

PRESS RELEASE

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Ready-to-install plug-and-play lighting systems: New Quadro-Sets from ESYLUX.

With a new generation of Quadro-Sets, ESYLUX presents ready-to-install lighting systems with the ESYLUX Light Control (ELC) control technology for rooms up to approx. 20 m². In addition to an ELC presence detector and plug-and-play wiring, the sets include the new ELC SMARTDRIVER-2 control unit and four ELC recessed lights from the expanded CELINE-2 series. The sets offer versions with energy-efficient Human Centric Lighting or with presence- and daylight-dependent constant light control.

Lighting systems featuring ESYLUX Light Control (ELC) can be grouped, scaled and networked in the protective extra-low-voltage range via plug and play: This offers a time saving of up to 60 %, even when there is a lack of trained personnel. The Quadro-Sets offer a ready-to-install version of the lighting systems for rooms up to approx. 20 m². ESYLUX has now improved several core components of the sets.

DALI DT8 driver for controllable additional lighting

Depending on the version, the Quadro-Sets provide presence- and daylight-dependent constant light control with 4000 K or energy-efficient Human Centric Lighting with 2700 – 6500 K. Each set contains four ELC recessed lights, an ELC presence detector, plug-and-play wiring and now also the new ELC SMARTDRIVER-2 control unit. As a result, Tunable White luminaires with DALI DT8 drivers can now be integrated in the variants with Human Centric Lighting to provide additional lighting and can be controlled synchronously with the main lighting. Until now, this had been possible with dimmable DALI luminaires with a fixed light colour.

Connection method enables seamless scaling and networking

Other technical improvements to the control unit relate to its installation. Groups can now be scaled or networked via other plug-and-play connectors to prevent confusion. The SMARTDRIVER-2 is also able to detect whether there is a sufficient power supply to the system, and automatically switches the C0 bus supply on or off as required. The significantly slimmer housing now has flexible mounting feet.

The four recessed lights in the new Quadro-Sets come from the CELINE-2 series, which has also been further developed. Luminosity and luminous efficacy now reach up to 4600 lm and 139 lm/W. At the same time, the reduced weight and the lower design height of the luminaires ensure a smaller load and easier installation. The RJ45 sockets of the luminaires for plug-and-play connection to the control unit are now attached to movable and correspondingly flexible cables on the side of the housing.

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 trust in the company's 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. 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

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Photos and captions

(Source: ESYLUX GmbH)



A Quadro-Set contains an ELC presence detector, an ELC control unit, four ELC ceiling lights and plug-and-play wiring for rooms up to approx. 20 m². Alternatively, the ELC lighting systems can be freely configured.