

**PRESS RELEASE**

**January 22, 2015**

**Tridonic unveils connecDIM, an easy-to-integrate light management system solution for industry and commerce.**

- \* Small applications with only a few DALI devices can benefit just as much as complex lighting systems in large properties.**
- \* Recent report confirms tailored light can improve staff well-being.**

Tridonic, a leader in the provision of lighting controls for luminaires today launched connecDIM. This new system, comprising a connecDIM Gateway and a connecDIM Cloud, combines cost efficiency and user-friendly design with decentralised light monitoring and control options from anywhere in the world.

A long-term study conducted by Zumtobel, (Tridonic's parent company) in cooperation with the Fraunhofer IAO has confirmed that the present lighting situation in many offices often does not meet the requirements of the various groups of users. Lighting that is tailored to the needs of occupants has been shown to improve their well-being and make workplaces more attractive.

"When asked, more than 50 percent of all employees would like individually adjustable lighting that they can tailor to their specific needs and to the requirements of changing work situations," commented Simon Blazey, Pre Sales Manager, Northern Europe for Tridonic. He continued; "connecDIM makes this possible. This light management solution not only enables the lighting to be monitored at any time and from anywhere in the world, it also allows employees to adjust the lighting to suit their own individual needs quickly and easily via a PC or smartphone app." Both the intensity and the light colour (Tunable White) can be adjusted, thereby making employees feel more comfortable at work, as those who took part in the study can testify.

## **Benefits of connecDIM**

Whether the DALI system is a new one or an existing one, integrating it in a high-level light management system via the connecDIM Gateway is much easier, quicker and more cost-effective than has been possible with other approaches. This solution is based on standard hardware and internet technologies so there is no need to invest in expensive specialist hardware or software. connecDIM is easy to install, operate and tailor to individual customer requirements, and offers automated emergency lighting test functions. Once connected to the internet the gateway, as the heart of the system, collects all the data and parameters of the connected DALI devices and transfers them via TCP/IP to the central ConnecDIM cloud.

Building operators, facility managers and operation and maintenance personnel all benefit from the central monitoring functions. Not only do they receive an overview of the connected DALI devices, they can also see any lamp faults, hardware faults and dimming values at a glance so they can immediately take appropriate action. It is also possible to change the energy consumption without having to be present on site.

For more details of the survey and to download a copy for free of the full findings please visit <http://officelighting.zumtobel.com/en>

## **Technical details of connecDIM**

### **24 hours a day, 7 days a week**

The data stored in the cloud can be accessed at any time from anywhere in the world. Access is possible via web browsers from any PC or Mac, and also wirelessly via tablets or smartphones running iOS or Android. There are apps available for wireless access, namely connecDIM Lite for monitoring and controlling the installation within the property via the in-house WLAN and connecDIM Architect for commissioning and maintaining the installation.

If the luminaire installation is expanded additional DALI devices can be easily integrated via a PC or Mac internet connection or wirelessly via a tablet or smartphone. This involves addressing the devices, defining test routines (for example for emergency lighting operation), setting up predefined lighting scenes and controlling the light colour in the case of tunable white.

Four DALI lines each with up to 256 DALI devices can be connected per gateway. It is immaterial whether conventional T5/T8 luminaires or the latest LED luminaires are connected to the DALI lines.

### **About Tridonic**

For more than 60 years Tridonic has been a successful innovation driver on the lighting market. This pioneer of digital lighting control is now focusing its attention increasingly 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 own offices in 27 countries on 5 continents. In the 2014/15 fiscal year 1,970 employees generated sales totalling 384.5 million euros. 9.6 % of sales were invested in research and development.

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