PRESS RELEASE
Light+Building 2014
Hall 2.0, Booth A30

Putting fashion and art in the right light
Best white light quality for LED downlights and spotlights

Dornbirn, March 30, 2014. TALEXXengine STARK SLE for LED downlights and spotlights are now available in new output classes. This is of particular benefit to the FASHION version which has been setting new standards in fashion lighting with its brilliant white light. Tridonic is also showcasing its ART and FOOD versions at Light+Building. ART uses full-spectrum technology and has an exceptionally high colour rendering index (CRI) of 98, and FOOD provides perfect lighting for foodstuffs.

The new output classes for TALEXXengine STARK SLE make the perfectly matched system comprising LED module and converter – with fixed output current or digitally dimmable – even more efficient and cost-effective. A module efficiency of up to 145 lm/W at a CRI of 80 can now be achieved under real conditions (Hot Lumen). The new versions also offer impressive lifespans of up to 50,000 hours with a reduction in output to 90 percent.

The brilliant white of the TALEXXengine STARK SLE FASHION is the result of special spectrums which combine warm and saturated colours with pure and cool white. This means that there is no longer a yellowish tinge which previously occurred with LED-based fashion lighting compared with HID lighting. White clothing in particular appears radiant white in the light of the FASHION version. Another benefit is that this light engine does not emit any UV light so there is no bleaching of the dyes in the clothing.

A special feature of the ART version is its full-spectrum technology which leads to an exceptionally high CRI of 98 and ensures absolutely natural colour rendering. There are
various FOOD versions with different spectrums tailored to specific foods so that bakery products and fresh and cooked meats always look appetising.

All the new TALEXXengine STARK SLE LED modules are available in colour temperatures of 3000 or 4000 K with a CRI > 80 (CLASSIC) or > 90 (SELECT). They combine high quality of light with very small colour tolerances corresponding to MacAdam 3 or even MacAdam 2. An integrated reflector interface makes installing standard reflectors child's play, and designers have even thought to provide a thermal interface.

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About Tridonic
For more than 60 years Tridonic has been a successful innovation driver on the lighting market. This pioneer of digital lighting control is now focusing its attention increasingly on LEDs as the technology of the future. The broad offering for creating semiconductor-based and conventional lighting solutions ranges from individual components to complete systems. The focus is on LED systems comprising light sources and converters. An extensive portfolio of conventional control gear for different lamp types and light management systems rounds off the programme.

This global company is shaping the technological changes on the lighting market together with its strategic partners and places great emphasis on intensive and personal contact with its customers. The innovative product portfolio, in-depth application know-how and excellent service are aspects that luminaire manufacturers, architects, electrical and lighting planners, electrical installers and wholesalers all find impressive. Solutions based on components and systems from Tridonic meet the highest quality requirements for indoor and outdoor lighting in reference installations throughout the world.

Tridonic GmbH & Co. KG has its headquarters in Dornbirn in Austria. It is a subsidiary of the Zumtobel Group and has offices or partners in 73 countries. In the 2012/13 fiscal year more than 1,900 employees generated sales totalling 378 million euros. 9% of sales were invested in research and development.

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