

PRESS RELEASE

New generation of LED modules

Generation 5 LLE modules feature upgraded efficacy and quality

Dornbirn, 22 August 2018. **The fifth generation of the 24 mm LLE ADVANCED modules for linear luminaires and panel lights feature an impressively high efficacy of up to 200 lumen per watt as well as superior quality. Luminaire manufacturers and OEMs will also benefit from greater flexibility, thanks to the wider variety of products.**

With the fifth generation of the 24 mm LLE ADVANCED modules, Tridonic sets new standards in terms of the efficacy and quality of linear LED modules. This is down to a rigorous procurement and production process in which only premium raw materials are used. In addition, chip selection is based on strict optical criteria as well as comprehensive tests which far exceed the requirements of the usual standards. The efficacy of the LLE ADV5 modules has thus been boosted to 200 lumen per watt in the high-efficacy portfolio and to 190 lumen per watt in the standard portfolio.

Greater efficacy with a CRI > 90 and more flexible use

The efficacy of modules with a high colour rendering index (CRI) > 90 has been improved even further compared to the previous version. All modules are available with a CRI > 80 and a CRI > 90, both as SELV and non-SELV variants. There is even greater flexibility when using the modules now that it is also possible to combine SELV variants in different lengths, with the light remaining completely homogeneous. Lengths and drill holes according to ZHAGA requirements also allow the modules to be easily integrated into existing designs.

Wide range of applications

The new LLE modules are compatible with existing accessories for linear luminaires, such as ACL linear lenses with various beam characteristics, mounting clips, end caps and covers. With the appropriate covers, they can even be used straight away as luminaires. When combined with the appropriate LED driver (fixed output or dimmable version), a highly efficient system is created for a wide range of applications. The LLE modules are available in different lengths and with colour temperatures of 2,700 K, 3,000 K, 3,500 K, 4,000 K, 5,000 K and 6,500 K, whereby the respective colour temperature remains constant even when dimmed.

The modules have a service life of 72,000 hours and come with a five-year manufacturer guarantee.

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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 customers.

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 reflect the company's commitment to the development and deployment of new, smart and connected lighting systems.

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