

PRESS RELEASE

Ahrensburg, 19 May 2020

The best work lighting gets an upgrade: Added functionality for lighting systems with ESYLUX Light Control ELC

Lighting systems with ESYLUX Light Control provide energy-efficient human centric lighting and can be installed via plug-and-play. Now manufacturer ESYLUX unveils a new function for the systems which will expand their capabilities yet further. Flexible configuration, time, integration and control functions increase the freedom of design and allow customised adaptation to application-specific requirements.

RWE AG company headquarters in Essen, the service department of the Danish bank, Jyske Bank, the workspaces at Helmholtz-Zentrum Berlin: Many different workplaces rely on lighting systems with ESYLUX Light Control ELC nowadays. ELC lighting systems—consisting of co-ordinated lights, presence detectors, control units and cabling—now include configuration, time, integration and control functions and thus provide new design options in a range of applications.

Swarm function for extra comfort in open-plan offices

One such configuration example is the swarm function, which prevents the formation of isolated islands of light in partially occupied open-plan offices. This is made possible by the communication of networked system groups, which control the light in their room zones autonomously using integrated presence detectors. If the workplaces within a zone are unoccupied, the lighting is dimmed to an

orientation light rather than being switched off automatically. This benefits employees who are still in the office by providing a pleasant, low-contrast lighting atmosphere, which is also kinder to the eyes. The system does not switch off all the lights until the last person has left the office.

Flexible configuration of groups and light channels

With ELC lighting systems, groups are formed, scaled and networked using plug-and-play. The factory settings mean that the systems are immediately ready for use following installation. ESY Pen and ESY app now provide a convenient way to configure the systems even more individually. This includes, for example, creating application-specific scenes with a scene editor.

Up to four light channels are available to enable room zones to be illuminated permanently or differently depending on the scene, in addition to or as an alternative to lighting control. The lighting systems of control units can now be assigned flexibly to these light channels by mapping in the ESY app. If a system consists of several self-controlled groups, lights in different groups can be assigned to the same light channel, for example. This means that the lights can be controlled together in sync in a scene, whereas they are controlled within their respective group in standard operation.

Mobile project management using the ESY Pen and ESY app

Interested parties can find out about the entire range of functions and application examples in practice in the "ESYLUX ELC concept and functions" brochure, which can be downloaded from the media centre on the ESYLUX website. ELC lighting systems provide energy-efficient human centric lighting using integrated SymbiLogic technology. In addition to parametrisation, ESY Pen and ESY app enable simple remote control, light measurement and mobile project management of project libraries.

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 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



ESYLUX ELC additional function 1 *Source: iStock.com/imaginima/ESYLUX*
ELC lighting systems provide energy-efficient human centric lighting.



ESYLUX ELC additional function 2 *Source: ESYLUX*
Installation including grouping, scaling and networking is carried out via plug and play.