

Compact system with a pivotal feature:

ERCO Oseris spotlights

Lüdenscheid, May 2017. The new Oseris system of lighting tools is more than just another spotlight in the ERCO range. Oseris features a uniquely characteristic swivel joint bevelled flush against the semi-spherical light head for a sleek design. As well as enhanced aesthetic appeal, this approach offers several functional advantages. Sophisticated digital technology means that Oseris delivers the superior standard of quality inherent to all luminaires in the ERCO system concept – with a wide range of lumen packages and light distributions that will inspire even the most creative designers and users.

Evocative lighting concepts for a shop, a small gallery or a high-end residence share one common requirement – lighting tools with a distinct yet compact design that convey character and charm whilst enabling differentiated lighting solutions for a multitude of visual tasks. The new ERCO Oseris range of spotlights for track mounting is designed precisely for this purpose, offering the right lighting tool for applications ranging from specialised museums through to fashion-conscious boutiques.

Brilliant swivel joint

With Oseris, an ingenious design idea has been integrated into the world of digital lighting. The swivel joint is bevelled flush against the semi-spherical light head for a sleek design. The idea behind this approach will be familiar to seasoned lighting designers as the same characteristic of the Oseris spotlights before the change-over to LED technology. As well as enhanced aesthetic appeal, this design solution offers several compelling technical advantages that made it too good to archive. With this in mind, the ERCO design team decided to adopt the same approach in a major upgrade of Oseris to LED technology. The hinge is designed to facilitate precise alignment of the spotlight, which pivots around its own axis, providing a compact tool for tight situations such as ceiling channels or the design of a creative shop window display.

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Systematic sophistication: the lighting technology

True to the ERCO luminaire system concept, the Oseris spotlights now feature the proprietary optical system developed and produced by ERCO in-house, consisting of collimators and six interchangeable Spherolit lenses for flexible lighting solutions that satisfy superior standards of light quality and efficiency, with seven different light distributions. The rotationally symmetrical options now range in five stages from narrow spot through to the new extra wide flood with a fantastic cut-off angle of almost 80°, achieving efficient ambient lighting with just a few Oseris floodlights spaced far apart whilst ensuring optimum glare control. Add to this the axially symmetrical and asymmetrical light distributions oval flood and wallwash for perfectly uniform vertical illuminance. The cast aluminium light head ensures efficient thermal management for a long life of the LEDs.

Tools for differentiated lighting concepts

As well as an impressive variety of light distributions, the Oseris range allows for even broader creativity with two sizes, each with two different wattages, thereby offering a spotlight with the right lumen package for every requirement. To optimise the already efficient visual comfort of ERCO lighting tools, Oseris can be fitted with a snoot for demanding visual tasks requiring optimum glare control. The control gear is housed in the ERCO transadapter, with options including switchable, phase dimmable and DALI, whilst the spotlights for use with external trailing-edge dimmers have an integrated potentiometer with a dimming range from 1% to 100% – adding the ideal finishing touch to a differentiated lighting concept.

Technical features

ERCO lens system:	Spherolit lens, collimator made of optical polymer, light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood, wallwash
ERCO LED module:	High-power LEDs on metal-core PCB, light colours: warm white or neutral white, 3000 or 4000K
Housing:	Cast aluminium, powder-coated, white, black, silver
Adapter:	ERCO transadapter for track
Control gear:	Switchable, phase dimmable or DALI dimmable

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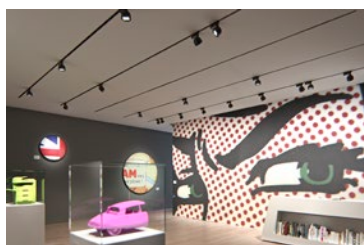
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Images



As well as enhanced aesthetic appeal, Oseris offers added functional value, with a compact swivel mechanism allowing precision alignment of the ERCO spotlight as a compelling argument for use in museums and shops.

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In addition to seven light distributions, the Oseris range allows for even broader creative scope with two design sizes, each with two different wattages, thereby offering a spotlight with the right lumen package for every requirement.

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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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