

PRESS RELEASE

Ahrensburg, Germany, 11 February 2020

Intelligent synergy: ELSA-2 series downlights with integrated sensor technology

The ELSA-2 series is the first series from ESYLUX for DALI and 230 V with integrated presence and motion detectors. These detectors can provide energy-efficient control for the sensorless lights in this series. The DALI versions are also available with the SwitchDIM function, enabling the lights to be switched and dimmed using conventional switches. The lights have a low installation depth, which aids the installation process.

The more technology there is in a room, the more effort needs to be put into planning and installation. Using as few devices as possible is also hugely beneficial from both an aesthetic and an economic perspective. Finding synergies by combining automation and lighting, for example, help in this regard.

Intelligent sensor system in the centre of the diffuser

ESYLUX offers a prime example of this with its series of ELSA-2 LED downlights. The series includes variants with a presence or motion detector embedded in the diffuser for intelligent light control. This prevents the ceiling from looking cluttered and makes it easier to operate the lights, particularly in the DALI variants. In addition to the downlights with and without presence detectors, the series also features downlights that include an integrated DALI power supply as well as the sensor system.

As a result, this series provides users with all of the components needed for a presence- and daylight-dependent DALI lighting system. The sensors operate in broadcast mode, removing the need for an individual address to be allocated. Once the switch-off delay time has elapsed, an orientation light at 10–40% of the luminous efficiency can be set either permanently or for a time-limited period as required. If a simple manual dimmer solution is preferred to an automatic control system, this can be implemented using standard 230-V switches with the sensorless DALI downlights in this series, as the lights feature integrated SwitchDIM functionality.

230-V models with integrated motion detector

Beyond the DALI variants, the ELSA-2 series also includes downlights for standard 230-V switch operation. Featuring an integrated motion detector, these downlights are also equipped with built-in sensor technology and can control the sensorless models. As with the presence detectors in the DALI variants, the total range of these models is 8 m in diameter.

Like those in the predecessor ELSA series, the downlights in the ELSA-2 series have a low installation depth, making installation easier. At up to 100 lm/W, the luminous efficacy has once again been enhanced. The device can be commissioned immediately using the factory settings; settings can be conveniently adjusted as required using the Mobil-PDi/MDi remote control or the ESY Pen and ESY app.

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, ESYLUX 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

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Photos and captions

(Source: ESYLUX GmbH)



ELSA-2 series downlights



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