

Press release — ESYLUX lighting

Low-profile design for flexible use — the STELLA LED ceiling lights from ESYLUX

Ahrensburg, Germany, 21 April 2017. The STELLA series manufactured by ESYLUX are square LED-panel lights. Thanks to their particularly low-profile design, they can be used flexibly and installed easily. They are suitable for use in ceiling systems or for installation in lightweight walls, but look just as elegant when suspended from solid ceilings. They can also be surface-mounted if an additional frame is provided. DALI variants for intelligent light management are also available alongside the classic 230-V switch operation. The lights have a long service life, with a minimal flicker factor.

The wide range of different ceiling lights in offices, educational institutions and health facilities indicate that maximum flexibility is an important factor to bear in mind when designing lights for this purpose. One example is the new STELLA LED ceiling lights manufactured by ESYLUX. Thanks to their design, they can cover an extremely wide range of applications.

Elegant and versatile pendant light

The square STELLA lights feature a particularly low-profile design of just 10 mm and are initially optimised for use in suspended ceiling systems. The low height of their white aluminium housing—thanks to the lateral positioning of the LEDs—also makes them easier to install even where there is little available space above these ceilings. Alternatively, the lights are suitable for installation in lightweight walls, or they can be surface mounted using the frame that is available separately. The option of suspending the STELLA lights from a solid ceiling makes for a particularly elegant design statement. When it comes to ceiling distance, the corresponding pendant mountings are highly flexible and can be adjusted from 54 to 120 cm.

Fatigue-free lighting and energy-efficient overall system

The inconspicuous exterior of the STELLA conceals modern LED technology. Alongside the classic 230-V switch operation, variants with the DALI ballast are also available. This creates wide-ranging options for intelligent light management.

The diffusers are prismatic or opal white, and a UGR value of less than or equal to 19 means they comply with the relevant standards for use in screen-based workplaces. To ensure that the light is completely flicker-free and therefore fatigue-free, ESYLUX has—as always—paid particular attention to the flicker factor. It is below 3%, meaning it is as low as possible.

A total light yield of up to 115 lm/W and a high service life of 50,000 hours ensures the STELLA lights are especially sustainable. The lights are available for system dimensions of 600x600, 625x625 and 300x300 mm, and with a light colour of 3000 or 4000 Kelvin. In addition to this, variants with a tunable white of 2700 to 6500 Kelvin are already in development.

Photos and captions

[Photo: STELLA]



Photo: ESYLUX GmbH

[Photo: STELLA]



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About ESYLUX — Performance for Simplicity

ESYLUX develops, manufactures and sells products for enhanced energy efficiency, comfort and safety for the building sector. Its focus is on sensor-based, demand-driven automation and lighting. The aim is to improve people's quality of life with both intelligent and user-friendly solutions that meet the most complex requirements yet remain easy to implement. The company – which has its headquarters near Hamburg, Germany – counts wholesalers, installation companies, electrical and lighting planners and architects among its partners. These partners place their trust in almost 50 years of market experience, high service standards and the prioritisation of German locations as sites for research, development and production. The sales organisation is global: ESYLUX operates on five continents in collaboration with 17 experienced trading partners and is represented by a total of 13 subsidiaries in Europe, Asia and Oceania.