

Press release
Dornbirn, April 2011

Zumtobel launches new lyon spotlight range **Maximum LED efficiency in a sophisticated design**



B1 | Good lighting quality and IR/UV-free light: the lyon LED spotlight range meets all prerequisites for providing gentle lighting in a variety of shop applications, without the need for extra filters.

With the lyon LED spotlight range, Zumtobel is breaking new ground in the area of efficient high-quality illumination of retail areas. The spotlight's sophisticated design accommodates a unique lens/reflector system that allows for high-precision, uniform accent lighting with a variety of beam patterns. With its excellent colour rendition properties, high-power LED modules and high energy efficiency, lyon is a perfect tool for lighting and presenting goods in shops and showrooms. The lyon spotlight range is available in two design sizes for various wattages in Stable White and Tunable White.

Zumtobel developed the lyon LED spotlight in collaboration with the Austrian architects' studio of Delugan Meissl Associated Architects. The clear lines of the die-cast aluminium housing in particular give the spotlight its elegant look, combined with high functionality. Roman Delugan describes the design of lyon as a

flowing synthesis of object and medium: "We sought to create a spotlight with a maximum range of applications. Its design, surface finish and function-focused, individually controllable lighting technology live up to this ambition in terms of both aesthetics and function." The special design of the die-cast aluminium housing allows for purely passive cooling of the LED modules, ensuring a long service life.

With luminaire efficiency of 55 to 77 lm/W, lyon cannot fail to impress also in a direct comparison with conventional spotlights. Owing to the use of high-quality LED modules, the LED spotlight provides very good lighting quality: lyon with a stable colour temperature of 3000 K or 4000 K is available as Advanced Stable White version providing optimum colour quality and stability; as Essential Plus and Essential Stable White versions, it provides high-power pinpoint accent lighting with excellent efficiency. With

luminous flux levels of 1000 to 1200 lm, 1700 to 2100 lm and 2300 to 2800 lm, the spotlight is an efficient alternative to HIT luminaires up to 50 W. The spotlight range boasts constant lighting quality, a maintenance-free service life of up to 50,000 h at 70% luminous flux, and extra energy saving potential as the spotlights can be dimmed. Besides the versions mentioned above, Tunable White models with two power ratings will be available from May 2012: at high colour quality of Ra 90, the colour temperature can be continuously adjusted in the range between 2700 K and 6500 K. For frequently changing product ranges, flexible adjustment in the white light range allows for a lighting solution perfectly matched to the products on display - enhancing colours, improving perception and creating special atmospheres. Moreover, thanks to IR and UV-free light, even sensitive materials like textiles or cosmetics can be illuminated with high power and from a short distance.

All Lyon spots have replaceable aluminium-sputtered precision reflectors made of polycarbona-

te, which provide brilliant accents and a variety of beam patterns, ranging from narrow-beam to wide-angle. The Advanced Stable White and Tunable White versions are also fitted with a patented mixing chamber lens for an excellent mix of colours.

The extensive spotlight range – including two design sizes, reflectors that can be replaced without the use of any tools, and other accessories – provides the appropriate solution for a wide variety of lighting tasks. Lyon will be available for installation in 3-phase tracks and as a semi-recessed spotlight as well.

Brightness levels can be dimmed from 10-100% via DALI. The spotlight is available in a matt black and matt white finish as standard. A five-year guarantee is granted for the luminaire range including control gear and LED. Stable White versions of Lyon will be available from May 2011. Tunable White will be available from spring 2012.



B2 | The Delugan Meissl Associated Architects studio has accommodated trendsetting technology in a sophisticated design.



ZUMTOBEL



B3 I Quality of perception and efficiency: Lyon sets the stage in shop and retail areas, providing high-precision accent lighting and high-power LED modules at a superior level.



More information:



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