

Simple mounting and differentiated lighting:**Compar surface-mounted luminaires from ERCO**

Lüdenscheid, July 2017. The simple path to perfect light: ERCO presents a product for real problem solving in the form of Compar Square surface-mounted luminaires. The quality and versatility of the innovative, linear lighting technology taken from the Compar recessed luminaire program is united within a compact housing that can be mounted on all types of ceilings. In this way either existing or new management buildings can be illuminated ergonomically and in diverse ways – ranging from entrance areas to office workplaces.

Two major trends currently influence the design of office spaces that increasingly place high quality surface-mounted luminaires in the focus of lighting designers – on the one hand new buildings with exposed, thermally active concrete ceilings, and on the other modernised, redesigned and converted existing buildings where suspended ceilings are frequently removed. However, these are just two applications among many, where compact surface-mounted luminaires with efficient, precise lighting technology, as provided by the new Compar Square, offer attractive and economical solutions.

Three lumen packages and four light distributions

Thanks to the linear lighting technology from the recessed Compar luminaire range, surface-mounted Compar Square luminaires feature four highly precise and efficient distributions: wide flood and oval wide flood for the standard-compliant illumination of workstations, and extra wide flood and oval flood for the efficient lighting of circulation areas, ancillary rooms and corridors that also enable particularly economical luminaire spacing. Compar optics offer high levels of visual comfort due to a 30° cut-off, and louvres are available in black or highly specular silver.

The Compar Square system also has three lumen packages that allow lighting designers to coordinate luminous flux to room zones with different uses or various room heights. The scale ranges from 1260lm to a high-output 4920lm, making

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Compar Square surface-mounted luminaires ideal for the powerful illumination of higher rooms.

Compact, elegant and with optimal temperature control

The high-performance LEDs accommodated in a compact, cast aluminium housing always keep a cool head – sophisticated thermal management ensures optimum operating conditions for both the LED modules and for the operating electronics accommodated in the space between the modules. This along with careful selection of components ensures the luminaires are able to fully exploit the high lumen values of the LEDs.

The elegant housing is powder-coated in white 200mm square and has a height of just 64mm. ERCO engineers placed particular emphasis on simple mounting: the luminaire is installed onto a separate mounting plate and can be subsequently adjusted by $\pm 3^\circ$ for perfect alignment. Suitable spacer plates are available as accessories for routing the cables on plaster.

Systematic diversity

In accordance with ERCO luminaire ranges, Compar Square is available in warm white (3000K) and neutral white (4000K) light colours. In addition to switchable control gear, ERCO also offers phase dimmable control gear and variants with DALI interface. As a result, Compar Square presents lighting designers and users with a logical, flexible and high-performance toolbox for rooms requiring surface-mounted luminaires.

Technical features

ERCO lens system:	Lens system made of optical polymer, collimating optic made of optical polymer, light distributions: Wide flood, Extra wide flood, Oval flood, Oval wide flood
ERCO LED module:	High-efficiency LEDs on metal core PCBs, light colours: warm white or neutral white, 3000K / 4000K
Louvre:	plastic, silver or black
Housing:	cast aluminium, plastic
Installation:	ceiling surface-mounting, with ceiling mounting plate, retroactively adjustable
Control gear:	switchable, dimmable (leading edge) or DALI

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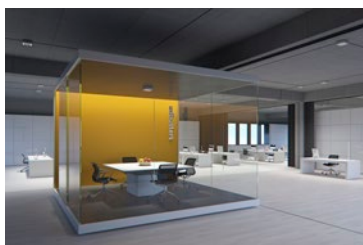
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Images



With its compact, elegantly square housing, the Compar Square surface-mounted luminaire is particularly suitable for mounting on solid ceilings and for effective, high quality lighting as part of modernisation projects.

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Compar Square surface-mounted luminaires enable offices, circulation areas and ancillary rooms in management buildings to be illuminated in a variety of ways, with high efficiency and in compliance with standards.

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About ERCO

The ERCO Light Factory in the German town of Lüdenscheid is a leading international specialist in architectural lighting using LED technology. The family business, founded in 1934, now operates as a global player with independent sales organisations and partners in 55 countries worldwide. Since 2015 ERCO's portfolio has been 100% LED. With this in mind, ERCO in Lüdenscheid develops, designs and produces digital luminaires with focus on photometrics, electronics and design. Working closely with architects, lighting designers and engineers, ERCO develops lighting tools used primarily for applications in the following fields: Work, Shop, Culture, Community, Hospitality, Living, Public and Contemplation. ERCO understands digital light as the fourth dimension of architecture – providing highly precise and efficient lighting solutions to support creative designers in turning their visions into reality.

If you require any further information on ERCO or image material, please visit us at www.erco.com/presse. We can also provide you with material on projects worldwide for your media coverage.

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