

PRESS RELEASE

October 29, 2015



Tridonic QLE PREMIUM System*

Feel-good light for offices, education and healthcare facilities

- **Tunable White now available for area luminaires**

Tridonic has expanded its product portfolio in the Tunable White segment with the addition of the square TALEXEngine QLE PREMIUM LED module. This has been designed specifically for area luminaires in healthcare facilities, offices and educational establishments. People, be they patients, staff or students who spend many hours in artificial lighting will be the main beneficiaries.

"Natural daylight has a positive effect on our well-being, health and productivity. It helps alleviate mood swings and keeps our biorhythms in balance. Dynamically adjustable light that changes over the course of the day has a comparable effect," explains Martin Thompson, Technical Services Manager at Tridonic. The new offering is a square lighting solution known as the Tunable White Area System, which is tailored precisely to the area luminaires often found in healthcare facilities, offices and educational establishments..

Product Details

The Tunable White Area System is available as a precalibrated set that provides optimum quality of light and high colour consistency. It consists of four square LED modules each with a luminous flux of 1250 lm and one low-profile LED driver with a one4all interface (DALI Device Type 8, DSI, switchDIM, colourTEMPERATURE) and

an output of 75 W. System efficiency is more than 130 lm/W. Thanks to the calibration the colour temperature can be set dynamically between 3000 K and 6000 K, with the luminous flux being kept constant. In addition, the system can be dimmed from 100 to 10% without changing the colour temperature. This means that it is able to achieve an excellent system colour tolerance of MacAdam 3.

Integrated thermal management ensures that the system does not require separate cooling. The long life of 50,000 hours reduces maintenance requirements considerably and the economical LED light sources and dimming function combine to provide a high level of lighting comfort and a reduction in energy consumption.

About Tridonic

As a leading international supplier of intelligent and efficient lighting solutions, Tridonic supports its customers and business partners on their journey to greater success with intelligent, impressive and sustainable lighting. Our components and lighting systems offer the highest quality, absolute reliability and considerable energy savings, giving our customers a distinct competitive advantage.

Tridonic constantly brings innovations and state-of-the-art lighting systems to market. More than 95 percent of our R&D projects are devoted to the development of new LED systems and technologies for networked light. Thanks to our expertise and know-how in vertical lighting applications (in retail outlets, offices, educational establishments, outdoor installations and industry, for example), leading luminaire manufacturers, architects, electrical planners, lighting designers, electrical contractors and wholesalers place their trust in Tridonic for their indoor and outdoor lighting.

Tridonic is part of the Zumtobel Group and has its headquarters in Dornbirn, Austria. In the 2014/15 fiscal year, Tridonic achieved sales of 393.8 million euros. 1,750 highly qualified employees and sales partners in 51 countries throughout the world are committed to the development and introduction of new, intelligent and networked lighting systems. With over 40 million light points installed per year, Tridonic is ideally placed to position lighting as a key element and important infrastructure for networking more than just light (the internet of things).

www.tridonic.com

* High quality jpeg available on request

For business enquiries please contact Richard Strode, MD, Tridonic

Tel: 01256 374319

Email:richard.strode@tridonic.com

For media enquiries please contact Avril Chaffey

T:01488 608898

M:07765 343565

E:avril@avrilchaffeypr.co.uk

If you no longer wish to receive news and information from Tridonic please contact Avril Chaffey at avril@avrilchaffeypr.co.uk or tel +44 (0) 7765 343565

AC/Tri 017