

PRESS RELEASE

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Create energy-efficient, healthy lighting: LENJA ceiling lights from ESYLUX

With the LENJA series, ESYLUX is presenting elongated ceiling lights for intelligent DALI-2 light control in offices, educational institutions and healthcare facilities. The pendant lights in the series have an indirect light proportion of 45 % and can be elegantly integrated into the light control system using accessory modules with built-in presence detectors. The surface-mounted variants are also suitable for harsher environments, if required, due to protection type IP44. Energy-efficient Human Centric Lighting can be achieved using the Tunable White variants from the series in combination with DALI-2 control units from ESYLUX.

Whether in a classroom, above a desk or in a communal area of a retirement home: Ceiling lights with a narrow, elongated design are often considered a more elegant lighting solution especially for solid ceilings and offer a wide range of potential applications. With the new LENJA series, ESYLUX is now expanding its portfolio with corresponding pendant lights and surface-mounted luminaires with DALI-2-certified drivers.

Pendant lights with intelligent accessory modules

LENJA pendant lights ensure a balance of light and shadow in the room due to an indirect light proportion of 45 % and offer a luminous efficacy of up to 159 lm/W. In addition to a pure blank module, the optional accessories include a module and an end cap, each with an integrated DALI-2 presence detector from the ESYLUX FLAT series. This acts as an input device for a light control system from ESYLUX

or from third-party providers. In this way, installation of a light strip and integration into an intelligent DALI-2 light control system can be easily combined.

Surface-mounted variants with protection type IP44

Just like the pendant lights, the surface-mounted variants in the series benefit from homogeneous, dazzle-free illumination due to the backlight arrangement of the LEDs and an LED service life of up to 100,000 h L80B50 at 25 °C. While the pendant lights feature protection type IP40 to primarily prevent insects from entering the luminaires, the surface-mounted variants feature enhanced protection type IP44, which also enables use in sanitary and changing areas, for example.

Tunable White variants for Human Centric Lighting

As well as variants with a fixed light colour of 3000 or 4000 K, the series also includes Tunable White variants with 2700 – 6500 K. Energy-efficient Human Centric Lighting can be achieved with these variants when integrated in an ESYLUX light control system. The APC30 HCL DALI-2 control unit, integrated into a presence detector or DIN rail module, features SymbiLogic technology from ESYLUX: For daylight-imitating light gradients combined with demand-driven light control.

All LENJA luminaires feature a SwitchDIM function for dimming individual luminaires using a conventional push button and are suitable for use in screen-based workplaces due to a UGR value of ≤ 19 . Variants with an emergency lighting module for security lighting with durable LiFePO4 battery and automatic testing are available for protection in the case of emergencies.

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 over 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

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Photos and captions

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A blank module and an end cap, each with a built-in DALI-2 presence detector, enable elegant integration of pendant lights from the series into the light control system.