

PRESS RELEASE

Light+Building 2012

Hall 2.0, Booth A30

LED light engine for direct/indirect light

Tridonic presents prototype at L+B

Dornbirn, April 15, 2012. At Light+Building Tridonic presents an LED engine for direct and indirect light. TALEXXengine STARK INDI emits homogeneous light both downwards and upwards and is an alternative to T5 and TCL lamps. The LED system is suitable for use mainly in offices and educational establishments. The slim low-profile product gives luminaire manufacturers enormous freedom of design.

The market launch of TALEXXengine STARK INDI in the CLASSIC version is scheduled for autumn this year. It is suitable for floor-standing and pendant luminaires. The LED modules have a CRI > 80 and meet all ergonomic requirements. The broad indirect distribution of light ensures uniform background lighting, while the direct portion of light efficiently illuminates the desk. The modules also offer highly reproducible white light quality (MacAdam 3).

TALEXXengine STARK INDI directs 80 % of its light upwards and 20 % downwards. In addition there is a choice of two color temperatures (3,000 K and 4,000 K) and dimmable or non-dimmable versions. Constant lumen values of 3,000 lm provide the basis for precise light planning and long life.

Homogeneous area light

As classic point light sources, LEDs have a high proportion of direct light. The clever arrangement of the light sources and appropriate light guides ensure that TALEXXengine STARK INDI produces a homogeneous area light. Side edge injection means that light points cannot be seen. Special diffuser materials play their part here.

Flexible design options

The LED modules also fit in luminaires previously equipped with T5 lamps (2 x 28 W, 2 x 35 W) or TCL lamps (2 x 28 W, 2 x 55 W). They also provide the inspiration for completely new designs. Several modules can be connected seamlessly to create strips of light with a continuous light emitting surface.

Different converters with and without a dimming function will be available to match the LED modules. The converters are equipped with numerous basic functions and digital interfaces to ensure efficient and durable operation of the LED modules. System efficacy is 100 lm/W.

Press contact

Markus Rademacher

Tridonic GmbH & Co KG
Phone: +43 5572 395 – 45236
markus.rademacher@tridonic.com

Evelyn Fritsch

Tridonic GmbH & Co KG
Phone: +43 5572 395 – 4301
evelyn.fritsch@tridonic.com

About Tridonic

Tridonic, headquartered in Dornbirn/Austria, develops, manufactures and markets equipment for a wide range of light sources, lighting management systems, LED solutions and connectors. Through its active partnership, outstanding service competence and technical expertise Tridonic enables its customers to implement lighting solutions of superior functionality and economy.

In the 2010/11 fiscal year, 2,300 employees in 30 locations achieved sales of 437 million euros. More than 250 development engineers create intelligent lighting concepts based on sophisticated systems and products. More than 570 inventions and over 2,000 patents are ample evidence of the powers of innovation of Tridonic. Customers include luminaire manufacturers, manufacturers of products that incorporate lighting, architects, electrical system designers, lighting planners, electrical contractors and wholesalers.

The history of Tridonic stretches back more than 60 years and is a success story with many highs. Today, true to its slogan “enlightening your ideas”, Tridonic is synonymous with outstanding products and services related to the fascinating subject of light.

For more information go to www.tridonic.com.