

Press release on product group controls

Dornbirn, April 11, 2010

Combined lighting control

The PCA CRC controller from Tridonic provides the basis for energy-efficient operation of lighting systems. Work light is controlled according to demand with the aid of ambient light sensors and presence sensors.

Dornbirn, Austria – In schools or in offices, the prime function of lighting systems is to provide the right conditions for concentration and motivation. Nowadays, energy efficiency is another important factor. These requirements are perfectly met by the PCA CRC controller that TridonicAtco GmbH & Co. KG is showcasing at Light & Building 2010. It provides work lighting that is both ergonomic and energy-efficient.

It optimises the brightness level based on the ambient light sensor determining the situation for each individual light source in the room. The luminaires deep in the room are then set at a higher brightness value by the PCA CRC than those near the window.

The controller is also suitable for detecting movement so that the lighting can be switched-off after a predefined delay once the last person has left the room. By networking multiple controllers it is possible to create a full-coverage monitoring system with no “dead corners” and it is also possible to connect two sensors in parallel.

The PCA CRC controller from Tridonic has been designed specifically to meet the modern requirements of demand-led work light. Lighting systems that combine motion sensors and daylight-dependent control offer both energy efficiency and comfort.

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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