

PRESS RELEASE

LED modules for spotlights and downlights with peak efficiency

New Chip-on-Board modules with best temperature behaviour

Dornbirn, 6 November 2018. **Tridonic's seventh generation of SLE ADV modules benefits from a chip upgrade resulting in even greater efficiency, longer life time and improved thermal management – all with excellent colour rendering. The modules are available with light-emitting surfaces of 9 to 15 mm (LES 9 to LES 15), with 17 and 21 mm variants set to follow soon.**

Tridonic is updating the portfolio of Chip-on-Board modules for spotlights and downlights. The seventh generation of SLE-ADV modules impresses with 14 percent greater efficiency, longer life time and improved, intelligent thermal management based on current Chip-on-Board technology. Another hallmark of the series is the excellent colour rendering. The dimmable modules cover colour temperatures of 2,700, 3,000, 3,500 and 4,000 K. They achieve peak values at colour temperatures of 3,000 K and 4,000 K: With an efficiency of 191 lm/W and CRI > 90, they demonstrate unequalled performance levels.

Higher luminous flux and excellent colour quality

The higher efficiency of the modules means that they require less power than before to deliver defined lumen values. Depending on the module size, the colour temperature and the current flow, they can achieve a luminous flux of up to 6,180 lm. In addition to the high luminous flux and excellent light quality, all modules also offer a high level of colour consistency, which corresponds to MacAdam 3. They are compatible with various SELV constant current drivers from Tridonic, which are tailored to the modules, and allow many different lighting solutions. The SLE G7 ADV modules with the corresponding drivers demonstrate their flexibility and strengths in shops and exhibitions in particular, as well as in different areas of the hospitality sector.

For the time being, the module series covers the entire range of light-emitting surfaces from 9 to 15 mm. Versions with LES 13 and LES 15 will be available in future in a robust, new D50 housing, which guarantees an even more stable connection between the chip and the housing and further improves thermal conductivity.

The manufacturer provides a 5-year guarantee for all modules.

Caption:

The seventh generation of SLE modules impresses with as yet unequalled efficiency, excellent colour rendering and high colour consistency.

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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 conservation. As a global driver of innovation in the field of light-based network technology, Tridonic develops scalable, future-oriented solutions that make new business models possible for luminaire 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 far-reaching, sector-specific expertise makes Tridonic an ideal partner for established brands and for newcomers to the market.

Tridonic is the technology company forming part of the Zumtobel Group and is headquartered in Dornbirn, Austria. In fiscal year 2017/18, Tridonic generated sales of EUR 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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