

## PRESS RELEASE

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### **Dimmable ballasts with numerous new features**

**Tridonic series for every need**

Dornbirn, April 15, 2012. **The new generation of dimmable PCA ballasts from Tridonic provides even more options for luminaire manufacturers and users. With new digital interfaces, sensor functions and memory functions the devices meet all the requirements for dimmable light and open up countless possible applications. The new PCA product range comprises three series: EXCEL one4all, ECO and BASIC.**

Tridonic as market leader for digital dimming offers a new product generation which raises the level of dimmable ballasts in terms of functionality, comfort, performance and efficiency. All the devices in the PCA series are in CELMA Class A1 BAT and have a typical standby consumption < 200 mW. They have a life of up to 100,000 hours at  $t_a$  50 °C. Tridonic offers a 5-year guarantee on all of them. Safety is the number one priority. This is provided by two major protection functions, namely Intelligent Temperature Guard (thermal protection) and Intelligent Voltage Guard (overvoltage indication and overvoltage shutdown). The portfolio of the PCA series covers all the usual lamp types (T5 HO and HE, T8, TC-L, TC-F, T5c, etc.). It also supports special types, such as amalgam lamps and energy-optimised T5 versions

To ensure intuitive commissioning all Tridonic ballasts are equipped with an interface that provides multiple control options. A special feature of the PCA series is that each control version is wired via the same connections. The device detects the control version and automatically switches to the appropriate mode. Flexible dimmable lighting systems can therefore be put into operation very quickly and without the need for any additional aids.

The integrated SMART interface offers a wide range of intuitive Plug-and-Play options. Depending on the series, the integratable SMART sensors can cover daylight control, presence detection and infra-red control. The SMART interface can also be used for configuring a lighting system and setting the parameters. SMART plugs are available for this purpose. With appropriate preprogramming they can be easily incorporated in the relevant PCA ballast.

### **Three series for clear orientation**

The new PCA product range comprises the following three series:

- Models in the PCA EXCEL one4all series are so versatile and convenient that they open up new lighting solutions and offer innovative additional functions.
- The PCA ECO series supports all the usual digital communication standards. These devices combine performance with ecological and economic benefits.
- Ballasts in the PCA BASIC series target energy efficiency and provide the basis for simple solutions. They are a real alternative in non-dimmable applications.

Tridonic offers these three series so that customers have a choice of functionality in clearly defined packages. The company therefore offers luminaire manufacturers precisely the functionality and price category that they need for their products.

#### **Press contact**

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

Evelyn Fritsch  
Tridonic GmbH & Co KG  
Phone: +43 5572 395 – 4301  
evelyn.fritsch@tridonic.com

#### **About Tridonic**

Tridonic, headquartered in Dornbirn/Austria, develops, manufactures and markets equipment for a wide range of light sources, lighting management systems, LED solutions and connectors. Through its active partnership, outstanding service

competence and technical expertise Tridonic enables its customers to implement lighting solutions of superior functionality and economy.

In the 2010/11 fiscal year, 2,300 employees in 30 locations achieved sales of 437 million euros. More than 250 development engineers create intelligent lighting concepts based on sophisticated systems and products. More than 570 inventions and over 2,000 patents are ample evidence of the powers of innovation of Tridonic. Customers include luminaire manufacturers, manufacturers of products that incorporate lighting, architects, electrical system designers, lighting planners, electrical contractors and wholesalers.

The history of Tridonic stretches back more than 60 years and is a success story with many highs. Today, true to its slogan “enlightening your ideas”, Tridonic is synonymous with outstanding products and services related to the fascinating subject of light.

For more information go to [www.tridonic.com](http://www.tridonic.com).