

PRESS RELEASE

May 18, 2016



Tridonic RLE Outdoor modules. High res image available

LED modules for outdoor applications

*** Ideal for robust luminaire design**

Tridonic's RLE EXC OTD 2x4/ 2x8 HP LED modules are resistant to overvoltage and are geared towards demanding outdoor and industrial applications. They can be combined with standard lenses and support modular luminaire design. Thanks to a variety of beam characteristics many different lighting scenarios can be created.

The robust TALEXXmodule RLE OTD EXCITE 2x4/ 2x8 HP high-performance modules will provide a durable lighting system which, thanks to an efficiency of up to 161 lm/W and 4 kV overvoltage protection, offers impressive performance both in outdoor and industrial applications in an extended temperature range from -40° to +105°C. The modules have passed the test carried out in an environment of saltwater and fog according to IEC 60068-2-52 and are also resistant to hydrogen sulfide (GR-1217-CORE).

The RLE OTD EXC have been designed so that they can be used with standard lenses that are available with varied emission characteristics offering enormous flexibility. "Depending on the beam characteristic, a symmetrical or asymmetrical distribution of light with wide or narrow beam angles is possible. This enables floodlight to be generated and rooms with particularly high ceilings such as those found in factories and warehouses to be illuminated," explained Martin Thompson, Technical Services Manager for Tridonic in the UK. He continued; "With an estimated life expectancy of 100,000 hours at an operating current of 700 mA (L80 B10 at 105°C at the tc point, or L90 B10 at < 80°C at the tc point) these modules offer a considerable reduction in maintenance time."

Tridonic offers a Design In service to ensure the best thermal design of the luminaire components, ensuring long-term reliable operation in L90 B10. If a temperature sensor is required that allows power reduction to protect the technology, the modules are also available with external and internal logic. Both versions are protected against polarity reversal.

M3 screws can be used to secure the LED modules in the luminaire together with the selected lens if required. Alternatively, the modules can be secured via M4 fixings directly in the luminaire head making assembly much easier.

When combined with a driver and ready2mains programmer, the LED modules can be easily programmed via the mains and can be adapted to changing lighting scenarios. In future, net4more, the new hardware and software platform, will open up even more possibilities for scalable and connected lighting thanks to its open interfaces.

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).

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