S section</p>	 <p>T16 lighting insert Indirect and direct light distribution</p>	 Diffuser optic   Cover trim
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 <p>e.g. ARCOS</p>	 <p>e.g. TEMPURA</p>	 <p>e.g. SOLAR II</p>	 <p>e.g. VIVO</p>
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 <p>Standard section H and S section</p>	 <p>Extension section H and S section</p>	 <p>End section H and S section</p>	 <p>Electric feed Also connection to LED or T16 lighting insert</p>
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 <p>X-connector 90° Mechanical and electrical connection H and S section</p>	 <p>T-connector Mechanical and electrical connection H and S section</p>	 <p>L-connector 90° Mechanical and electrical connection H and S section</p>	 Mechanical connector   Electrical connector	 End cap integral track   Cover plate track
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## ELI and LENI – comparison

using the example of the lighting solution on pages 2–3

### ELI

Ergonomic Lighting Indicator:  
Lighting quality is assessed on the basis of five criteria.

- A** Visual performance
- B** Vista
- C** Visual comfort
- D** Vitality
- E** Empowerment

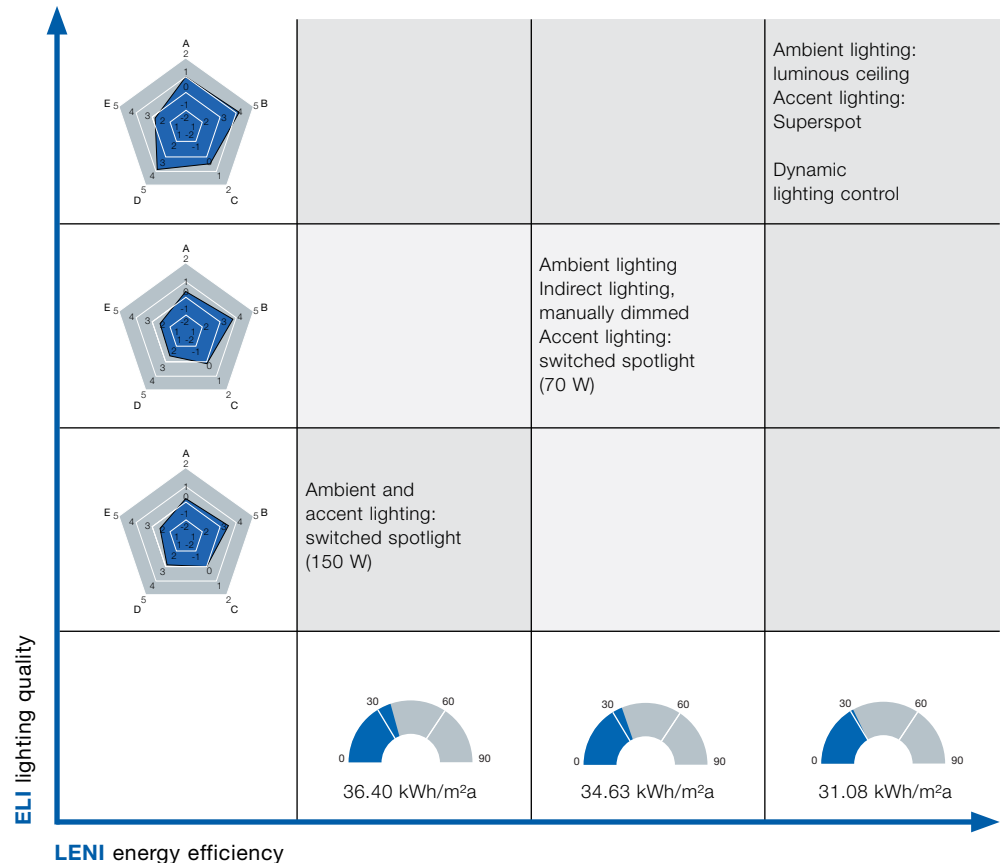
### LENI

Lighting Energy Numeric Indicator:  
This indicator of energy efficiency quantifies annual energy consumption in kWh per square metre based on EN 15193.

### Composing light

Dynamic light that adapts to suit the time of day and the task in hand. Use **VIVALDI** to create lighting compositions interactively. This easy-to-use computer program makes every aspect of energy efficiency and lighting quality viewable and measurable.

[www.zumtobel.com/vivaldi](http://www.zumtobel.com/vivaldi)



## SUPERSYSTEM – Selection guide

Lamps	ELI lighting quality	LENI energy efficiency
T16 lighting insert	Good to very good colour rendition Critical luminance levels, therefore ensure good glare control Direct/indirect, dimmable	High luminous flux levels Luminous efficiency as high as approx. 85 lm/W Long service life
LED lighting insert (single and triple module)	Precise illumination/IR-free and UV-free light Rotates through 360°, pivots through 90°, dimmable Colour temperatures: 3100 K, 4600 K or 5500 K	Long maintenance intervals Luminous efficiency is constantly increasing for white light Long service life
LED lighting insert	Lighting insert in H section for end-to-end direct or indirect lighting Coloured, changing light, dimmable Various colour temperatures	Long maintenance intervals Luminous efficiency is constantly increasing for white light Very efficient way to produce coloured light Long service life
3-phase spotlight	Directional illumination using conventional spotlights Flexible arrangement and alignment Various models and lamp inserts	Continuous operation with HIT or HST lamps Temporary dimming of QT lamps
Luminaire		
Wallwasher optic	Good, uniform illumination of vertical surfaces Open, bright room impression	Bright room effect even at low illuminance levels, for rooms with reflective ceilings and walls
Diffuser optic	Clear, uniform appearance Light source is concealed	High light output ratio
Replaceable lens 10°/36°	Spot or flood beam pattern for targeted illumination	Spot or flood beam pattern for targeted illumination
Ballast		
Electronic ballast	Flicker-free, low noise, no strobing effects, reduced physical stress compared with magnetic ballasts, for example, Environmentally compatible	Higher luminous efficiency Longer service life Automatic switch-off at end of lamp life Increased safety
Dimmable electronic ballast	Same as for electronic ballast, is also dimmable	Same as for electronic ballast, low standby losses (0.3 to 0.5 W)

## SUPERSYSTEM LED lighting unit (1 lamp unit)



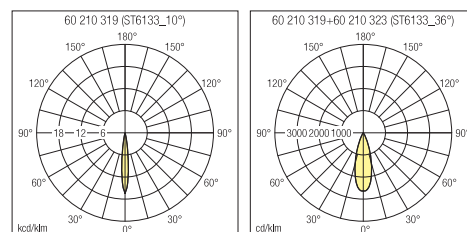
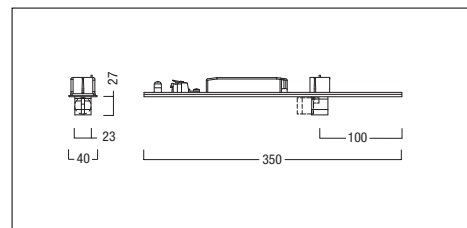
- Lighting unit containing one LED spotlight lamp unit
- Rotates through 360°, pivots through 90°
- Spotlight can be fixed exactly in position
- Light colours: warm white, neutral white and daylight white
- UV-free and IR-free light
- SPOT beam pattern
- 2-piece LED spotlight lamp unit made of milled aluminium in silver anodised finish
- The front cylinder of the lamp unit is designed to take the replacement lens
- Luminaire spine made of extruded aluminium section in natural anodised finish
- Includes control gear (700 mA), dimmable or 350 mA models available on request
- Mains voltage: 230–240 V / 50/60 Hz
- Connection: 3-pole terminal strip with plug-in connection
- Through-wiring is possible

## Lighting unit with 1 LED spotlight, tilting

	kg	Order no.
1/2,5 W LED neutral white, spot	0.4	60 210 320
1/2,5 W LED daylight white, spot	0.4	60 210 342
1/2,5 W LED warm white, spot	0.4	60 210 319

## Accessory

Anti-glare cylinder	60 210 325
Oval outline lens	60 210 324
Replacement lens with wideflood beam pattern	60 210 323



## SUPERSYSTEM LED lighting unit (3 lamp units)



- Lighting unit containing three LED spotlight lamp units
- Rotates through 360°, pivots through 90°
- Spotlight can be fixed exactly in position
- Light colours: warm white, neutral white and daylight white
- UV-free and IR-free light
- SPOT beam pattern
- 2-piece LED spotlight lamp unit made of milled aluminium in silver anodised finish
- The front cylinder of the lamp unit is designed to take the replacement lens
- Luminaire spine made of extruded aluminium section in natural anodised finish
- Includes control gear (700 mA), dimmable or 350 mA models available on request
- Mains voltage: 230–240 V / 50/60 Hz
- Connection: 3-pole terminal strip with plug-in connection
- Through-wiring is possible

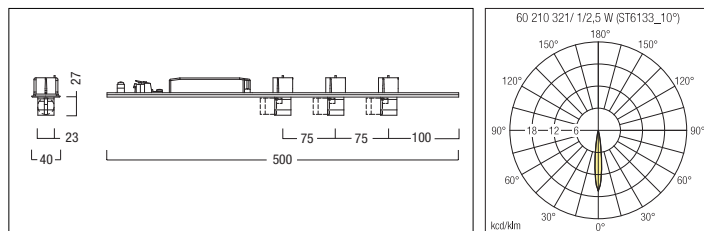
## Lighting unit with 3 LED spotlights, tilting

	kg	Order no.
3/2,5 W LED neutral white, spot	0.5	60 210 322
3/2,5 W LED daylight white, spot	0.5	60 210 343
3/2,5 W LED warm white, spot	0.5	60 210 321

## Accessory

Anti-glare cylinder	60 210 325
Oval outline lens	60 210 324
Replacement lens with wideflood beam pattern	60 210 323

Light distribution characteristic only shown for one lamp unit



## SUPERSYSTEM T16 lighting unit wallwasher

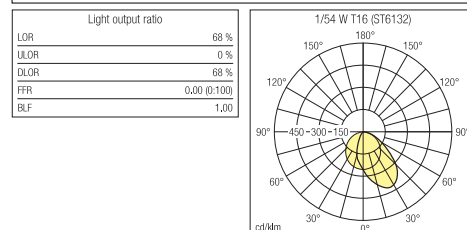
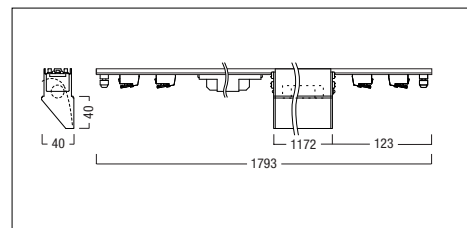


- Lighting unit has asymmetric beam pattern when used as wallwasher
- Aluminium luminaire housing in silver anodised finish
- With matt anodised aluminium reflector
- Galvanized sheet-steel fitting
- Lampholder: G 5
- With electronic ballast
- Mains voltage: 220–240 V / 50/60 Hz
- 3-pole terminal block or 5-pole terminal block for dimmable version
- Through-wiring is possible

## Wallwasher lighting unit

	kg	Order no.	Order no.
1/54 W T16	1.8	60 210 309	60 210 318

electronic dimmable Dali



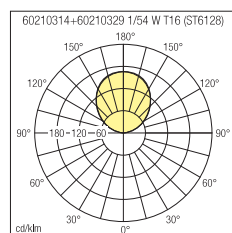
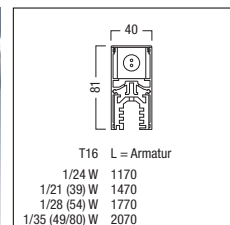
## SUPERSYSTEM T16 lighting unit



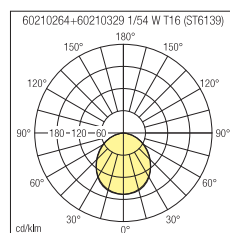
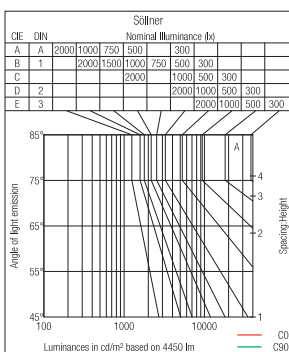
- Lighting module for indirect and direct illumination
- Fixture made of white coated sheet steel
- Lampholder: G 5
- With electronic ballast
- Mains voltage: 220–240 V / 50/60 Hz
- 3-pole plug-in connector, 5-pole for DALI dimmable version
- Through-wiring is possible
- Lighting module must be used with diffuser

### Lighting insert

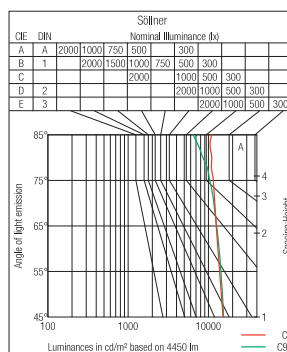
	kg	Order no.	Order no.
1/21 W T16	1.4	60 210 261	60 210 311
1/24 W T16	1.0	60 210 260	60 210 310
1/28 W T16	1.6	60 210 263	60 210 313
1/35 W T16	1.8	60 210 265	60 210 315
1/39 W T16	1.4	60 210 262	60 210 312
1/49 W T16	1.8	60 210 266	60 210 316
1/54 W T16	1.6	60 210 264	60 210 314
1/80 W T16	1.9	60 210 267	60 210 317



Light output ratio	
LOR	44 %
ULOR	44 %
DLOR	0 %
FFR	1267.40 (100.0)
BLF	1.00
Classification	
LITG	E03
LG7	55°~200cd/m <sup>2</sup> 65°~200cd/m <sup>2</sup>
BZ	
UTE	
Flux Codes	0 0 0 443



Light output ratio	
LOR	44 %
ULOR	0 %
DLOR	44 %
FFR	0.00 (0.100)
BLF	1.00
Classification	
LITG	A40
LG7	
BZ	
UTE	0.44 D
Flux Codes	220 356 424 443 443



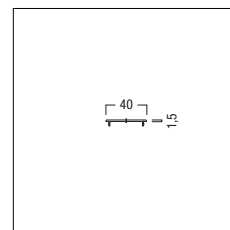
## SUPERSYSTEM diffuser optic



- Caps the hole in the mounting section on the top or bottom face
- Material: PMMA, white
- For uniformly diffused light distribution
- Customer can cut to desired length
- Special lengths available on request

### Diffuser

	kg	Order no.
Length 2000 mm	0.2	60 210 329
Length 4000 mm	0.4	60 210 330



## SUPERSYSTEM installation kit SYSTEMLED DECOLINE Basic



- Designed to take the SYSTEMLED DECOLINE BASIC system as a lighting unit in the SUPERSYSTEM-H standard section (upper part only); see section on SYSTEMLED lighting inserts

### Installation kit

For receptacles for SYSTEM DECOLINE Basic	Order no.
	60 210 326



## DECOLINE BASIC for individual installation

kg Order no.



- Module includes 90° lens, optimised for illuminating alcoves or recesses
- Modules come in different lengths for creating custom total lengths
- Warm-white, neutral-white, blue and variable RGB light colours
- Supplied via separate power packs (24 V DC), switchable or PWM dimmable
- RGB colour mixing via three-channel control gear
- Lighting-module housing made of extruded aluminium section, silver-look anodised finish
- Interconnecting cable inc. cable connector, depending on module length
- Class of protection III, IP20
- Please place control gear separately
- Warm-white LED model has 3000 K colour temperature; neutral-white LED has 4200 K colour temperature; other light colours available on request
- Use mounting clips or tiltable mounting bracket to fit to framework
- Other linear lenses are available as accessories and can be cut to module lengths by the customer
- Linear lenses 60 210 294 and 60 210 295 are not suitable for blue modules and RGB modules
- Only suitable for indoor use in moisture-proof environments

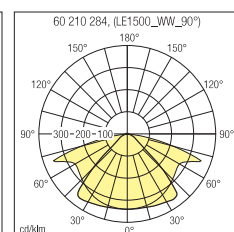
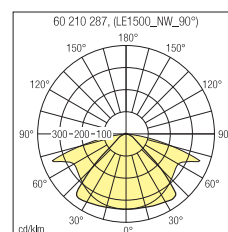
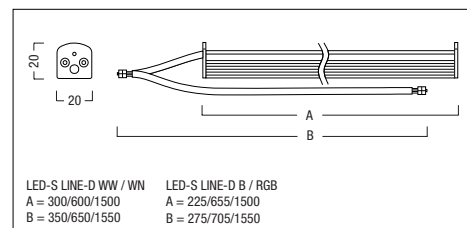
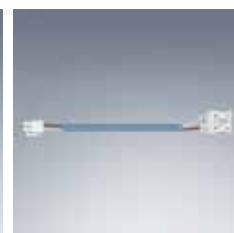
## DECOLINE for individual installation with connecting cable

LED-S LINE-D BASIC 1500 mm, blue, 14 W, 24 V	0.8	60 210 290
LED-S LINE-D BASIC 1500 mm, neutral white, 32.1 W, 24 V	0.8	60 210 287
LED-S LINE-D BASIC 1500 mm, red/green/blue (RGB), 5.6/8.4/4.9 W, 24 V	0.8	60 210 293
LED-S LINE-D BASIC 1500 mm, warm white, 32.1 W, 24 V	0.8	60 210 284
LED-S LINE-D BASIC 225 mm, blue, 2 W, 24 V	0.1	60 210 288
LED-S LINE-D BASIC 225 mm, red/green/blue (RGB), 0.8/1.2/0.7 W, 24 V	0.1	60 210 291
LED-S LINE-D BASIC 300 mm, neutral white, 7.2 W, 24 V	0.2	60 210 285
LED-S LINE-D BASIC 300 mm, warm white, 7.2 W, 24 V	0.2	60 210 282
LED-S LINE-D BASIC 600 mm, neutral white, 14.3 W, 24 V	0.3	60 210 286
LED-S LINE-D BASIC 600 mm, warm white, 14.3 W, 24 V	0.3	60 210 283
LED-S LINE-D BASIC 655 mm, blue, 6 W, 24 V	0.4	60 210 289
LED-S LINE-D BASIC 655 mm, red/green/blue (RGB), 2.4/3.6/2.1 W, 24 V	0.4	60 210 292

## Accessory

Feeder set for RGB (4-pin)	60 210 333
Feeder set for white/blue (2-pin)	60 210 332
30° linear lens for white LED modules, 2000 mm	60 210 294
60° linear lens for white LED modules, 2000 mm	60 210 295

Please order control gear separately.



## SUPERSYSTEM-H standard section

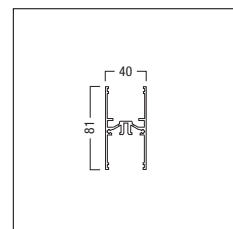
kg Order no.



- For connecting sections and connectors
- Extruded aluminium mounting section in silver anodised finish
- The upper and lower sections are designed to take optional T16 lighting units, LED spotlight units (lower section only), SYSTEMLED DECOLINE Basic (upper section only) and covers
- Upper section: designed to take optional steel cord suspension
- Through-wiring is possible

## Standard section

Length 1000 mm	1.4	60 210 300
Length 2000 mm	2.7	60 210 301
Length 3000 mm	4.0	60 210 302
Length 4000 mm	5.4	60 210 303



I...I Shared properties SUPERSYSTEM-H connector	<ul style="list-style-type: none"><li>■ Extruded aluminium mounting section in silver anodised finish</li><li>■ Includes mechanical connectors (without eccentric balancing fixture)</li></ul>	<ul style="list-style-type: none"><li>■ Through-wiring is possible</li><li>■ Steel-cable suspension cannot be used with connectors</li></ul>
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SUPERSYSTEM-H 90° connector

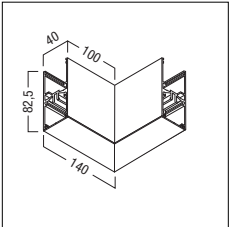


- I...I
- Mechanical connection of two standard sections
- Lower section: fitted with cover
- Upper section: designed to take optional cover

90° connector

kg      Order no.

0.6      60 210 304



SUPERSYSTEM-H T-connector

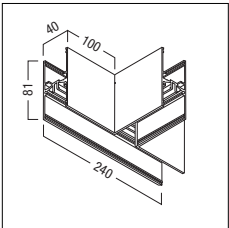


- I...I
- Mechanical connection of three standard sections
- Upper and lower sections: designed to take optional cover

T-connector

kg      Order no.

0.8      60 210 305



SUPERSYSTEM-H cross-connector

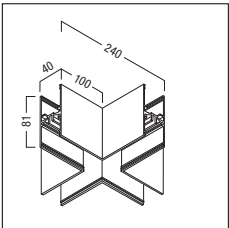


- I...I
- Mechanical connection of four standard sections
- Upper and lower sections: designed to take optional cover

Cross-connector

kg      Order no.

1.1      60 210 306



SUPERSYSTEM-H connector (mechanical)

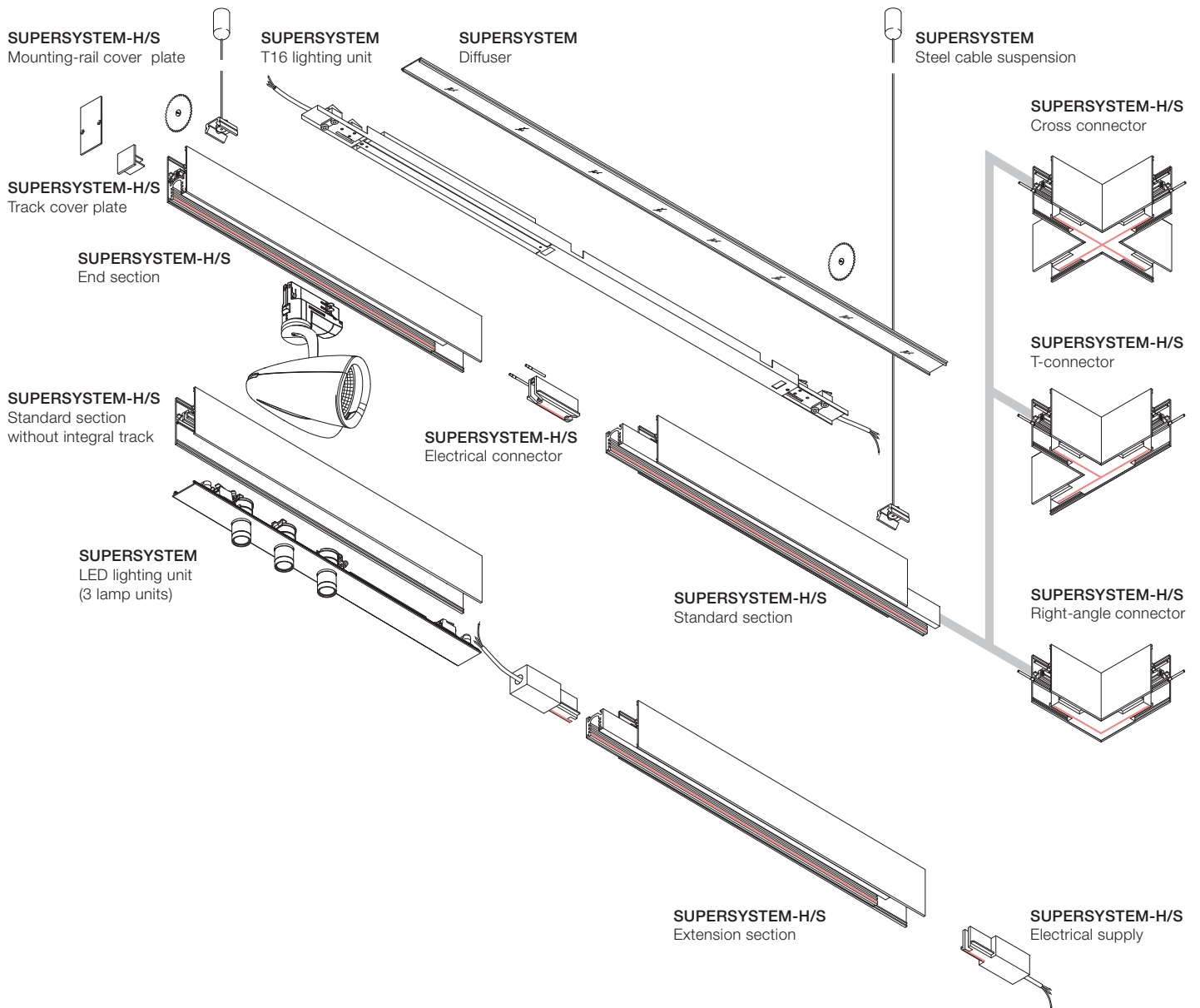


- Mechanical connection of two standard sections
- For pendant suspension of mounting sections using steel cord
- Includes eccentric fixture for balancing
- Material: extruded aluminium section in silver anodised finish
- Includes mechanical connector

Mechanical connector with eccentric balancing fixture

Order no.

60 210 331



#### I...I Shared properties SUPERSYSTEM-H 3-phase stand- ard section

- Extruded aluminium mounting section in silver anodised finish
- Lower section: integral 3-phase track, black
- Designed to take spotlights with 3-phase universal adapter
- Upper section: designed to take optional T16 lighting units, SYSTEMLED DECOLINE Basic, covers and steel cord suspensions
- Through-wiring (3-pole) possible in top section

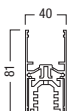
#### SUPERSYSTEM-H 3-phase standard section



- I...I
- Connects to extension sections, end profiles and connectors

##### Standard section

	kg	Order no.
3-phase, length 1000 mm	2.4	60 210 240
3-phase, length 2000 mm	4.6	60 210 241
3-phase, length 3000 mm	6.9	60 210 242
3-phase, length 4000 mm	9.1	60 210 243



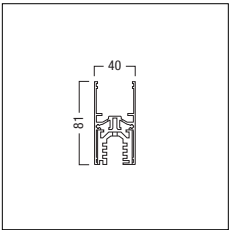
SUPERSYSTEM-H 3-phase extension section



- |...|
- Connects to standard sections, end sections, connectors and electrical feed
- Track can be rotated in mounting section if required to fit PE conductor
- Customer can cut to desired length

Extension section

3-phase, length 1000 mm	2.3	60 210 244
3-phase, length 2000 mm	4.5	60 210 245
3-phase, length 3000 mm	6.8	60 210 246
3-phase, length 4000 mm	9.0	60 210 247



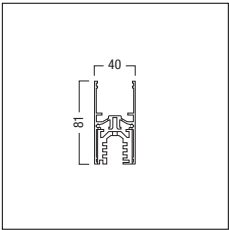
SUPERSYSTEM-H 3-phase end section



- |...|
- System termination
- Connects to standard sections, extension sections and connectors
- Track can be rotated in mounting section if required to fit PE conductor
- Customer can cut to desired length

End section

3-phase, length 1000 mm	2.2	60 210 248
3-phase, length 2000 mm	4.4	60 210 249
3-phase, length 3000 mm	6.7	60 210 250
3-phase, length 4000 mm	8.9	60 210 251





I...I Shared properties  
SUPERSYSTEM-H 3-phase con-  
nector

- Extruded aluminium mounting section in silver anodised finish
- Includes mechanical connector
- Upper section: designed to take optional cover
- Through-wiring (3-pole) possible in top section
- Steel-cable suspension cannot be used with connectors

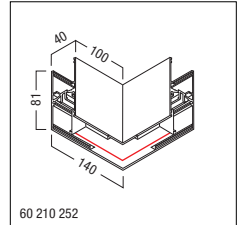
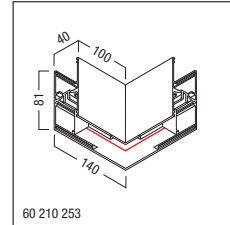
**SUPERSYSTEM-H 3-phase right-angle connector**



- I...I
- For electrical and mechanical connection of two standard/extension sections
- Lower section: integral 3-phase right-angle connector (black) for electrical connection of two tracks
- For electrical supply to two tracks
- Protective earth conductor inside (outside)
- Polarisation key outside (inside)

**90° angle connector**

3-phase PE conductor in outer track	0.5	60 210 252
3-phase PE conductor in inner track	0.5	60 210 253



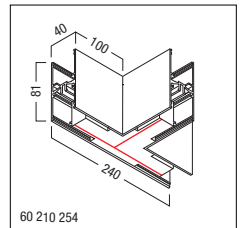
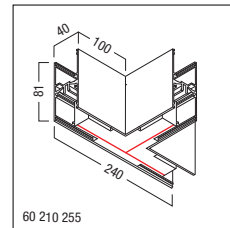
**SUPERSYSTEM-H 3-phase T-connector**



- I...I
- For electrical and mechanical connection of three standard/extension sections
- Lower section: integral T-connector (black) for electrical connection of three tracks
- For electrical supply to three tracks
- Protective earth conductor right (left) and outside
- Polarisation key left (right) and inside

**T-connector**

3-phase PE conductor in outer, left track	0.7	60 210 255
3-phase PE conductor in outer, right track	0.7	60 210 254



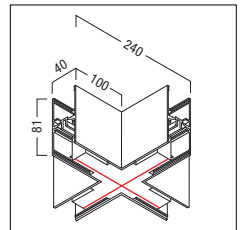
**SUPERSYSTEM-H 3-phase cross-connector**



- I...I
- For electrical and mechanical connection of four standard/extension sections
- Lower section: integral 3-phase cross-connector (black) for electrical connection of four tracks
- For electrical supply to four tracks

**Cross connector**

3-phase	0.9	60 210 256
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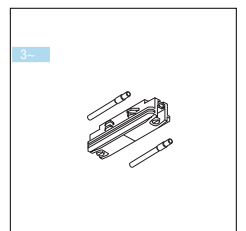
**SUPERSYSTEM-H 3-phase electrical connector**



- Electrical connection between two tracks in mounting section
- Colour: black
- Includes mechanical connector

**Connector**

3-phase electrical	60 210 258
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SUPERSYSTEM-H 3-phase electrical feed

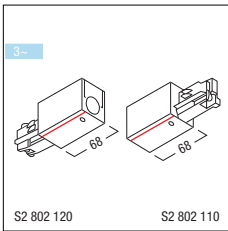
Order no.



- For electrical feed to one end of the extension section or for through-wiring for lighting units (LED, T16)
- Protective conductor right (left)
- Polarisation lug left (right)

Electrical feed

3-circuit protective earth conductor left	S2 802 120
3-circuit protective earth conductor right	S2 802 110



SUPERSYSTEM-H track end cap

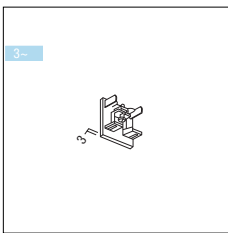
Order no.



- For capping the track ends

Cover plate (track)

3-circuit	S2 802 210
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SUPERSYSTEM-H pair of end caps

Order no.



- Caps the mounting-section ends

Pair of end caps for SUPERSYSTEM-H section with integral track (2 caps)	60 210 257
Pair of end caps for SUPERSYSTEM-H section without integral track (2 caps)	60 210 327



SUPERSYSTEM-S standard section

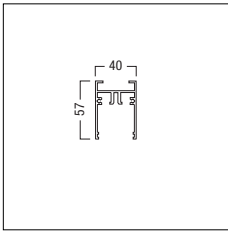
kg Order no.



- For connecting sections and connectors
- Extruded aluminium mounting section in silver anodised finish
- Lower section: designed to take optional T16 lighting units, LED spot-light units and covers
- Through-wiring is possible
- Upper section: designed to take optional steel cord suspension

Standard section

Length 1000 mm	1.1	60 210 334
Length 2000 mm	2.1	60 210 335
Length 3000 mm	3.2	60 210 336
Length 4000 mm	4.3	60 210 337



## I...I Shared properties

## SUPERSYSTEM-S connector

- Extruded aluminium mounting section in silver anodised finish
- Includes mechanical connectors (without eccentric balancing fixture)
- Through-wiring is possible
- Steel-cable suspension cannot be used with connectors

## SUPERSYSTEM-S 90° connector

kg

Order no.

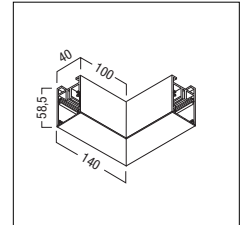


- I...I
- Mechanical connection of two standard sections
- Lower section: fitted with cover

## 90° connector

0.6

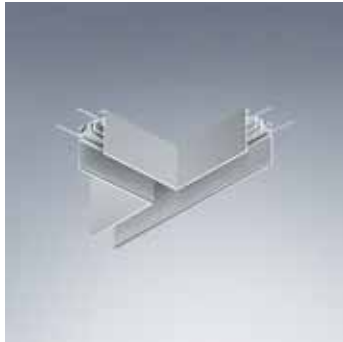
60 210 338



## SUPERSYSTEM-S T-connector

kg

Order no.

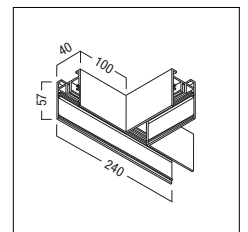


- I...I
- Mechanical connection of three standard sections
- Lower section: can be fitted with optional cover

## T-connector

0.8

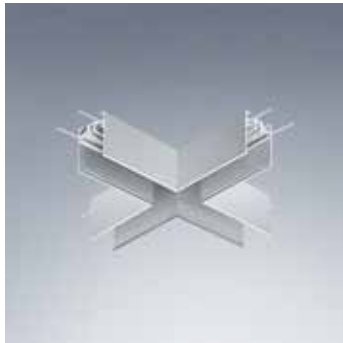
60 210 339



## SUPERSYSTEM-S cross-connector

kg

Order no.

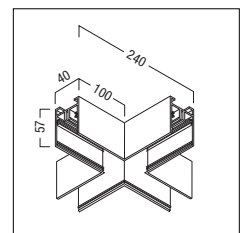


- I...I
- Mechanical connection of four standard sections
- Lower section: can be fitted with optional cover

## Cross-connector

1.0

60 210 340



## SUPERSYSTEM-S connector (mechanical)

Order no.



- Mechanical connection of two standard sections
- For pendant suspension of mounting sections using steel cord
- Includes eccentric fixture for balancing
- Material: extruded aluminium section in silver anodised finish
- Includes mechanical connector

## Mechanical connector with eccentric balancing fixture

60 210 331

I...I Shared properties SUPERSYSTEM-S 3-phase section	<ul style="list-style-type: none"><li>■ Extruded aluminium mounting section in silver anodised finish</li><li>■ Lower section: integral 3-phase track, black</li></ul>	<ul style="list-style-type: none"><li>■ Designed to take spotlights with 3-phase universal adapter</li><li>■ Upper section: designed to take optional steel cord suspension</li></ul>
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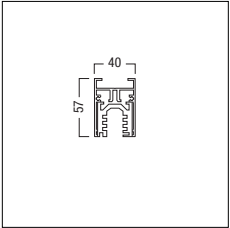
SUPERSYSTEM-S 3-phase standard section



- I...I
- Connects to extension sections, end profiles and connectors

Standard section

	kg	Order no.
3-phase, length 1000 mm	2.3	60 210 222
3-phase, length 2000 mm	4.4	60 210 223
3-phase, length 3000 mm	6.6	60 210 224
3-phase, length 4000 mm	8.7	60 210 225



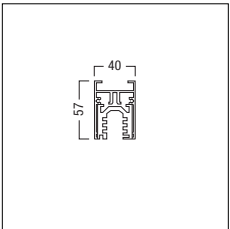
SUPERSYSTEM-S 3-phase extension section



- I...I
- Connects to standard sections, end sections, connectors and electrical feed
- Track can be rotated in mounting section if required to fit PE conductor
- Customer can cut to desired length

Extension section

	kg	Order no.
3-phase, length 1000 mm	2.2	60 210 226
3-phase, length 2000 mm	4.3	60 210 227
3-phase, length 3000 mm	6.5	60 210 228
3-phase, length 4000 mm	8.6	60 210 229



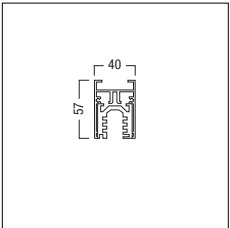
SUPERSYSTEM-S 3-phase end section



- I...I
- System termination
- Connects to standard sections, extension sections and connectors
- Track can be rotated in mounting section if required to fit PE conductor
- Customer can cut to desired length

End section

	kg	Order no.
3-phase, length 1000 mm	2.1	60 210 230
3-phase, length 2000 mm	4.2	60 210 231
3-phase, length 3000 mm	6.4	60 210 232
3-phase, length 4000 mm	8.5	60 210 233



I...I Shared properties  
SUPERSYSTEM-S 3-phase  
connector

- Extruded aluminium mounting section in silver anodised finish
- Includes mechanical connector
- Steel-cable suspension cannot be used with connectors

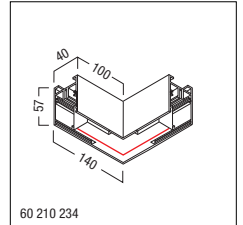
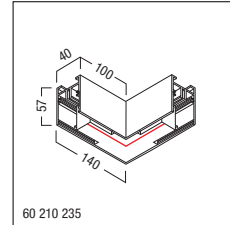
### SUPERSYSTEM-S 3-phase right-angle connector



- I...I
- For electrical and mechanical connection of two standard/extension sections
- Lower section: integral 3-phase right-angle connector (black) for electrical connection of two tracks
- For electrical supply to two tracks
- Protective earth conductor inside (outside)
- Polarisation key outside (inside)

#### 90° angle connector

	kg	Order no.
3-phase PE conductor in inner track	0.4	60 210 235
3-phase PE conductor in outer track	0.4	60 210 234



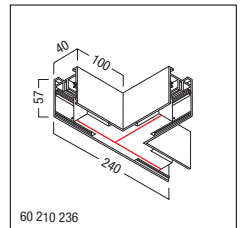
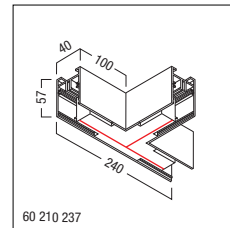
### SUPERSYSTEM-S 3-phase T-connector



- I...I
- For electrical and mechanical connection of three standard/extension sections
- Lower section: integral T-connector (black) for electrical connection of three tracks
- For electrical supply to three tracks
- Protective earth conductor right (left) and outside
- Polarisation key left (right) and inside

#### T-connector

	kg	Order no.
3-phase PE conductor in outer, left track	0.6	60 210 237
3-phase PE conductor in outer, right track	0.6	60 210 236



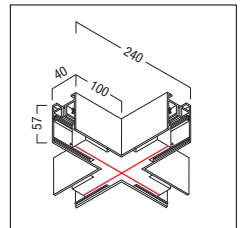
### SUPERSYSTEM-S 3-phase cross-connector



- I...I
- For electrical and mechanical connection of four standard/extension sections
- Lower section: integral 3-phase cross-connector (black) for electrical connection of four tracks
- For electrical supply to four tracks

#### Cross connector

	kg	Order no.
3-phase	0.8	60 210 238



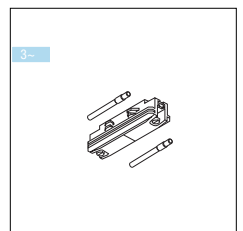
### SUPERSYSTEM-S 3-phase electrical connector



- Electrical connection between two tracks in mounting section
- Colour: black
- Includes mechanical connector

#### Connector

	Order no.
3-phase electrical	60 210 258



SUPERSYSTEM-S 3-phase electrical feed

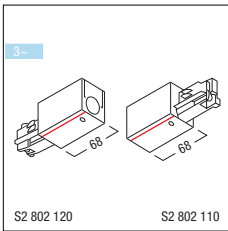
Order no.



- For electrical feed to one end of the extension section or for through-wiring for lighting units (LED, T16)
- Protective conductor right (left)
- Polarisation lug left (right)

Electrical feed

3-circuit protective earth conductor left	S2 802 120
3-circuit protective earth conductor right	S2 802 110



SUPERSYSTEM-S track end cap

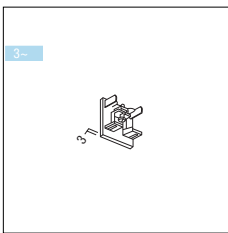
Order no.



- For capping the track ends

Cover plate (track)

3-circuit	S2 802 210
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SUPERSYSTEM-S pair of end caps

Order no.



- Caps the mounting-section ends

Pair of end caps for SUPERSYSTEM-S section without integral track (2 caps)	60 210 328
Pair of end caps for SUPERSYSTEM-S section with integral track (2 caps)	60 210 239



SUPERSYSTEM cover section

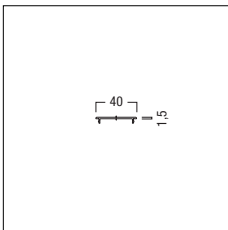
kg Order no.



- Caps the hole in the mounting section on the top or bottom face
- Material: extruded aluminium section in silver anodised finish
- Customer can cut to desired length
- Special lengths available on request

Cover section

Length 2000 mm	0.4	60 210 307
Length 4000 mm	0.8	60 210 308



SUPERSYSTEM steel cord suspension

Order no.



- With ceiling point
- Maximum load: 20 kg
- Steel cord suspension (kit) comprises: suspension cover, steel cord and patented suspension mechanism for continuous height adjustment
- Black curved trim
- Pendant mounting fixture (60 210 341) with eccentric fixture for balancing
- Steel cord suspension required every 4000 mm

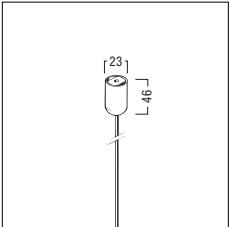
Steel cord suspension with ceiling rose

2000 mm	60 280 062
5000 mm	60 280 064

Accessory

Fixing piece for pendant installation (silver anodised)	60 210 341
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Bracket must be ordered separately.





#### INDUSTRY AND ENGINEERING



#### SPORT AND LEISURE



#### TRANSIT AREAS AND PARKING



#### OFFICES AND COMMUNICATION



#### PRESENTATION AND RETAIL



#### HOTEL AND WELLNESS



#### ART AND CULTURE



#### HEALTH AND CARE



Zumtobel is the internationally leading supplier of integral lighting solutions for a wide variety of applications in professional interior lighting:

**Industry and engineering**  
**Offices and communication**  
**Education and science**  
**Presentation and retail**  
**Hotel and wellness**  
**Art and culture**  
**Health and care**  
**Sport and leisure**  
**Transit areas and parking**  
**Orientation and safety**

We provide unique customer benefit by integrating technology, design, emotion and energy efficiency. Under the Humanergy Balance concept, we combine the best possible ergonomic lighting quality for people's well-being with the responsible use of energy resources.

The company's own sales organisations in twenty countries as well as commercial agencies in fifty other countries form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

**Corporate goal:** We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment.



# ZUMTOBEL

Track and spots		<b>United Kingdom</b> Zumtobel Lighting Ltd. Unit 4 - The Argent Centre, Pump Lane London Hayes/Middlesex UB3 3BL T +44/(0)20 8589 1800 F +44/(0)20 8756 4800 M enquiriesuk@zumtobel.com www.zumtobel.co.uk
Modular lighting systems		
Down-/uplights		<b>USA and Canada</b> Zumtobel Lighting Inc. Location Highland 3300 Route 9W Highland, New York 1258-2630 T +1/(0)845/691 62 62 F +1/(0)845/691 62 89 www.zumtobel.us www.zumtobel.ca
Recessed luminaires		<b>Australia and New Zealand</b> Zumtobel Lighting Pty Ltd 333 Pacific Highway North Sydney, NSW 2060 T +61/(2)8913 5000 F +61/(2)8913 5001 M info@zumtobel.com.au www.zumtobel.com.au
Surface-mounted and endant luminaires		
LED, task, wall and uplights		<b>China</b> Zumtobel Lighting China Beijing Office T5-2-152 Tayuan Diplomatic Compound No. 1 Xin Dong Road, Chaoyang District 100600 Beijing T +86/(10) 8532 3886 F +86/(10) 8532 3889 M admin@zumtobel.com.hk
Continuous row and batten luminaires		
High-bay luminaires		<b>Hong Kong</b> Zumtobel Lighting Hong Kong Unit 319, Level 43, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Chung, N.T. T +852/(0)2503 0466 F +852/(0)2503 0177 M admin@zumtobel.com.hk
Luminaires with extra protection		
Lighting management		
Emergency lighting		
Medical supply systems		

**United Arab Emirates**  
Zumtobel Lighting GmbH (Branch)  
Dubai Airport Free Zone,  
Building 6W, B Block, 233  
PO Box 54302  
Dubai  
T +971/(0)4 299 3530  
F +971/(0)4 299 3531

**Norway**  
Zumtobel Belysning  
Pilestredet 75 C  
0354 Oslo  
Postbox 5829 Majorstuen  
0308 Oslo  
T +47/22 46 85 00  
F +47/22 46 85 02  
M info.se@zumtobel.com

**Sweden**  
Zumtobel Belysning  
Birger Jarlsgatan 57  
113 56 Stockholm  
T +46/(0)8/26 26 50  
F +46/(0)8/26 26 05  
M info.se@zumtobel.com  
www.zumtobel.se

**Denmark**  
Light Makers AS  
Indiavej 1  
2100 Copenhagen  
T +45/(0)35 43 70 00  
F +45/(0)35 43 54 54  
M ralf.ritter@lightmakers.dk  
www.lightmakers.dk

**Czech Republic and Slovak Republic**  
Zumtobel Lighting s.r.o.  
Jankovcova 2  
Praha 7  
170 00 Praha  
T +420/(2) 66 782 200  
F +420/(2) 66 782 201  
M praha@zumtobel.com  
www.zumtobel.cz

**Poland**  
Zumtobel Licht GmbH Sp.z.o.o.  
Przedstawicielstwo w Polsce  
ul. Narbutta 46/48  
02-541 Warszawa  
T +48/(22) 856 7431  
F +48/(22) 856 7432  
www.zumtobel.pl

**Russia**  
Zumtobel Lighting GmbH  
Official Representative Office  
Skakovaya Str. 17  
Bld. No 1, Office 1104  
125040 Moscow  
T +7/(495) 945 36 33  
F +7/(495) 945 16 94  
www.zumtobel.ru

**Slovenia and Croatia**  
Zumtobel Licht d.o.o.  
Dunajska cesta 159  
1000 Ljubljana  
T +386/(1) 56 09 820  
F +386/(1) 56 09 866  
M bzslowenien@zumtobel.si  
www.zumtobel.si

**Headquarters**  
Zumtobel Lighting GmbH  
Schweizer Strasse 30  
Postfach 72  
6851 Dornbirn, AUSTRIA  
T +43/(0)5572/390-0  
F +43/(0)5572/22 826

Zumtobel Licht GmbH  
Grevensmarschstrasse 74-78  
32657 Lemgo, GERMANY  
T +49/(0)5261 212-0  
F +49/(0)5261 212-7777  
www.zumtobel.de

**www.zumtobel.com**

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