

Press information on the product group LED
Dornbirn, 11th of April 2010

LED operating equipment for every need

TALEXXconverter units from Tridonic are as varied as the LED solutions to which they are perfectly matched. They range from simple and functional to high-end with added value.

Dornbirn, Austria –ENEC-tested TALEXXconverter LED operating devices from TridonicAtco GmbH & Co. KG are impressively versatile. The converters presented at Light & Building have graduated features, providing the ideal basis for task-specific selection and ranging from simple solutions with monochromatic light to vibrant colour sequencing – for signage, accent lighting or general illumination.

Simple and functional

The main application for the new TALEXXconverter LCU series is signage. These converters supply a constant voltage for controlling the LED modules. Versions in IP67 and with constant voltages of 8 V or 12 V covers all outdoor applications. Converters with IP20 are available in 12 V and 24 V versions for indoor applications. The output extends from 15 VA or 35 VA up to 150 VA. Thanks to UL listing these converters are suitable for use throughout the world.

High demands

Dimmable TALEXXconverter LCBI units for more demanding applications operate LED modules at constant currents of 350 mA, 500 mA and 700 mA so higher luminous efficacies can be achieved. The output here is 16 VA; the 700 mA TALEXXconverter LCI device is also available with 32 VA in a non-dimmable version. The special thermally stable behaviour of the converters ensures that LED modules are operated perfectly and therefore enjoy long life. With the option of analogue dimming, these converters offer very high system efficiency of more than 90 %, making them suitable for RGB colour mixing. The compact TALEXXconverter LCBI

and LCI casings take up little space in a luminaire. If they are mounted separately from the luminaire, the fact that no tools are required to achieve strain relief results in considerable savings in time.

Added value

The one4all interface of TALEXXconverter LCAI one4all offers convenience and versatility in configuring LED solutions. DALI, DSI or switchDIM signals stand for infinite digital dimming so that static colour lighting moods and atmospheric colour chases can be programmed. The high-end converters, which are available with a constant current of 350 mA and 16 VA and with 700 mA and 32 VA, have integrated Intelligent Voltage Guard (IVG) and Intelligent Temperature Guard (ITG) monitoring circuits. Tool-less strain relief and double terminals for through-looping help make installing TALEXXconverter LCAI one4all units quick and easy, with added value for both installation and universal operation.

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This press release and corresponding images are available on:

<http://www.tridonic.com>

About Tridonic

Tridonic, a company based in Dornbirn/Austria, develops, manufactures and markets control gear for a variety of light sources, lighting management systems, LED solutions and connecting technology. Through our active partnership, outstanding service competence and technical expertise Tridonic enables customers to implement lighting solutions of superior functionality and efficiency.

In the 2008/09 financial year, Tridonic's 1,900 staff members working at 30 branch offices produced a turnover of EUR 366 million. More than 250 design engineers provide sophisticated systems and products. Over 200 inventions and more than 2,000 patents are proof of Tridonic's innovative power. Customers of the company include luminaire manufacturers, manufacturers utilising lighting solutions, architects, lighting designers, electrical consultants and installers as well as wholesalers.

*Tridonic's history goes back more than 50 years: a success story with many highlights. According to the company's principle "enlightening your ideas", Tridonic today stands for excellent products and services around the fascinating subject of light.
For more information, please visit www.tridonic.com*