



XPO

LED shelf lighting system

Magnetic, flexible, efficient:
the smallest LED lighting system
for supermarket shelving

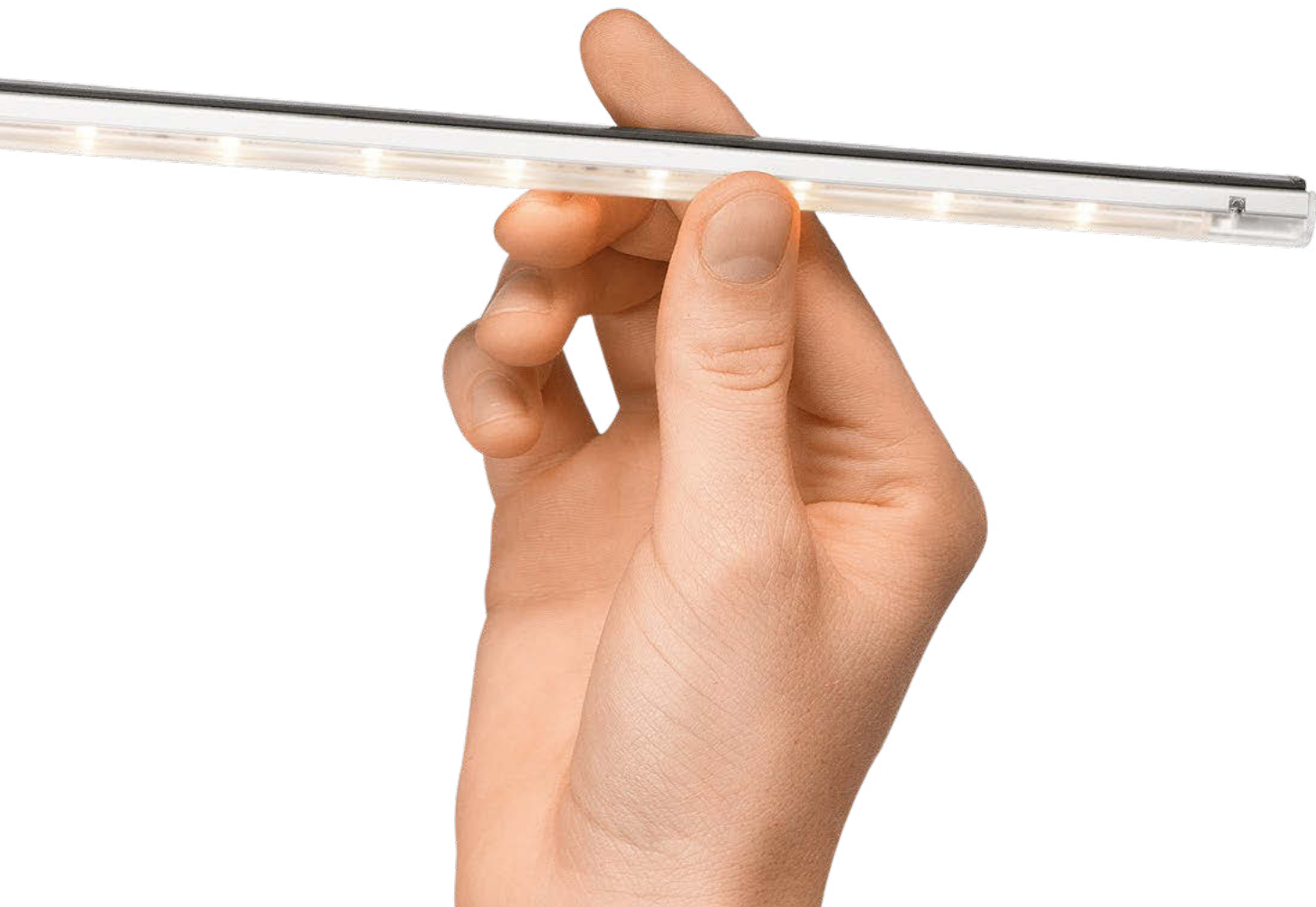
[linked](#)

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



Minimalist in terms of design and installation

At just 7 mm, XPO is as flat as a pencil and so narrow that this LED shelf lighting system requires a width of only 11 mm in order to set products centre-stage to optimum effect. The customer's attention is drawn exclusively to the items that are on sale because the slender XPO blends into the shelf almost invisibly. Individual customer preferences are taken into account by a carefully chosen range of light colours and lengths as well as great flexibility in terms of mounting options. The magnetic batten luminaire can be positioned on a shelf equally simply and flexibly.

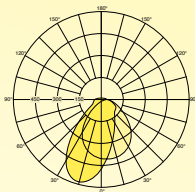




Perfectly dosed amount of light

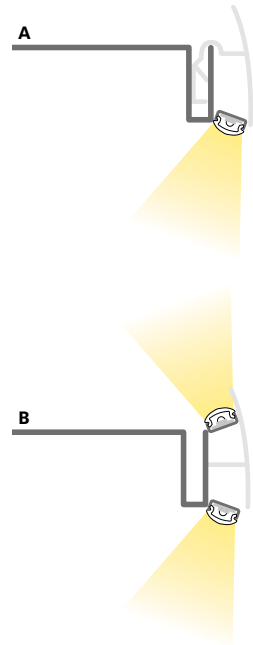
XPO is an efficient alternative to wide-area illumination and provides perfectly dosed amounts of light for each shelf bay, directly illuminating the products. Combined with a special narrow-beam optic, this brilliant LED light sets an extremely wide variety of products centre-stage superbly. The authenticity of products is accentuated by different colour temperatures. As LED light contains no infra-red or ultraviolet radiation, even delicate products can be gently lit and groceries stay fresher longer. There is also another economic benefit: the XPO's excellent efficiency of up to 79 lm/W and long service life of 50,000 hours (luminous flux never drops below 80% of its original value!) ensure that XPO is a lighting solution with a small carbon footprint.





Narrow-beam optic

Its optic, specially developed for shelves, focuses light to provide richly accented lighting. This achieves illuminance levels up to 1000 lx on the front edge of the merchandise (maximum distance to shelf below: 400 mm).



Special solution A

Invisibly integrated into the price tag, XPO illuminates the first row of products particularly uniformly.

Special solution B

When positioned on the front of the shelf, products in the top shelf bay, for instance, are presented to optimum effect as well.

Photo shows actual size.

Without shelf lighting

More shadow than light: without direct shelf lighting, products have little chance of catching the customer's eye. The perceived visual appeal of the merchandise also suffers.

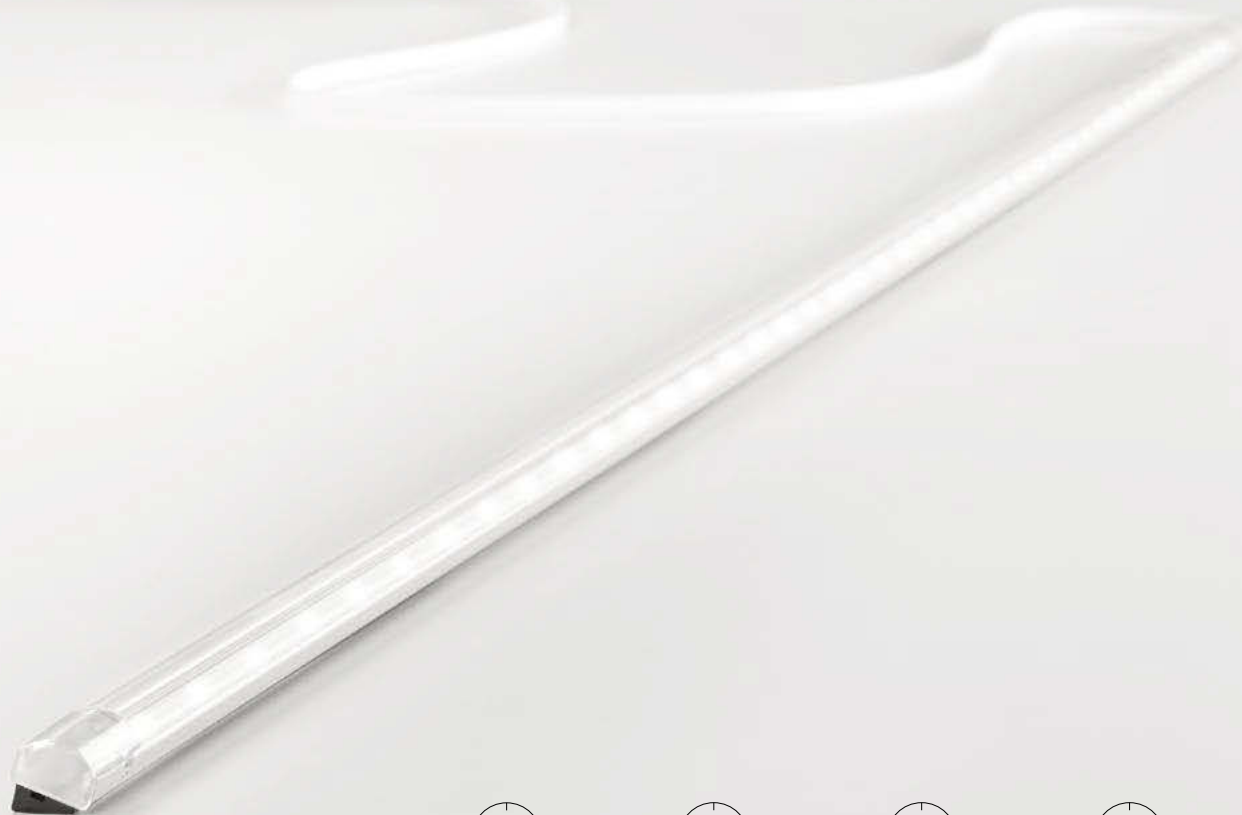


With shelf lighting

Brilliant accent lighting: directly illuminated products are aesthetically enhanced, the quality of goods is shown off to full effect on the actual shelf. The natural colours of products are underscored by light colours that differ from those of the general lighting where required.



XPO Stable White



2700 K
warm



3000 K
warm



4000 K
intermediate



5000 K
cool white

White light in four hues

XPO Stable White is available in four colour temperatures (2700 K, 3000 K, 4000 K and 5000 K) to facilitate highly individual presentation using different light colours. The luminaire's excellent photometric quality is reflected in its great colour rendering (Ra 85) and constant, uniform colour temperature with tight colour tolerances that do not exceed four MacAdam ellipses. Creative design flexibility is ensured by three lengths that are compatible with standard shelf dimensions plus mounting options for metal, wood and glass.

Colour rendering Ra 85

In food retail applications in particular, even minute differences in colour shades determine whether a product looks fresh and appetising or unripe and insipid. Besides the right colour temperature, colour rendering is therefore crucial as well. Thanks to a consistent Ra value of 85 across the entire product range, XPO meets even the most exacting quality criteria in the food retail sector.

To make sure that products look fresh and appetising, a light colour of 2700 K is typically used to illuminate bread and baked goods. XPO is one of the few LED batten luminaires that delivers this colour temperature as standard across the range.

XPO

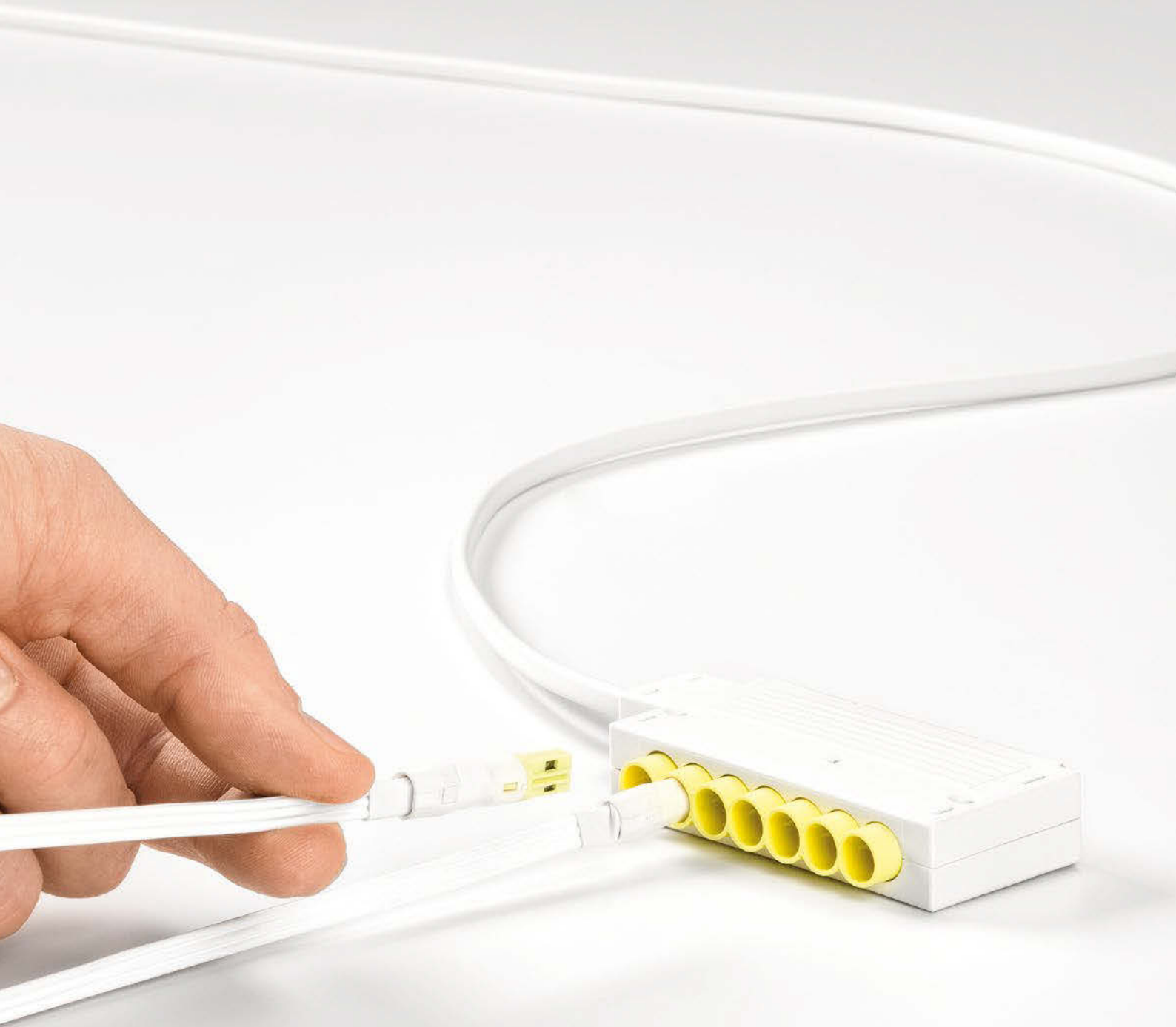
Ra 85

Ra 70



XPO installation

Dock, plug in, switch on



“Just plug-in and switch on” applies to all XPO connections which are easy to disconnect thanks to installation kits like the hub.

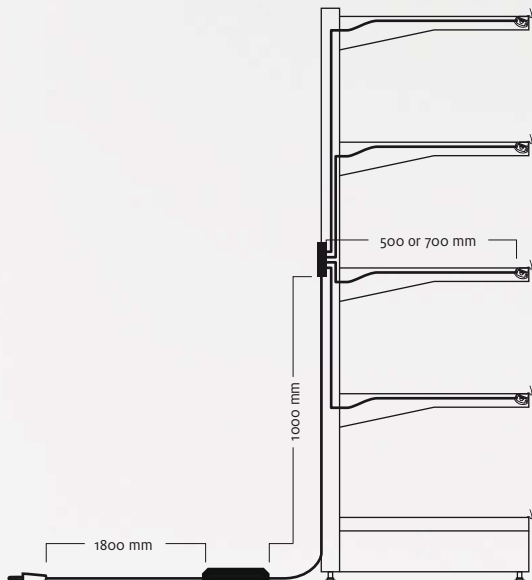
The magnetic LED batten luminaire attaches easily and adjustably. XPO sticks to metal shelving in any position, and simple mounting modules are available for other materials such as metal mesh, wood and glass. Thanks to XPO's safety extra-low voltage of 24 V, even non-electricians are allowed to fit shelving with this LED shelf luminaire – in just a few simple steps and without using any tools, even in retrospect. Several XPO shelf luminaires are connected to the power supply via a hub or busbar, in both cases this is done quite simply using plug-in connectors.

Easily mounted on:



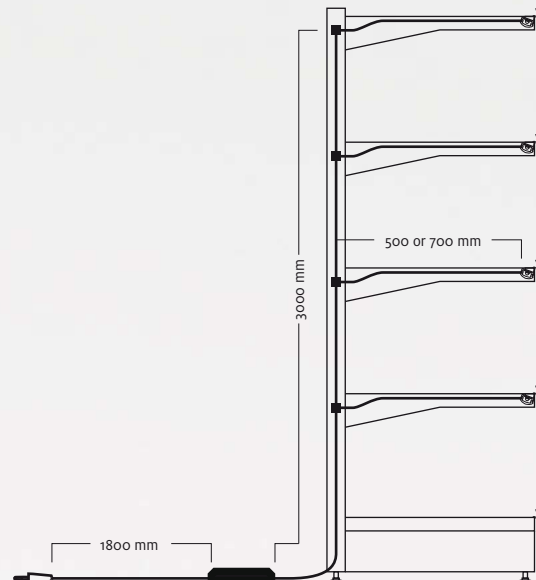
Installation using hub

Up to six XPO shelf luminaires are powered by one hub connected to the converter.



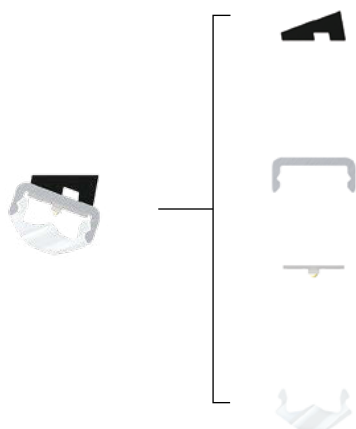
Installation using busbar

Up to seven luminaires can be connected to a converter via the busbar.



XPO shelf lighting

System overview



Magnetic holder

The magnetic strip provides both a fixed and variable connection between shelves and luminaire units. Designed as a wedge with a 20° angle, it directs light straight onto the first row of products.

Luminaire unit made of aluminium

The slender heat sink provides the basis for the LED luminaire's excellent thermal management which ensures a long service life.

LED board

XPO's great efficiency of 79 lm/W* and long service life of 50,000 hours (luminous flux decreases to no less than 80% of its original value) cut the costs of energy and maintenance.

Narrow-beam optic

Its optic, specially developed for shelves, focuses light to provide richly accented lighting. This achieves illuminance levels up to 1000 lx on the front edge of the merchandise (maximum distance from shelf below: 400 mm).



545 mm



923 mm



1112 mm

In conformity with standards

Suitable for standard supermarket shelf lengths of 600 mm, 1000 mm and 1200 mm, XPO ensures maximum levels of flexibility in all three lengths.

* depending on light colour, without power loss in converter

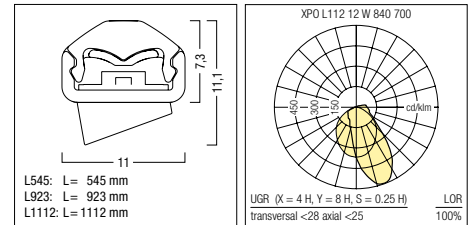
XPO

XPO Stable White



- LED shelf-lighting system for professional and high-quality illumination of goods on shelving
- Models with 2700 K, 3000 K, 4000 K and 5000 K colour temperature; wired ready for use including white 3-core 0.5 mm²
- cable of length 0.7 m with fitted plug
- Ultra-small for invisible and unobtrusive operation in the shelving
- Special narrow-beam optic with 20° mounting angle delivers 1000 lx on the first row of products
- Available in lengths of 545 mm, 923 mm and 1112 mm
- 50,000h service life at 80% luminous flux
- Easy to install without tools
- Flexible and quick to fit by untrained personnel thanks to plug which cannot be connected the wrong way round and safety extra-low voltage (24V)
- Customised installation possible as one-off projects on request (e.g. direct integration in the price label)

	L/W/H	kg	Order no.
Shelf luminaire length 545			
L545 6 W 827 700	545/11/7	0,2	42 181 373
L545 6 W 830 700	545/11/7	0,2	42 181 296
L545 6 W 840 700	545/11/7	0,2	42 181 374
L545 6 W 850 700	545/11/7	0,2	42 181 375
Shelf luminaire length 923			
L923 10 W 827 700	923/11/7	0,3	42 181 357
L923 10 W 830 700	923/11/7	0,3	42 181 130
L923 10 W 840 700	923/11/7	0,3	42 181 358
L923 10 W 850 700	923/11/7	0,3	42 181 359
Shelf luminaire length 1112			
L112 12 W 827 700	1112/11/7	0,3	42 181 365
L112 12 W 830 700	1112/11/7	0,3	42 181 297
L112 12 W 840 700	1112/11/7	0,3	42 181 376
L112 12 W 850 700	1112/11/7	0,3	42 181 366

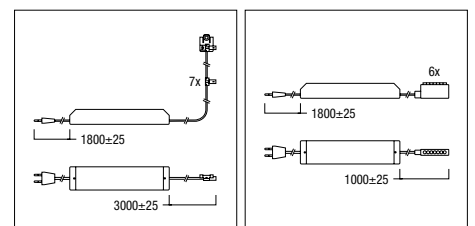


XPO accessories



- Busbar supply system including converter and 2 m long mains cable
- Hub connecting system including converter and 2m long mains cable, when shelving fitted close to wall
- Three fixing options for wooden, glass or metal-grill shelving
- Extension lead available in lengths of 0.5 m and 1 m and white or black

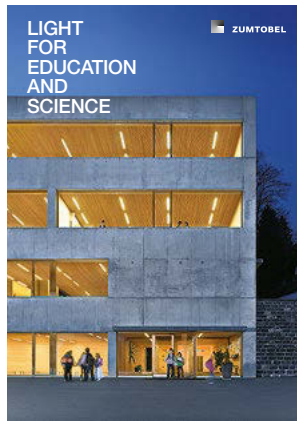
	Order no.
Installation kit	
XPO L1109 installation kit wood (5x)	22 168 937
XPO L920 installation kit wood (5x)	22 168 938
XPO L542 installation kit wood (5x)	22 168 939
XPO L1109 installation kit glass (5x)	22 168 940
XPO L920 installation kit glass (5x)	22 168 941
XPO L542 installation kit glass (5x)	22 168 942
XPO L1109 installation kit metal mesh (5x)	22 168 943
XPO L920 installation kit metal mesh (5x)	22 168 949
XPO L542 installation kit metal mesh (5x)	22 168 950
Converters	
100 W / BUSBAR	42 181 368
100 W / HUB	42 181 367
Extension cable	
1000 mm extension cable black	22 168 946
1000 mm extension cable white	22 168 944
500 mm extension cable black	22 168 948
500 mm extension cable white	22 168 947



Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.



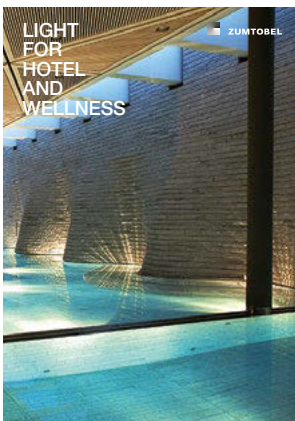
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zumtobel.com/shop



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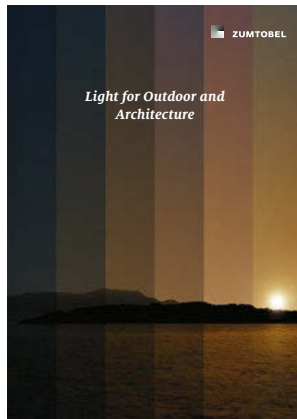
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- *Education and Science*
- *Presentation and Retail*
- *Hotel and Wellness*
- *Art and Culture*
- *Health and Care*
- *Industry and Engineering*
- *Outdoor and Architecture*
- *Living*

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. We combine the best possible ergonomic lighting quality for an individual's wellbeing 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.

Lighting and sustainability

In line with our corporate philosophy "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 offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

zumtobel.com/sustainability



Top quality – with a five-year guarantee.

As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.

Order no.04 946 143-EN 11/16 © Zumtobel Lighting GmbH
 Technical data was correct at time of going to press.
 We reserve the right to make technical changes without notice. Please contact your local sales office for further information.





	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			
	Downlights	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
	Recessed luminaires			
	Surface-mounted and pendant luminaires	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
	Free-standing and wall-mounted 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
	Continuous-row systems and individual batten luminaires			
	High-bay 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
	Luminaires with extra protection			
	Façade, media and outdoor 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 – Karadordeva 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
	Lighting management systems			
	Emergency lighting	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
	Lighting Services			
	Medical supply systems	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

