

PRESS RELEASE

Homogeneous light from the reel

Flexible LED strips for profile and linear luminaires

Dornbirn, February 1, 2021. **The new flexible LLE FLEX CC ADV2 strip from Tridonic is only 14 mm wide and offers high efficacy and excellent quality of light. It can be divided every 140 mm and adapted to the dimensions of various profile and linear luminaires.**

The second module generation of flexible LED strips needs no solder joints and is equipped with 16 powerful LEDs in every 140 mm segment. Small pitch spacings ensure homogeneous light of excellent quality. The flexible material of the LED strips and the adjustable length allow luminaires to be fitted with oval, round or free-form strips. With the option of making a cut every 140 millimetres, the module can always be made to the desired length. Logistics and production costs can thus be significantly reduced.

The flexible LED modules can be wired by means of simple soldering or WAGO low-profile terminals. The terminals are pre-assembled every 280 mm and enable particularly fast wiring with no unwanted shadow effects. Integration in the luminaire is really easy thanks to stable, weather-resistant 3M 93015LE adhesive tape.

Wide range of applications

With colour temperatures of 2,700 K, 3,000 K, 3,500 K and 4,000 K and adjustable light output, the strips can meet very different lighting requirements. Depending on the colour temperature, the colour rendering index R_a is >80 or >90 , with narrow colour tolerances (MacAdam 3). The new LED strips have a module efficacy of up to 206 lm/W. High-quality PCB and heat-conducting material ensures reliable operation even under extreme conditions over the entire lifetime of 72,000 hours. The manufacturer offers a 5-year guarantee.

Fig. 1

Caption: The flexible light strip is available in different colour temperatures on reels up to 25 metres long. It is highly versatile and saves space in the warehouse.

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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 2019/20 fiscal year, Tridonic achieved sales of 341.4 million euros. 1,932 highly skilled employees and a worldwide sales presence in over 70 countries provide the basis for developing and launching new, smart and connected lighting systems.

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