

Press information – ESYLUX indoor lighting

Pendant light with intelligent sensors: ISABELLE from ESYLUX

Ahrensburg, 2 November 2017. The ISABELLE pendant light manufactured by ESYLUX is a new indoor lighting solution with integrated intelligence: At its highest level of configuration, a presence detector built into the luminaire head ensures convenient and energy-efficient operation and also makes optimal use of the long LED lifetime. Thanks to its sleek design, the light is perfectly suited to use in a wide variety of surroundings.

Reception desks, conference rooms, buffet areas — pendant lights are often installed in locations where a subtle, understated appearance is required in addition to a high quality of light. For applications such as these, ESYLUX has developed the ISABELLE pendant light series.

Sleek design and optional intelligence

The elegant design of its powder-coated, warp-resistant metal housing enables the light to be installed in any space. At its highest level of configuration, an intelligent DALI presence detector is installed in the centre bar: The detector ensures that the light is only activated when people are present and only to the brightness required according to the available daylight. In this way, it provides a high level of automation convenience, reduces energy consumption and makes optimal use of the LED lifetime (50,000h L80B10). Users can easily perform manual override using the switch on the luminaire head or via the supplied infrared remote control. When the light is dimmed manually, the target value for daylight-based constant lighting control is also adjusted automatically.

Glare-free direct and indirect light

The ISABELLE light comprises both direct and indirect illumination that floods the ceiling with light. The transparent, easy-to-clean cover prevents dirt or insects from penetrating inside the light from above. The high-grade PMMA-plastic diffuser for direct illumination produces particularly glare-free light. The UGR value of less than or equal to 16 allows the light to be used not only in screen-based workspaces, but also for work on technical drawings as required. The

pendant light provides flicker-free lighting for healthy, fatigue-free work in every space.

In addition to variants equipped with a presence detector, versions of the pendant light are also available for a simple 230-V switching operation or with DALI electronic ballast. As with sensor-controlled lights, no additional accessories are required for installation as the electronic ballast is integrated at the factory. All versions are available in black or white and in light colours of 3000 or 4000 K. The luminous efficacy is, depending on the light colour, 105 or 110 lm/W.

Photos and captions

[Photo: isabelle]



Photo: ESYLUX GmbH

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.