

**PRESS RELEASE**

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# **Efficient, robust, intelligently controlled: OLIVIA-2 moisture-proof lights**

**The moisture-proof lights from the new ESYLUX OLIVIA-2 series provide both robust and intelligent lighting solutions for parking garages, corridors, storage areas and cellars. In addition to DALI-2 or ON/OFF drivers, they also feature an optional integrated high-frequency motion detector. The on-demand control of lighting groups combined with the luminous efficacy of the luminaires ensures energy-efficient operation. Design details such as the integrated through-wiring make installation easier than ever before.**

Intelligent light control and optimal luminous efficacy are vital prerequisites for ensuring energy efficiency in buildings today. At the same time, installation should be kept simple for when order books are full and there is a lack of trained personnel. In light of this, ESYLUX has expanded its portfolio with the LED moisture-proof lights from the new OLIVIA-2 series.

## **Optional integrated high-frequency motion detector for DALI-2 or ON/OFF**

The luminaires feature DALI-2-certified or ON/OFF drivers as well as an optional integrated high-frequency motion detector. Combined with the luminous efficacy of up to 162 lm/W, this motion detector reduces energy consumption: In the ON/OFF variants, it switches a group of sensorless OLIVIA-2 luminaires on and off independently and on demand. In the DALI-2 variants, it acts as an input device for a centrally controlled building automation system or for APC presence detectors from ESYLUX. These APC presence detectors provide decentralised, cross-room control of up to 16 groups using an integrated DALI-2 control unit,

while the OLIVIA-2 high-frequency detectors provide motion information from all areas for this purpose.

### **Increased energy efficiency in areas such as parking garages**

One example of a suitable application for this type of DALI-2 system is in parking garages, where lighting is typically in continuous operation. Illuminance is automatically increased only in zones where motion of people or vehicles is detected by a high-frequency motion detector of an OLIVIA-2 luminaire or by the APC presence detector itself. By contrast, all other zones are for example dimmed down to an economical, but still safe, orientation light level of 20 %. Time-dependent control is also possible with APC presence detectors.

### **Integrated through-wiring and variants with emergency lighting function**

Luminaires with a length of 1200 or 1500 mm are easy to install due to the integrated through-wiring of 5 x 2.5 mm<sup>2</sup> and two cable glands. The stainless steel mounting bracket for ceiling mounting can be moved flexibly; any available mounting screws obtained when replacing old luminaires can be re-used for this purpose. OLIVIA-2 variants with emergency lighting function and LiFePO<sub>4</sub> battery have been added to the portfolio. Tamper-proof stainless steel clips for fastening diffusers, IP66 protection due to injected silicon-based foam seals and IK08 impact resistance ensure functionality across all variants.

## **About ESYLUX – Performance for Simplicity**

ESYLUX develops, produces and distributes intelligent automation and lighting solutions for a better quality of life and energy efficiency in office buildings, educational institutions and healthcare facilities. People's requirements and needs are central to what we do. As a result, we place particular importance on ensuring that our product solutions are easy to use. ESYLUX customers and partners include wholesalers, installation companies, electrical and lighting planners and architects, who put their trust in more than 55 years of market experience and the personal, specialist advice provided by ESYLUX experts. Furthermore, ESYLUX meets the highest quality standards in research, development and production at its German site in Ahrensburg. Our sales organisation is global: ESYLUX operates in collaboration with experienced trading partners and is represented by numerous distribution companies in Europe, Asia and Oceania.

**More information is available at [www.esylux.com](http://www.esylux.com)**

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**Photos and captions**

(Source: ESYLUX GmbH)



OLIVIA-2 moisture-proof lights are available with an integrated high-frequency motion detector or emergency lighting function, thereby simplifying planning and installation.