

Presseinformation Projekt
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TRIDONIC FEATURES IN WORLD'S TALLEST BUILDING

The spectacular Burj Khalifa in downtown Dubai, the world's tallest building, is using a wide range of products from Tridonic, including LED chains, fixed output ballasts, magnetic ballasts, energy-saving electronic transformers and high wattage ballasts.

TridonicAtco GmbH & Co KG, Dornbirn/Österreich – Developed by Emaar Properties and measuring over 800 metres, Burj Khalifa is not only the world's tallest building, it is also the tallest free standing structure in the world and has the highest number of stories (160) in the world. It comprises a hotel, offices and residential accommodation, all constructed in compliance with Dubai's Green Building Code to ensure a high level of sustainability.

Tridonic products have played a key role in achieving this. For example, LED modules TALEXXchain P511 and TALEXXconverter have been used for signage throughout, as well as on the viewing platform at the top of the hotel, to ensure reliable, low maintenance lighting with low energy consumption.

Within the Armani Hotel, extensive use has been made of low voltage lighting and to ensure maximum efficiency this has been combined with Tridonic Possum transformers that use just 4 W of power instead of the typical 15 W required by low voltage lighting transformers.

In offices and corridors a range of Tridonic PC fixed output electronic ballasts have been used. These feature the innovative Intelligent Voltage Guard, which constantly monitors the mains voltage to the control gear to protect it against possible damage due to over or under-voltage. The ballasts were supplied to various luminaire manufacturers in the region for incorporation in their fittings.

The grounds of the Burj Khalifa cover an area of 11 hectares and much of the exterior lighting has been fitted with magnetic ballasts from Tridonic. These include OGS 250 & OGS 400 large magnetic ballasts controlling 250 W and 400 W street lamps for paths around the area of the building, lighting the roads and entrance areas of the building. Lighting in the service area uses EC magnetic ballasts, with impedance matched to the lamp type.

Through its use of various Tridonic products, the Burj Khalifa clearly demonstrates that energy efficiency and low cost of ownership can be combined with high performance lighting that adds real value to both interior and exterior environments.

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The press release and image are available for downloading from:

<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