



SUPERSYSTEM outdoor

LED outdoor luminaire

Multi-zone lighting for effective design of outdoor areas.

[linked](#)

All order numbers in the PDF are linked to the Zumtobel online catalogue.

SUPERSYSTEM outdoor is breaking new ground.

Multiple light tubes create a uniquely refined luminaire. As a result, the outdoor lighting gains in visual quality, design competence and precision. The best glare suppression increases visual comfort and well-being. Directed, well-dosed light also actively protects against light pollution. The luminaire itself deliberately stays in the background and results in continuous design through all applications. Multi-zone light distribution and pivoting tubes on request make it possible.





Conventional street lighting



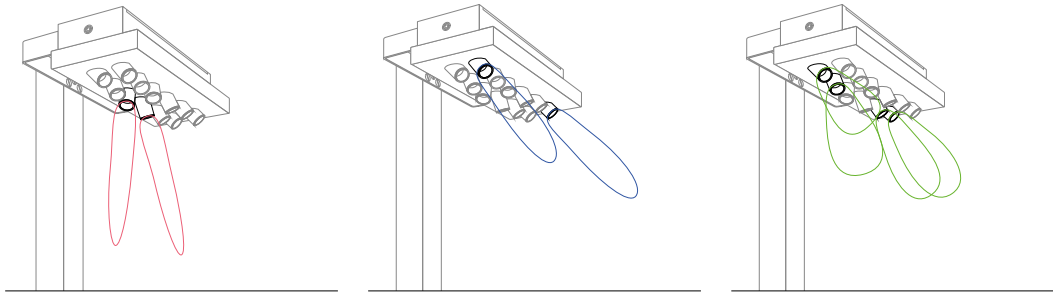
Street lighting with SUPERSYSTEM outdoor



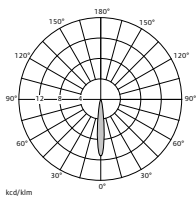
Lighting that makes an area effective.

Conventional street lights primarily brighten horizontal areas. However, this is not sufficient to design an outdoor area impressively. SUPERSYSTEM outdoor includes both vertical as well as horizontal areas in the lighting concept – the spatial structure can thus also be experienced at night. Unique visual comfort is produced by division of the amount of light: Light emitted from multiple tubes prevents too high light pressure, limits the glare and distinguishes the luminaire as visually restraining lighting tool.

Three individually combinable optics enable customised multi-zone light distribution. Example presentation of the concept:

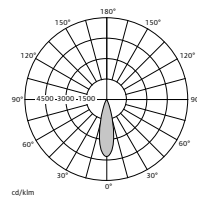


Spot Optics



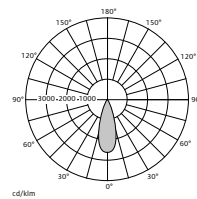
Beam angle 11°

Flood Optics



Beam angle 27°

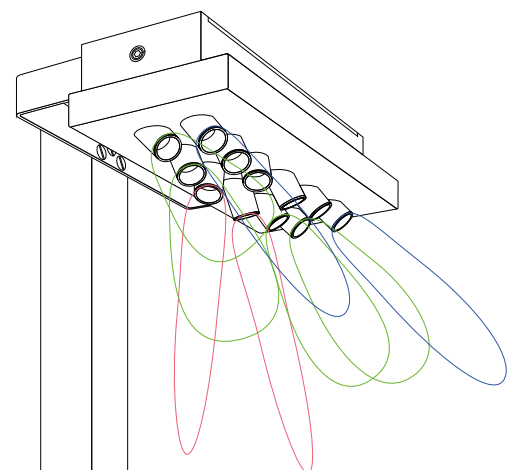
Wide Flood Optics



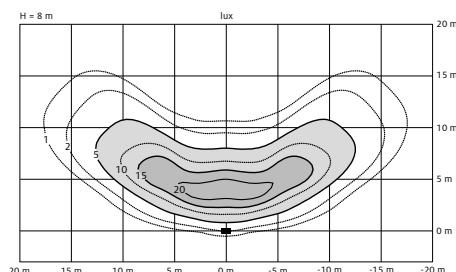
Beam angle 40°

Lighting that combines integration with precision.

As a modular luminaire family, SUPERSYSTEM outdoor fulfils many different outdoor lighting tasks – always precise because every tube is equipped with the respective appropriate optics, with every angle of inclination and opening angle oriented to the object to be illuminated. Such precise light control ensures outstanding glare suppression, prevents scattered light and thus also light pollution. In combination with a lighting control system, a multi-zone luminaire also provides the possibility to specifically vary luminous intensities and contrasts to, for example, establish night-time movement zones due to better well-being.



Combination example:





Enhance spacial perception of surroundings



Support communication and social interaction



Promote visual orientation and guidance

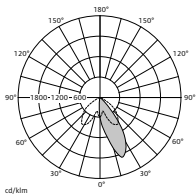


SUPERSYSTEM outdoor

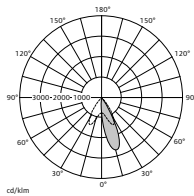
for pavements, roads and squares



SUPERSYSTEM outdoor 12 tubes module



Type SNB L



Type SNB H



Luminaire for pavements: Optics, inclination and opening angles of the 12 LED tubes are perfectly matched to the lighting of narrow paths and alleys.

Size and colour

350 mm x 170 mm x 87 mm | charcoal

Equipment

12 x 2.1 W (25.2 W)

Performance level

up to 2000 lm

Colour temperatures

3,000 K, 4,000 K

Lighting control

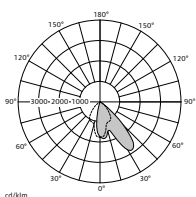
DALI

Installation

Wall mounting with mounting bracket

Mast mounting with mounting bracket and accessories for round masts (system mast: height 4.5 m and 6 m)

SUPERSYSTEM outdoor 18 tubes module



Type SDB



Luminaire for road and street lighting: Optics, inclination and opening angles of the 18 LED tubes are perfectly matched to the lighting of streets and small squares.

Size and colour

350 mm x 200 mm x 87 mm | charcoal

Equipment

18 x 2.1 W (37.8 W)

Performance level

up to 2800 lm

Colour temperatures

3,000 K, 4,000 K

Lighting control

DALI

Installation

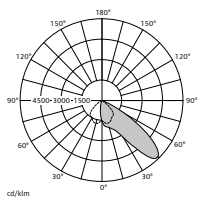
Wall mounting with mounting bracket

Mast mounting with mounting bracket and accessories for round masts (system mast: height 4.5 m and 6 m)



SUPERSYSTEM outdoor | 30 tubes module | M 1:1

SUPERSYSTEM outdoor
30 tubes module



Type FLB



Luminaire for squares: Optics, inclination and opening angles of the 30 LED tubes are perfectly matched to the lighting of large squares and streets.

Size and colour

350 mm x 290 mm x 87 mm | charcoal

Equipment

30 x 2.1 W (63 W)

Performance level

up to 4800 lm

Colour temperatures

3,000 K, 4,000 K

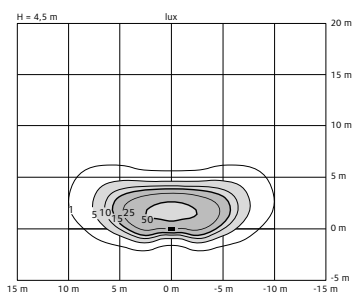
Lighting control

DALI

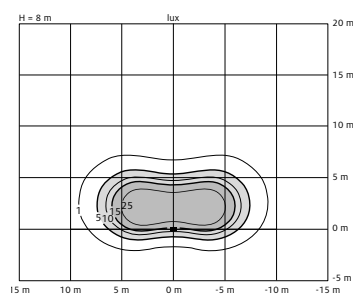
Installation

Wall mounting with mounting bracket

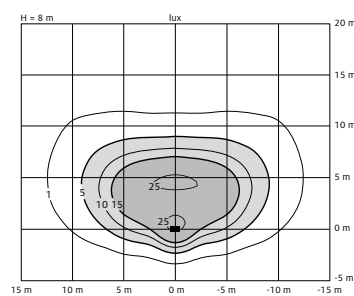
Mast mounting with mounting bracket and accessories for round masts (system mast: height 4.5 m and 6 m)



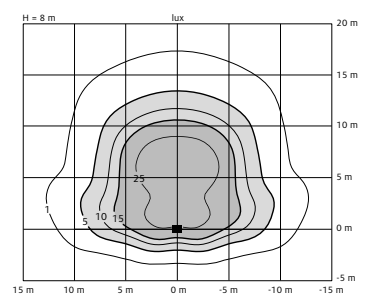
12 tubes module | Type SNB L



12 tubes module | Type SNB H



18 tubes module | Type SDB



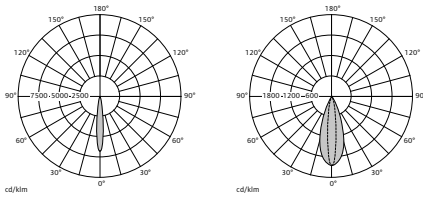
30 tubes module | Type FLB

SUPERSYSTEM outdoor

for façade lighting



SUPERSYSTEM outdoor Fixed 3 tubes module



Narrow beam

Elliptical beam



Compact façade floodlight with 3 fixed LED tubes:
Ideal for accentuating façades with various radiation characteristics.

Size and colour

250 mm x 70 mm x 100 mm | charcoal or white

Equipment

3 x 2.1 W (6.3 W)

Performance level:

up to 600 lm

Colour temperatures

3,000 K, 4,000 K

Light distribution

Narrow beam | Elliptical beam

Lighting control

DALI

Installation

Wall and ceiling mounting with mounting bracket

SUPERSYSTEM outdoor Movable 3 tubes module

Optics



Spot 11° (SP) Flood 27° (FL) Wide Flood 40° (WFL)



Compact façade floodlight with 3 movable LED tubes:
Ideal to flexibly accent individual façade elements.

Size and colour

250 mm x 70 mm x 100 mm | charcoal or white

Equipment

3 x 2.1 W (6.3 W)

Performance level:

up to 600 lm

Colour temperatures

3,000 K, 4,000 K

Lighting control

DALI

Installation

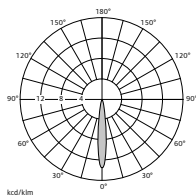
Wall and ceiling mounting with mounting bracket



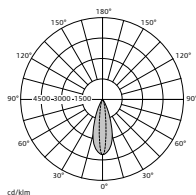
SUPERSYSTEM outdoor | 3 tubes module | M 1:1

SUPERSYSTEM outdoor

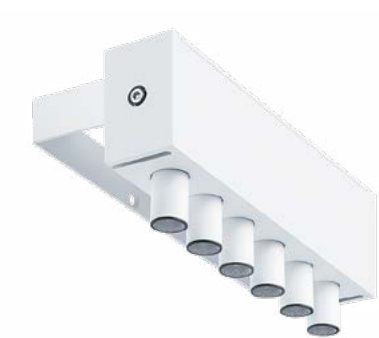
Fixed 6 tubes module



Narrow beam



Elliptical beam



Compact façade floodlight with 6 fixed LED tubes:
Ideal for accentuating façades with various radiation
characteristics.

Size and colour

350 mm x 70 mm x 100 mm | charcoal or white

Equipment

6 x 2.1 W (12.6 W)

Performance level:

up to 1200 lm

Colour temperatures

3,000 K, 4,000 K

Light distribution

Narrow beam | Elliptical beam

Lighting control

DALI

Installation

Wall and ceiling mounting with mounting bracket

SUPERSYSTEM outdoor

for individual lighting tasks

SUPERSYSTEM outdoor
Accent luminaire 3 tubes module



Light insert for light column with 3 movable LED tubes:
Ideal for individually lighting decorative objects and setting accents.

Equipment

3 x 2.7 W (8.1 W)

Performance level:

External converter available as an accessory

Colour temperatures

3,000 K, 4,000 K

Lighting control

DALI, external

Installation

Installation in mast

SUPERSYSTEM outdoor
Accent luminaire 6 tubes module



Light insert for light column with 6 movable LED tubes:
Ideal for individually lighting decorative objects and setting accents.

Equipment

6 x 2.7 W (16.2 W)

Performance level:

External converter available as an accessory

Colour temperatures

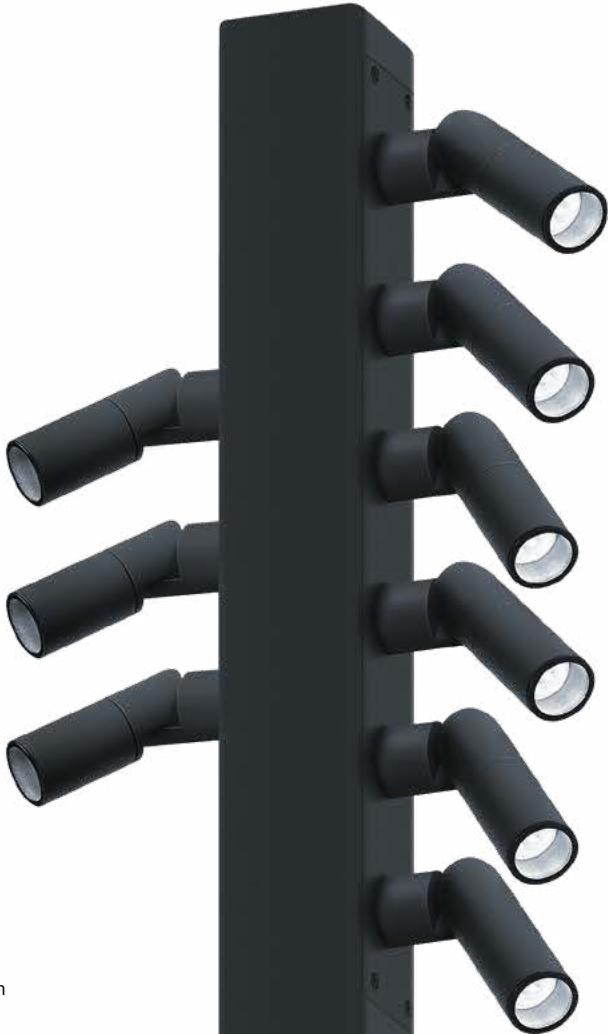
3,000 K, 4,000 K

Lighting control

DALI, external

Installation

Installation in mast



Square light column, combinable with up to 4 different light inserts, 1 insert in each direction respectively: Ideal as a fully-integrated accent lighting combination with an unobtrusive design.

Height and colour
4.5 m or 6 m | charcoal

Equipment
4 insertion slots for 3P/6P or decorative insert

Optics



Spot	Flood	Wide Flood
11° (SP)	27° (FL)	40° (WFL)

SUPERSYSTEM outdoor pillar luminaire
Mast: 4.5 m
Equipment: 3P (3 x 200 lm),
6P (6 x 200 lm)





Municipality of Lech am Arlberg, Lech am Arlberg | AT

Lighting project design: Dieter Bartenbach, Innsbruck | AT

Electrical installation: Elektro Müller, Landeck | AT

Lighting solution: SUPERSYSTEM outdoor mast and façade luminaire, situation-specific with 6 to 34 pre-assembled LED tubes, central Zumtobel outdoor lighting management system with web interface



Lieda
Zürich
2015

PENSION SCHNEIDER

SPORT WOOD

PAUSE & BEWEGUNG

SUPERSYSTEM OUTDOOR

[...] Shared properties SUPERSYSTEM OUTDOOR

- LED service life: 50000 h before luminous flux is reduced to 90 % of the initial value
- Colour temperature 3000 K (warm white), 4000 K (intermediate) optional
- Ambient temperature in switched-on state: -30 °C ... +50 °C (up to +80° in switched-off state)
- Integrated IP68 socket/plug for plug & play connection
- Halogen-free wiring used in luminaire
- The "dimmable DALI" luminaires contain DALI-controllable converters

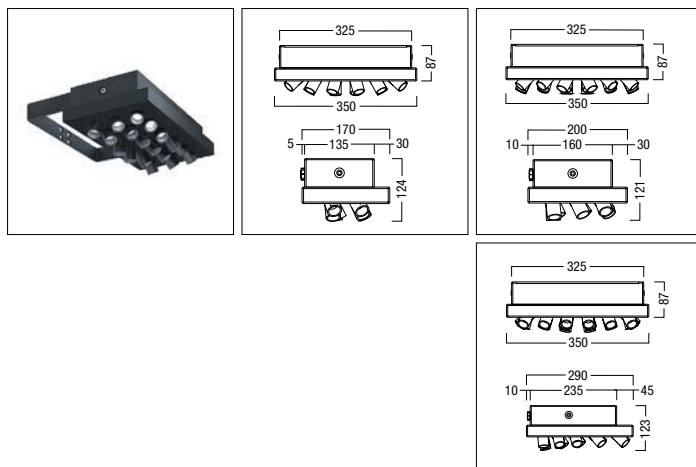
SUPERSYSTEM OUTDOOR Area Light



- [...]
- Compact luminaire for paths: optics, inclination angle and aperture angle of LED tubes are ideal for illuminating narrow paths and lanes
- Luminaire available in matt charcoal microstructure
- 3 versions: with 12, 18 or 30 LED tubes for mounting to the facade and to 4.5 m or 6 m masts
- Protection rating: IP66 for indoor and outdoor applications (for outdoor applications please comply with mounting instructions: cable routing)
- Pivotal brackets for ceiling and wall mounting available as accessories

Path luminaire

	L/W/H	kg	Order no.
12P LED2000-830 SNBH LDO FX CHMM	350/170/124	7,0	42 183 649
12P LED2000-830 SNBL LDO FX CHMM	350/170/124	7,0	42 183 648
18P LED2900-830 SDB LDO FX CHMM	350/200/121	9,0	42 183 650
30P LED4500-830 FLB LDO FX CHMM	350/290/123	12,0	42 183 651



SUPERSYSTEM OUTDOOR Projection



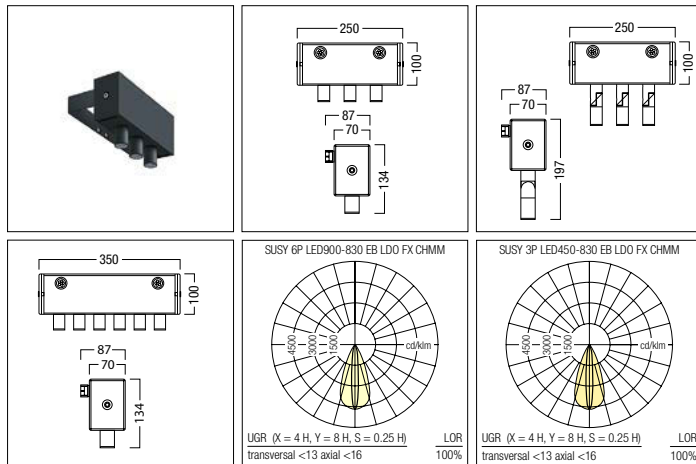
- [...]
- Compact facade spotlight consisting of 3 and 6 fixed and movable LED tubes: ideal for accenting facades with differing beam characteristics and for flexibly accenting individual facade elements
- Luminaire available in matt charcoal and white microstructure
- Available with narrow (SP, 11°) and elliptical (EB, 43° x 16°) light distribution
- Protection rating: IP66 for indoor and outdoor applications (for outdoor applications please comply with mounting instructions: cable routing)
- Pivotal brackets for ceiling and wall mounting available as accessories

Facade spotlight 3P

	L/W/H	kg	Order no.
3P LED450-830 EB LDO FX CHMM	250/70/134	2,8	42 183 645
3P LED600-830 SP LDO AJ CHMM	250/70/197	2,8	42 183 652
3P LED600-830 SP LDO AJ WHMM	250/70/197	2,8	42 927 831

Facade spotlight 6P

	L/W/H	kg	Order no.
6P LED1200-830 SP LDO FX CHMM	350/70/134	4,0	42 927 832
6P LED1200-830 SP LDO FX WHMM	350/70/134	4,0	42 927 833
6P LED900-830 EB LDO FX CHMM	350/70/134	4,0	42 183 646
6P LED900-830 EB LDO FX WHMM	350/70/134	4,0	42 927 834



SUPERSYSTEM OUTDOOR

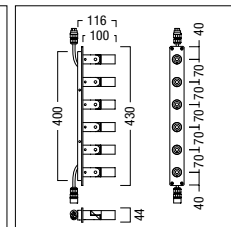
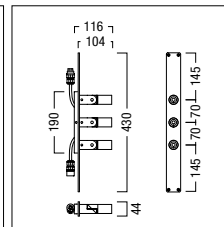
SUPERSYSTEM OUTDOOR Accent



- [...]
 - Fully integrated accent luminaire consists of spotlight modules with 3 or 6 movable LED tubes, ideal for highlighting architecture and landscape with various distribution characteristics and flexibly emphasising individual facade elements
 - Available with narrow (SP, 11°), wide (FL, 27°) and very wide (WFL, 40°) symmetric light distribution
 - Luminaire available in matt charcoal and white microstructure
 - Protection rating: IP65 for indoor and outdoor applications (observe the mounting instructions for outdoor use: cable routing with cover caps)
 - System column available as accessory

Tube luminaire

	L/W/H	kg	Order no.
CL 3P LED650-830 SP LDO AJ CHMM IP66			42 183 709
CL 3P LED650-840 SP LDO AJ CHMM			42 185 393
CL 6P LED1300-830 SP LDO AJ CHMM IP66			42 183 710
CL 6P LED1300-840 SP LDO AJ CHMM			42 185 394



SUPERSYSTEM OUTDOOR accessoires



- Masts and brackets for SUPERSYSTEM OUTDOOR

Accessory

	L/W/H	kg	Order no.
Zubehör			24 162 596
CONNECTOR			22 169 825

Charcoal fixing element

12/18/30P 200MM CHMM	0,7	22 169 813
12/18/30P 68MM CHMM	0,7	22 169 949
12/18P 170MM CHMM	0,5	22 169 811
3P 115MM CHMM	0,4	22 169 800
3P 200MM CHMM	0,5	22 169 801
3P 68MM CHMM	0,6	22 169 799
6P 115MM CHMM	0,5	22 169 806
6P 200MM CHMM	0,9	22 169 807
6P 68MM CHMM	0,3	22 169 805

White fixing element

3P 115MM WHMM	0,4	22 169 803
3P 200MM WHMM	0,8	22 169 804
3P 68MM WHMM	0,6	22 169 802
6P 115MM WHMM	0,5	22 169 809
6P 200MM WHMM	0,6	22 169 810
6P 68MM WHMM	0,3	22 169 808

Control gear boxes

CL BALLAST SET 15-18P		22 169 997
CL BALLAST SET 3-6P		22 169 995
CL BALLAST SET 9-12P		22 169 996

Cable connector

CONNECTOR CABLE 4M		22 170 138
CONNECTOR CABLE 6M		22 170 139

Diffuser

TUBE CAP CHMM 3 pcs.		22 169 849
TUBE CAP WHMM 3 pcs.		22 169 948

Mast

4,5M ST D80 CHMM MGS SUSY CL		24 162 588
4,5M ST D80 CHMM MGS SUSY SYS		24 162 592
4,5M ST D80 CHMM MPL SUSY CL		24 162 589
4,5M ST D80 CHMM MPL SUSY SYS		24 162 593
6M ST D80 CHMM MGS SUSY CL		24 162 590
6M ST D80 CHMM MGS SUSY SYS		24 162 594
6M ST D80 CHMM MPL SUSY CL		24 162 591
6M ST D80 CHMM MPL SUSY SYS		24 162 595





Tracks and spots

United Kingdom

ZG Lighting (UK) Limited
Chiltern Park
Chiltern Hill, Chalfont St. Peter
Buckinghamshire SL9 9FG
T +44/(0)1388 420042
info.uk@zumtobelgroup.com
zumtobel.co.uk

United Arab Emirates

Zumtobel Lighting GmbH
4B Street, Al Quoz Industrial Area
Dubai, United Arab Emirates
T +971/4 3404646
info.ae@zumtobelgroup.com
zumtobel.ae

Poland

ZG Lighting Polska Sp. z o.o.
Wołoska 9a
Platinum Business Park III
02-583 Warszawa
T +48 22 856 74 31
info.pl@zumtobelgroup.com
zumtobel.pl



Modular lighting systems

USA and Canada

Zumtobel Lighting Inc.
3300 Route 9W
Highland, NY 12528
T +1/845/691 6262
F +1/845/691 6289
info.us@zumtobelgroup.com
zumtobel.us

Romania

Zumtobel Lighting Romania SRL
Radu Greceanu Street, no. 2,
Ground Floor, sector 1
012225 Bucharest
T +40 31225 38 01
F +40 31225 38 04
info.ro@zumtobelgroup.com
zumtobel.com

Slovenia

ZG Lighting d.o.o
Štukljeva cesta 46
1000 Ljubljana
T +386/(1) 5609 820
F +386/(1) 5609 866
info.si@zumtobelgroup.com
zumtobel.si



Downlights

Australia

ZG Lighting Australia Pty Ltd
43 Newton Road
Wetherill Park NSW 2164
T +61/1300 139 965
info.au@zumtobelgroup.com
zumtobel.com.au

Hungary

ZG Lighting Hungary Kft.
Váci út 49
1134 Budapest
T +36/(1) 450 2490
F +36/(1) 350 0829
info.hu@zumtobelgroup.com
zumtobel.hu

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
info.ru@zumtobelgroup.com
zumtobel.ru



Recessed luminaires

New Zealand

ZG Lighting (NZ) Limited
399 Rosebank Road
Avondale, Auckland 1026
T +64/9 828 7155
F +64/9 828 7591
info.nz@zumtobelgroup.com
zumtobel.co.nz

Croatia

ZG Lighting d.o.o.
Ulica Petra Hektorovića 2
10000 Zagreb
T +385/(1) 64 04 080
F +385/(1) 64 04 090
info.hr@zumtobelgroup.com

Norway

Zumtobel
Bygdøy allé 4
0257 Oslo
T +47 22 54 72 00
info.no@zumtobelgroup.com
zumtobel.no



Surface-mounted and pendant luminaires

China

Thorn Lighting (Guangzhou) Limited
12A Lian Yun Road
Eastern Section,
GETDD, Guangzhou
510530, P.R. China
T +86/(20)2232 6000
Sales Hotline: 4008080195
info.cn@zumtobelgroup.com
zumtobel.cn

Bosnia and Herzegovina

ZG Lighting d.o.o.
Predstavništvo u BiH
Zmaja od Bosne 7
71000 Sarajevo
T +387 33 590 463
info.ba@zumtobelgroup.com

Sweden

Zumtobel
Hyllie Boulevard 10b
215 32 Malmö
T +46 649 20 00
info.se@zumtobel.group.com
zumtobel.se



Free-standing and wall-mounted luminaires

Hong Kong

ZG Lighting Hong Kong Ltd
Unit 503 – 508, 5/F, Building 16W,
Phase 3, Hong Kong Science Park,
New Territories, Hong Kong
T +852/(0)2578 4303
F +852/(0)2887 0247
info.hk@zumtobelgroup.com

Serbia

ZG Lighting d.o.o.
Beton hala – Karadorđeva 2-4
11000 Belgrade
M+381 69 5444802
info.rs@zumtobelgroup.com

Denmark

Zumtobel
Stamholmen 155, 5. sal
2650 Hvidovre
T +45 35 43 70 00
info.dk@zumtobelgroup.com
zumtobel.dk



Continuous-row systems and individual batten luminaires

India

Thorn Lighting India Pvt Ltd
No. 43, Chamiers Road
Raja Annamalaipuram,
Chennai 600028,
Tamilnadu, India
T +91/(44) 2435 7588
F +91/(44) 2435 8744
info.in@zumtobelgroup.com

Czech Republic

ZG Lighting Czech Republic s.r.o.
Jankovcova 2
Praha 7
170 00 Praha
T +420 266 782 200
F +420 266 782 201
info.cz@zumtobelgroup.com
zumtobel.cz

Headquarters

Zumtobel Lighting GmbH
Schweizer Strasse 30
Postfach 72
6851 Dornbirn, AUSTRIA
T +43/(0)572/390-0
info@zumtobel.info



High-bay luminaires

Singapore

Thorn Lighting (Singapore) Pte Ltd
158 Kallang Way # 06-01/02
Singapore 349245
T +65/6844 5800
F +65/6745 7707
info.sg@zumtobelgroup.com

Slovak Republic

ZG Lighting Slovakia s.r.o.
Tomášikova 64
831 04 Bratislava
T +421 2 2030 0044
info.sk@zumtobelgroup.com
zumtobel.sk

zumtobel.com



Luminaires with extra protection



Façade, media and outdoor luminaires



Lighting management systems



Emergency lighting



Lighting Services



Medical supply systems



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