

PRESS RELEASE

EM powerLED BASIC

Functions for emergency lighting and mains operation in a compact package

Dornbirn, November 3, 2014. **The EM powerLED BASIC FX 80 W and the EM powerLED CPS FX 80W units combine basic emergency lighting functions and mains operation with an integrated simple CORRIDOR FUNCTION (sCF) in a compact low-profile casing. With a cross-section of 21 mm x 30 mm they are designed for installation in slim LED luminaires. Each unit covers a wide range of LED applications with output power of up to 80 W and both offer considerable potential for energy savings thanks to the integral sCF feature.**

The combined EM powerLED BASIC FX 80 W module not only enables LED modules to be operated from the mains supply but also provides simple emergency lighting functionality from a local battery. It covers a power range from 25 W to 80 W and the output current can be set via the Tridonic i-Select system in 25 mA steps between 150 mA and 500 mA.

The LED emergency lighting unit is suitable for a wide range of LED modules with forward voltages from 50 to 230 V. In mains operation the integrated sCF, in combination with a presence sensor, enables the lighting level to be reduced from 100 % to 10 % in the absence of people. This reduces energy consumption and leads to considerable cost savings.

In emergency lighting mode the operating time can be set between one and three hours via a jumper. Standard output or high output for emergency lighting can also be selected via a jumper and integrated power control ensures maximum output for the required operating time in an emergency.

The CPS version, EM powerLED CPS FX 80 W, has the same electrical parameters but is designed for operation on both AC mains and central DC battery systems.

In emergency lighting mode, from the central system, a lighting level of 100 % or 10 % can be set at the output. Depending on the application, the size of the central battery can therefore be reduced or, if required, a maximum light level can be achieved. The same simple corridor function sCF is available to reduce power in the absence of people.

Press contact

Markus Rademacher
Tridonic GmbH & Co KG
Phone: +43 5572 395 – 45236
markus.rademacher@tridonic.com

About Tridonic

For almost 60 years Tridonic has been a successful innovation driver on the lighting market. This pioneer of digital lighting control is not focusing its attention more and more on LEDs as the technology of the future. The broad offering for creating semiconductor-based and conventional lighting solutions ranges from individual components to complete systems. The focus is on LED systems comprising light sources and converters. An extensive portfolio of conventional control gear for different lamp types and light management systems rounds off the programme.

This global company is shaping the technological changes on the lighting market together with its strategic partners and places great emphasis on intensive and personal contact with its customers. The innovative product portfolio, in-depth application know-how and excellent service are aspects that luminaire manufacturers, architects, electrical and lighting planners, electrical installers and wholesalers all find impressive. Solutions based on components and systems from Tridonic meet the highest quality requirements for indoor and outdoor lighting in reference installations throughout the world.

Tridonic GmbH & Co. KG has its headquarters in Dornbirn in Austria. It is a subsidiary of the Zumtobel Group and has 27 of its own offices on 5 continents. In the 2013/14 fiscal year 1,970 employees produced sales totalling 384.5 million euros. 9.6 % of sales was invested in research and development.

www.tridonic.com