

**PRESS RELEASE**

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# **Control 16 lighting groups in multiple rooms with the COMPACT APC10 DALI-2 presence detector from ESYLUX**

**With its COMPACT series APC10 presence detectors, ESYLUX presents new intelligent automation solutions for the latest DALI-2 industry standard. They feature an integrated control unit and built-in bus voltage supply and can control up to 16 lighting groups. Combined with BMS presence detectors from ESYLUX as input devices, this enables self-sufficient, decentralised lighting control in multiple rooms. Features such as the ability to easily switch groups if the room is used for another purpose offer plenty of flexibility, while push button input allows the use of standard 230-V buttons.**

With the interoperability of devices from different manufacturers, DALI-2 has established itself as the future-proof industry standard for light control. COMPACT series APC10 presence detectors from ESYLUX make it easy to implement intelligent, decentralised automation of DALI-2 systems in multiple rooms — and with no need for building management systems or switch cabinet components.

## **Integrated application controller for up to 16 groups**

APC10 presence detectors facilitate planning and installation thanks to the integrated DALI-2 control unit (APC = Application Controller) and built-in bus voltage supply. They enable individual presence- and daylight-dependent constant lighting control of up to 16 lighting groups, thus exploiting the full

potential of DALI-2. BMS presence detectors from ESYLUX can therefore also be used as input devices for groups. The lighting systems can also easily adapt to unique and complex room situations.

### **Flexible group switching and orientation light**

One example is the flexible switching of groups. In offices with movable partitions, for example, the APC10 presence detectors can activate a different group scenario for each of the lights and input devices when the partition is opened and closed. This maintains optimal lighting conditions at each desk despite changing room use and without interrupting the lighting control. Up to 16 scenes and individually configurable afterglow and orientation light further increase the flexibility.

### **Configuration via bi-directional Bluetooth interfaces**

A DALI-2 system with APC10 presence detectors from ESYLUX can be easily started with factory settings in broadcast mode. Thanks to the integrated, bi-directional Bluetooth interface of the detectors, a simple configuration can then be carried out directly via ESY app and smartphone. The groups created in this way are then also ready to use instantly without having to change the factory settings. Bi-directional functionality allows devices to be read out, while the ESY app enables documentation and management of projects, for example as a PDF report.

The APC10 presence detectors are available with detection ranges of 8, 24 or 32 m and feature four push button inputs for overriding with standard, commercially available buttons. This means that any buttons that are already installed can still be used. Manual dimming allows the user to adjust the brightness setpoint of the lighting control at the same time, and an integrated 16-A relay also enables switching of HVAC or supplemental lighting. APC10 presence detectors can be installed in the ceiling using a standard drill bit with a diameter of 68 mm.

### **About ESYLUX - Performance for Simplicity**

ESYLUX develops, manufactures and distributes intelligent automation and lighting solutions that ensure better quality of life and energy efficiency in office buildings, educational institutions and health facilities. People's requirements and needs are central to the company's activities. ESYLUX places particular value on the simple application of its product solutions. ESYLUX customers and partners include wholesalers, installation companies, electrical and lighting planners and architects who trust in the company's more than 50 years of market experience and the personal, specialist advice provided by ESYLUX experts. Furthermore, the manufacturer meets the highest quality standards in research, development and production at its German site in Ahrensburg. The sales organisation is global: ESYLUX operates in collaboration with experienced trading partners and is represented by numerous subsidiaries in Europe, Asia and Oceania.

**Find more information at [www.esylux.com](http://www.esylux.com)**

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## Photos and captions

(Source: ESYLUX GmbH)



### **COMPACT APC10**

APC10 presence detectors from the COMPACT series can individually control up to 16 lighting groups.