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PRESS RELEASE

Design of small stylish luminaires made easy
LED drivers with DALI power supply

Dornbirn, February 5, 2019. **With a height of only 11 or 16 mm the new drivers in the premium series (PRE) from Tridonic give luminaire designers enormous freedom to create versatile luminaire designs. In addition to the usual wide dimming range and one4all interface there are versions with an NFC interface. The 16 mm versions also have an integrated DALI power supply (po4a).**

The new PRE drivers pack state-of-the-art technology and all the functions of the premium portfolio into the smallest of spaces. The reduced low-profile housings have the same length and width as before (360 mm x 30 mm) but are now only 11 or 16 mm high instead of 21 mm. They offer virtually flicker-free dimming (<5 %) of the connected luminaires from 100 to 1 percent and are equipped with smart interfaces such as NFC (Near Field Communication) and integrated po4a DALI power supply. The combination of NFC and the companionSUITE software package enables the drivers to be quickly and wirelessly programmed during the production process at luminaire manufacturers. Complete packaging units of up to 10 items can be wirelessly configured in a single pass via an antenna. The po4a interface (extended one4all Interface) supplies sensors with power and thus simplifies implementation of sensor-controlled lighting solutions. Additional DALI lines for the sensor are no longer necessary.

Flexible setting options
Typical applications for the slim drivers in low-profile housings are linear and area lighting systems in the office environment. They are also suitable for safety lighting in accordance with EN 50172. Common to all the drivers are application-optimised operating windows for maximum compatibility, high energy savings thanks to low stand-by losses (<0.15 W) and high efficiency (>92 %). The drivers are available in both heights with outputs of 50 and 75 W, in each case with adjustable output currents of 100 to 400 mA. There are four options for adjusting the output current: wirelessly via NFC using the web-based Tridonic companionSUITE software, via DALI using masterCONFIGURATOR, with the appropriate I-SELECT 2 plug resistor or via the ready2mains programmer.

The manufacturer specifies a nominal life of 100,000 hours and offers a five-year guarantee.

Caption
The ultra low-profile drivers are equipped with NFC interfaces for simple wireless programming. The integrated DALI power supply (po4a) on the 16 mm versions allows easy integration of sensors without the need for additional DALI lines.

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About Tridonic
Tridonic is a world-leading supplier of lighting technology, supporting its customers with intelligent hardware and software and offering the highest level of quality, reliability and energy savings. As a global driver of innovation in the field of lighting-based network technology, Tridonic develops scalable, future-oriented solutions that enable new business models for lighting manufacturers, building managers, systems integrators, planners and many other types of customer.

To promote the vision of the "Internet of Light", Tridonic relies on partnerships with other specialists. The goal is the joint development of innovative technological solutions that convert lighting systems into intelligent networks and thereby enable associated services. Its profound, technical industry expertise makes Tridonic an ideal partner for established brands and for newcomers to the market.

Tridonic is the technology company of the Zumtobel Group and is headquartered in Dornbirn, Austria. In the 2017/18 tax year, Tridonic generated sales of € 352.7 million. 1,690 highly skilled employees and a worldwide sales presence in over 50 countries provide the basis for developing and launching new, smart and connected lighting systems.

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