

# highlights

Product Innovations and  
Additions

Spring 2012





1	<b>TUNABLE WHITE</b> ART AND CULTURE	6	Offices and Communication <b>LITENET Tunable White</b>
2	<b>TUNABLE WHITE</b> PRESENTATION AND RETAIL	7	<b>MELLOW LIGHT V</b>
3	<b>COMSIGN 150</b>	8	<b>SLOTLIGHT II LED</b>
4	<b>CROSSIGN 110/160</b>	9	<b>PANOS INFINITY +</b>
5	<b>PURESIGN 150</b>	10	<b>CREDOS</b>
		11	Retail and Presentation <b>IYON Tunable White</b>
		12	Art and Culture <b>ARCOS LED projection spotlight</b>
		13	Architecture and Façades <b>ELEVO</b>
		14	<b>LEDOS III L</b>
		15	Initiatives <b>EPD</b>

# TUNABLE WHITE FOR ART AND CULTURE

1



4.700 K

## TUNABLE WHITE

Art and Culture

Museum lighting is regularly faced with the tricky task of presenting sensitive exhibits to optimum effect while protecting them against damage. Here, Zumtobel's LED luminaires with dynamic colour temperatures offer a perfect solution. For the first time ever, adjustable white light quality makes it possible to highlight different materials and colours by means of the perfect colour temperature in each case without having to replace luminaires or lamps, at the same time, contrasts between cool and warm white attract the attention of visitors, improving the quality of perception. Another asset of Tunable White: the spectrum of the LED is almost completely free from any UV or IR radiation, allowing for gentle lighting of valuable exhibits without having to use additional filters. Using state-of-the-art control systems for minor exhibitions or entire museums, the colour temperature is always set perfectly to meet individual requirements.





**LUXMATE LITENET**  
Lighting management system



**PANOS INFINITY**  
27 W, 1,600lm



**ARCOS**  
22 W LED

WARM





# TUNABLE WHITE FOR PRESENTATION AND RETAIL

2

## **TUNABLE WHITE**

Presentation and Retail

In shops and retail areas, light has to entice customers to buy as much as possible. It is used to address people's emotions and to create brand identities. Colour temperatures range from 2,700 K to 6,500 K providing plenty of design scope. LED luminaires with Tunable White function provide centre stage settings with customised lighting scenes, allow the light to adjust to the respective application, or highlight the look and colours of individual products. The 3-channel technology used in the process provides unique colour rendering of Ra 90 over the full spectrum. In combination with state-of-the-art control modules such as the CIRCLE control point or the LUXMATE LITENET Tunable White control system, Tunable White spotlights and downlights by Zumtobel create complex solutions for flexible retail space design.



COOL





**LUXMATE LITENET**  
Lighting management system



**LUXMATE EMOTION**  
Lighting management system



**PANOS INFINITY**  
27W, 1,600lm

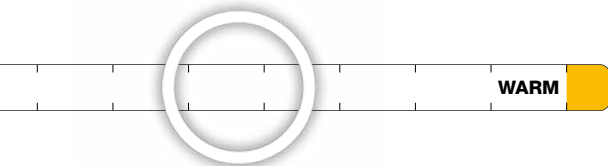


**VIVO L**  
36W – 44W LED  
1,100lm – 1,600lm



**IYON M**  
35W, 1,500lm

3,290K



# 3

## **ONLITE COMSIGN 150**

Escape sign luminaire

In the new generation of COMSIGN 150, an already popular feature has been further improved: the weight of the luminaire's transparent acrylic glass has been reduced even further and installation on walls and ceilings and cord suspension has been facilitated even more. The surface-mounted component is made of high-grade aluminium. The pendant version of the elegant escape sign luminaire seems to float. Its slightly curved shape fulfils both aesthetical and functional tasks. When it comes to luminance levels beyond 500 cd/m<sup>2</sup>, the luminance levels achieved by COMSIGN 150 are significantly higher than those required, high uniformity levels are reached as well. These features are combined with the properties of an innovative LED luminaire: an extra-long service life at constant light output levels and low energy consumption.

DESIGN EOOS

[zumtobel.com/comsign](http://zumtobel.com/comsign)







1:1 Luminaire dimensions 15.5 mm x 187.5 mm x 300 mm



# 4

## **ONLITE CROSSIGN 110/160**

Escape sign and emergency luminaire

As a versatile all-rounder, CROSSIGN takes a step forward into a highly efficient future: By using the latest LED technology, the luminaire needs a power input of only 3W despite providing a light output ratio of more than 100 lm/W, which reduces energy consumption sustainably whilst at the same time, reducing the use of material and improving the lighting result. CROSSIGN is available with IP 42/54 protection, which makes the luminaire resistant against dirt, dust and moisture. Its application-oriented versatility is achieved by a wide range of exchangeable components, unrivalled ease of installation and two recognition ranges. Two rotating lenses at the bottom turn the escape sign luminaire into an emergency luminaire as well. Thanks to these ERI spots (patent pending), the lighting cones of the LED spots can be individually adjusted to the building situation, so that even corners or escape-route crossings can be illuminated.



## 5

### **ONLITE PURESIGN 150**

Escape sign and emergency luminaire

Zumtobel's latest generation of escape sign luminaires meets the highest requirements in terms of economic efficiency. PURESIGN's sustainable life cycle begins with purist material use and resource-saving powder coating and reaches its peak with the luminaire's energy consumption reduced even further and improved IP 42 protection. As a result, the service life of the surface-mounted, pendant and recessed luminaire is extended and its application versatility improved. The slim-line PURESIGN not only boasts a light-weight and elegant appearance, but also incorporates innovative lighting technology: the escape sign luminaire features two rotating ERI spots for variable illumination of escape routes. Thus, every single PURESIGN luminaire is now able to fulfil the tasks of both escape route and emergency luminaires.

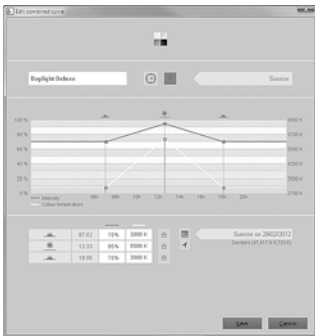
DESIGN EOOS

[zumtobel.com/puresign](http://zumtobel.com/puresign)

# 6

## LUXMATE LITENET with TUNABLE WHITE

Lighting management system



The LUXMATE LITENET Lighting Management System controls small building units as reliably as large-scale building complexes. Maximum energy efficiency can be achieved by intelligent integration of daylight sensors, presence detectors and time sensors. Added value in terms of quality is based on flexibility and convenience. With the latest generation of the lighting management system, control of Tunable White luminaires has been smoothly integrated into the system. What's special about it is that the luminaires' intensity and colour temperature can be set entirely independently and intuitively, on the basis of graphically displayed timelines. The lighting control system is supplied with the basic features of a beneficial lighting concept, including predefined sequences over the course of the day for offices, production facilities, healthcare facilities and retirement homes, based on the latest scientific findings. As these scenarios can be individually adjusted, and existing LITENET installations can be updated, energy-efficient lighting solutions with dynamic colour temperatures and luminous intensity levels can be implemented easily.

[zumtobel.com/litenet](http://zumtobel.com/litenet)

# 7

## MELLOW LIGHT V

Recessed LED luminaire



MELLOW LIGHT V is the result of consistent ongoing refinement of a luminaire that creates a lighting effect similar to daylight. The latest LED generation has increased the recessed luminaire's efficiency even further. With a power input of 40W, a luminous flux of 3,000 lumens is produced; for 4,000 lumens, only 55W are needed. MELLOW LIGHT V therefore easily provides illuminance levels of 300 and 500 lux. The upgraded luminaire package is rounded off by two colour temperatures – 3,000 K and 4,000 K. The luminaires, which are dimmable as standard, are available with three optics: Brightness, HighDefinition and MicroVane. As an emergency luminaire with optionally built-in LED lens, MELLOW LIGHT V is a safe alternative also in emergencies.

DESIGN James Irvine  
[zumtobel.com/ml](http://zumtobel.com/ml)

# 8

## SLOTLIGHT II LED

LED light line



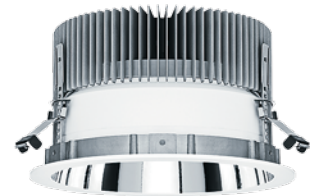
The narrow light line uses all the benefits of LED technology: SLOTLIGHT II LED cannot fail to impress as a maintenance-free product featuring a completely uniform light emitting panel. It allows to better trace outlines, re-define more room zones and bring corner areas into sharper focus. As a recessed luminaire, SLOTLIGHT II has no visible luminaire unit at all. As a surface-mounted and pendant luminaire, however, the luminaire unit emphasises the luminaire's unobtrusive elegance. It can be used in any application area and, thanks to the IP 54 model, is even suitable for outdoor applications.

[zumtobel.com/slotlight](http://zumtobel.com/slotlight)

# 9

## PANOS INFINITY +

LED downlight



With its outstanding luminaire efficiency of more than 100 lm/W, the new PANOS INFINITY + luminaire takes the lead among all downlights at present available on the market. The most efficient LED downlight range available on the market is at the ready with 8 models for installation in the ceiling, all with a diameter of 200 mm. When it comes to luminous flux, versions with more than 2,400 lumens are available, either with 3,000 K or with 4,000 K. Functional versatility is ensured thanks to two reflectors: smooth and faceted optics are available for recessed depths of 100 mm and 140 mm.

DESIGN Christopher Redfern, Sottsass Associati  
[zumtobel.com/panosinfinity](http://zumtobel.com/panosinfinity)

# 10

## **CREDOS** LED downlight



The compact CREDOS LED downlight is the economically efficient solution for uniform ambient lighting in a wide variety of applications. With luminaire efficiency of up to 76 lumens per watt, CREDOS is significantly more efficient than conventional downlights fitted with fluorescent lamps or tungsten-halogen lamps. The downlight is available with a lumen package of 650 lumens, 1,000 lumens and –brand-new – 2,000 lumens. In all models, brightness is dimmable using standard phase dimmers; moreover, they boast excellent lighting quality and very good colour rendering (Ra 90).

[zumtobel.com/credos](http://zumtobel.com/credos)

# 11

## **IYON Tunable White** LED spotlight range



The new IYON LED spotlight boasts luminaire efficiency levels of 40 to 77 lumens/W as well as excellent lighting and colour rendering qualities, setting new standards in terms of lighting for shops and exhibition areas. Tunable White models have been added to the spotlight range: at a high colour rendering

index of Ra 90, the colour temperature can be continuously adjusted in the range between 2,700 K and 6,500 K. In case of frequently changing product ranges, flexible adjustment in the white light range ensures that the lighting solution is perfectly matched to the products on display: colours and materials are emphasised authentically and to natural effect; quality of perception is demonstrably enhanced.

DESIGN Delugan Meissl Associated Architects  
[zumtobel.com/iyon](http://zumtobel.com/iyon)

# 12

## **ARCOS LED** Projection spotlight



The ARCOS LED projection spotlight uses the tapered ARCOS housing to accommodate high-output LED technology, staging an impressive performance: the result is light of utmost precision, with clean edges and high contrasts and, in the Soft Edge version, soft transitions. In the process, special lenses are used to provide high-precision, maximum light emission. High flexibility is ensured by exchange-able optics. These provide a wide range of beam patterns, from 6 degree superspots to 14 degree spots and even 25 degree flood optics with replaceable lenses. The output of the ARCOS LED projection spotlight can be dimmed directly on the housing. Frame, iris and gobo attachments can be fastened easily and safely in the built-in mounting unit.

[zumtobel.com/arcos](http://zumtobel.com/arcos)

# 13

## **ELEVO** LED façade luminaire



Mounted on windowsills and invisible to passers-by, ELEVO impressively illuminates façade features, protrusions and surfaces. ELEVO uses warm or cool white colour temperatures to bring both historical and contemporary façades to life. The luminaire is switch-able or PWM-dimmable, and can be easily integrated into a variety of system environments. As a compact, high-output LED luminaire, ELEVO is suitable for both direct and indirect lighting. The luminaire with IP66 protection boasts an intelligent temperature guard for maximum resistance. Thanks to precise light distribution, the energy-efficient façade luminaire causes minimum lighting pollution.

[zumtobel.com/elevo](http://zumtobel.com/elevo)



# 14

## LEDOS III L

Ceiling- and floor-recessed LED luminaire



Compact, efficient, plus an IP67 protection rating: even in its largest design size L (round: Ø 89 mm, square: side length 85 mm), the recessed LED luminaire is perpetuating its successful course. Using only 2.7W, it provides selective highlights. The square and round designs can be combined with various beam angles, glass panels as well as the option to fine-tune the light illuminating the item on display. With colour temperatures of 3,200 K and 6,000 K, LEDOS III L opens up additional design options. Thus, the ceiling- and floor-recessed LED luminaire is an ideal lighting tool for indoor and outdoor applications, helping people to find their way, or highlighting surfaces, façades, columns and sculptures.

[zumtobel.com/ledos](http://zumtobel.com/ledos)

# 15

## EPD

Environmental product declarations

### European Core EPD



Institute Construction  
and Environment e.V.

Zumtobel – jointly with the Zumtobel Group's Thorn and Tridonic brands – is the first company in the lighting industry to have introduced environmental product declarations according to ISO 14025 and EN 15804. These environmental datasheets issued for each product item in accordance with international standards, will be prepared for all new products of the Zumtobel brand with immediate effect. The declaration will gradually be extended to cover existing product items as well. EPDs document the environmental impact of any product throughout its life cycle, for instance in terms of CO<sub>2</sub> emission, recycling percentage or material composition. With these EPDs, Zumtobel again takes a stand as a pioneer in environmentally compatible thinking and acting, offering its customers a new basis for taking their purchasing decisions based on environmentally relevant criteria. As soon as an EPD has been added to a product item, the environmental product declaration can be accessed online in the Zumtobel product catalogue.

[zumtobel.com/epd](http://zumtobel.com/epd)



# highlights

## United Kingdom

Zumtobel Lighting Ltd.  
**Address until 31st May 2012:**  
 Unit 4 – The Argent Centre,  
 Pump Lane  
 Hayes/Middlesex UB3 3BL  
 T +44/(0)20 8589 1800  
 F +44/(0)20 8756 4800  
[uksales@zumtobel.com](mailto:uksales@zumtobel.com)  
[www.zumtobel.co.uk](http://www.zumtobel.co.uk)  
**Address from 1st June 2012:**  
 Chiltern Hill  
 Chalfont St. Peter  
 Gerrard Cross  
 Buckinghamshire SL9 9UQ  
[uksales@zumtobel.com](mailto:uksales@zumtobel.com)  
[www.zumtobel.co.uk](http://www.zumtobel.co.uk)

## USA and Canada

Zumtobel Lighting Inc.  
 17-09 Zink Place, Unit 7  
 Fair Lawn, NJ 07410  
 3300 Route 9W  
 Highland, NY 12528  
 T +1/(0)845/691 6262  
 F +1/(0)845/691 6289  
[zli.us@zumtobel.com](mailto:zli.us@zumtobel.com)  
[www.zumtobel.us](http://www.zumtobel.us)

## Australia and New Zealand

Zumtobel Lighting Pty Ltd  
 333 Pacific Highway  
 North Sydney, NSW 2060  
 T +61/(2)8913 5000  
 F +61/(2)8913 5001  
[info@zumtobel.com.au](mailto:info@zumtobel.com.au)  
[www.zumtobel.com.au](http://www.zumtobel.com.au)

## China

Zumtobel Lighting China  
 Shanghai office  
 Room 101,  
 No 192 YIHONG Technology Park  
 Tianlin Road, Xuhui District  
 Shanghai City, 200233, P.R. China  
 T +86/(21) 6375 6262  
 F +86/(21) 6375 6285  
[sales.cn@zumtobel.com](mailto:sales.cn@zumtobel.com)  
[www.zumtobel.cn](http://www.zumtobel.cn)

## Hong Kong

Zumtobel Lighting Hong Kong  
 Unit 319, Level 43,  
 Tower 1, Metropiazza,  
 223 Hing Fong Road,  
 Kwai Chung, N.T.  
 T +852/(0)2503 0466  
 F +852/(0)2503 0177  
[info.hk@zumtobel.com](mailto:info.hk@zumtobel.com)

## India

Zumtobel Lighting GmbH  
 A 274, 1st Floor,  
 Defence Colony,  
 110024 New Delhi  
 T +91/98 102 19 531  
[enquiries.india@zumtobel.com](mailto:enquiries.india@zumtobel.com)

## Singapore

Zumtobel Lighting Southeast Asia  
 5 Kaki Bukit Crescent,  
 #04-02 Koyotech Building  
 416238 Singapore  
 T +65 6844 5800  
 F +65 6745 7707  
[info.sg@zumtobel.com](mailto:info.sg@zumtobel.com)

## 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  
[info@zumtobeluae.ae](mailto:info@zumtobeluae.ae)

## Romania

Zumtobel Lighting Romania SRL  
 Tipografilor 11-15,  
 S-Park Office, Wing A1-A2  
 013714 Bucharest  
 T +40 312253801  
 F +40 312253804  
[welcome.ro@zumtobel.com](mailto:welcome.ro@zumtobel.com)  
[www.zumtobel.com](http://www.zumtobel.com)

## Hungary

Zumtobel Lighting Kft  
 Lomb u. 15  
 1139 Budapest  
 T +36/(1) 35 00 828  
 F +36/(1) 35 00 829  
[welcome@zumtobel.hu](mailto:welcome@zumtobel.hu)  
[www.zumtobel.hu](http://www.zumtobel.hu)

## Croatia, Bosnia and Herzegovina

Zumtobel Licht d.o.o.  
 Radnička cesta 80 – Zagrebtower  
 10000 Zagreb  
 T +385/(1) 64 04 080  
 F +385/(1) 64 04 090  
[welcome@zumtobel.hr](mailto:welcome@zumtobel.hr)  
[welcome.ba@zumtobel.com](mailto:welcome.ba@zumtobel.com)

## Serbia

Zumtobel Licht d.o.o.  
 Karadjordjeva 2-4  
 Beton Hala  
 11000 Belgrade  
 T +381/(0)11 65 57 657  
 F +381/(0)11 65 57 658  
[welcome@zumtobel.rs](mailto:welcome@zumtobel.rs)

## 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  
[welcome@zumtobel.cz](mailto:welcome@zumtobel.cz)  
[www.zumtobel.cz](http://www.zumtobel.cz)

## Poland

Zumtobel Licht GmbH Sp.z.o.o.  
 Platinum III  
 ul. Woloska 9a  
 02-583 Warszawa  
 T +48/(22) 856 74 31  
 F +48/(22) 856 74 32  
[welcome@zumtobel.pl](mailto:welcome@zumtobel.pl)  
[www.zumtobel.pl](http://www.zumtobel.pl)

## Slovenia

Zumtobel Licht d.o.o.  
 Štukljeva cesta 46  
 1000 Ljubljana  
 T +386/(1) 5609 820  
 F +386/(1) 5609 866  
[welcome@zumtobel.si](mailto:welcome@zumtobel.si)  
[www.zumtobel.si](http://www.zumtobel.si)

## 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-russia@zumtobel.com](mailto:info-russia@zumtobel.com)  
[www.zumtobel.ru](http://www.zumtobel.ru)

## Norway

Zumtobel Belysning  
 Hoffsvæien 4  
 Postboks 1025 Hoff  
 0218 Oslo  
 T +47 22 06 50 50  
 F +47 22 06 50 52  
[firmapost@zumtobel.com](mailto:firmapost@zumtobel.com)  
[www.zumtobel.no](http://www.zumtobel.no)

## Sweden

Zumtobel Belysning  
 Birger Jarlsgatan 57  
 113 56 Stockholm  
 T +46 8 26 26 50  
 F +46 8 26 56 05  
[info.se@zumtobel.com](mailto:info.se@zumtobel.com)  
[www.zumtobel.se](http://www.zumtobel.se)

## Denmark

Light Makers AS  
 Indlævej 1  
 2100 København/Copenhagen  
 T +45 35 43 70 00  
 F +45 35 43 54 54  
[lm.sales@lightmakers.dk](mailto:lm.sales@lightmakers.dk)  
[www.lightmakers.dk](http://www.lightmakers.dk)

## Headquarters

Zumtobel Lighting GmbH  
 Schweizer Strasse 30  
 Postfach 72  
 6851 Dornbirn, AUSTRIA  
 T +43/(0)5572/390-0  
 F +43/(0)5572/22 826  
[info@zumtobel.info](mailto:info@zumtobel.info)

Zumtobel Licht GmbH  
 Grevenmarschstrasse 74-78  
 32657 Lemgo, GERMANY  
 T +49/(0)5261 212-0  
 F +49/(0)5261 212-7777  
[info@zumtobel.de](mailto:info@zumtobel.de)

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