



Durable, effective and circular: Pollux New spotlights and Skim Panlens downlights from ERCO

Copies and links requested.

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Lüdenscheld, September 2025. Designing for circularity, producing sustainably – exactly where it makes a real difference: ERCO puts this into practice with two new luminaire families, both targeting broad areas of applications. With the [Skim Panlens](#) downlights, the manufacturer is for the first time using lenses made from 100% recycle. And the [Pollux New](#) spotlights now deliver 33% more light thanks to an electronics upgrade, with no change in size.

As a guiding principle on the path to greater sustainability, luminaire manufacturer ERCO has coined the term [Greenology®](#). "Light is our contribution to making society and architecture better while also preserving our environment", explains Marcus Schramm, Managing Director at ERCO, about this approach. "Greenology combines ecological responsibility with technological expertise and is our strategy for sustainable lighting." The key factors are particularly efficient lighting technology, durable luminaires, CO2-neutral production and the consistent expansion of the circular economy. The new [Pollux New](#) and [Skim Panlens](#) families are milestones on this journey. They take different approaches, but as universally applicable to spotlights and downlights, both are designed for a wide range of practical lighting applications.

Skim Panlens: The first ERCO lens made from 100% recycle

The new Skim Panlens downlights offer a cost-effective solution for ambient lighting – for example, in administrative buildings or offices. As [recessed](#) or [surface-mounted](#) luminaires, they build on ERCO's proven Skim downlight series. Its sustainability is based on innovative lighting technology: ERCO is using a lens made from 100% recycle for the first time – with no compromises in light quality or durability. The new lenses are produced from sprue parts left over from the many lenses for spotlights and downlights that ERCO develops and manufactures in-house. Until now, these production scraps were passed on for further use. Now, a new process enables 100% in-house re-use: The material is cleaned, shredded and processed into high-quality plastic granulate by a local partner. This granulate is then used to produce the lens for Skim Panlens. By responsibly using such resources, indirect emissions from raw material procurement are reduced by up to 95% and the carbon footprint is lowered. This makes Skim Panlens the product family with the lowest Global Warming Potential in the ERCO range.

Pollux New: 33% more output from the proven mould

Within the ERCO range, [Pollux spotlights](#) are regarded as an entry point into sophisticated accent lighting with excellent value for money. They combine a compact, cylindrical luminaire head with an adapter for the [ERCO track](#), which also houses the control gear. This makes them suitable for a wide range of applications such as museums, hospitality, retail or even private living spaces. [Pollux New](#) gives these spotlights a performance upgrade in their timeless, proven design – thanks to newly in-house manufactured control gear. This allows one more LED to be operated on the board within the same compact 66 mm diameter housing, which results in 33% more light than the previous model of the same size. The thermal management of the die-cast aluminium luminaire head and the completely re-designed opto-electronics are built for a service life of at least 20 years, in accordance with the current ERCO factory standard. The environmental bonus: Less material and tooling required – because the smaller, already existing housing now delivers the same output.

Successful sustainability strategy

The consistently sustainable design of new high-volume products like [Skim Panlens](#) and [Pollux New](#) underlines how deeply this topic is embedded in ERCO's corporate culture. Other building blocks of [Greenology®](#) include, for example, a minimum 20-year service life for all newly developed luminaires as part of the ECO Design factory standard, the operation of a PV system on the roof of the light factory, which has saved around 54 tonnes of CO2 annually since 2007, and environmental product declarations (EPDs) that are available for every luminaire. These efforts are also certified by independent bodies: In 2024, ERCO was awarded the EcoVadis Silver Medal, placing it among the top 15% of over 100,000 companies evaluated.

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Pollux New

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More about Pollux New

Technical features

ERCO lens system:	Spherolit lens, collimating optic made of optical polymer
Distributions:	Narrow spot (4°) Spot (16°) Flood (29°) Wide flood (49°) Extra wide flood (84°) Oval flood (17° x 63°) Wallwash (uniform wallwashing)
ERCO LED module:	High-power LEDs
Light colours:	2700K CRI 92, 3000K CRI 92, 3000K CRI 97, 3500K CRI 92, 4000K CRI 92
Housing:	cast aluminium
Protection mode:	IP68; Safety Class II
Mounting:	Transadapter for 3-phase-/DALI-tracks
Control gear:	On-Board Dim, DALI dimmable or Casambi Bluetooth

Skim Panlens

Discover Skim Panlens: <https://youtu.be/gkTjPqPZp2A>

Discover more: <https://www.erco.com/press/8020/en>



More about
Skim Panlens



Watch the video

Technical features

ERCO lens system:	lens made from 100% recycled optical polymer
Anti-glare cone:	white
Direct distributions:	Wide Flood (61°) Extra Wide Flood (83°)
ERCO LED module:	Mid-power LEDs
Light colours:	2700K CRI 92, 3000K CRI 82, 3000K CRI 92, 3500K CRI 92, 4000K CRI 82, 4000K CRI 92
Housing:	cast aluminium
Mounting:	recessed, surface-mounted
Control gear:	DALI dimmable or Casambi Bluetooth (recessed mounting)

Images



The product family with the lowest Global Warming Potential in the ERCO range: Skim Panlens downlights provide efficient and sustainable ambient lighting with an attractive price-performance ratio.

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The lens of the Skim Panlens is made from 100% recycylate. Offcuts from ERCO's lens production are collected and reprocessed – a significant step towards a circular economy.

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Pollux New is the entry point into accent lighting with ERCO spotlights. Its compact design makes it especially effective in museums, hospitality, retail and even residential settings.

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Pollux New gives a proven product design a performance upgrade: Thanks to new control gear and one additional LED, the compact spotlight produces 33% more light – with the same size and excellent value for money.

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About ERCO

ERCO is an international specialist for high-quality and digital architectural lighting. The family-owned company, founded in 1934, operates globally in 55 countries with independent sales organisations and partners.

ERCO understands light as the fourth dimension of architecture – and thus as an integral part of sustainable building. Light is the contribution to making society and architecture better and, at the same time, preserving our environment. ERCO Greenology® – the corporate strategy for sustainable lighting – combines ecological responsibility with technological expertise.

At the light factory in Lüdenscheid, Germany, ERCO develops, designs and manufactures luminaires with a focus on photometric optics, electronics and sustainable design. The lighting tools are developed in close collaboration with architects, lighting designers and electrical designers. They are used primarily in the following applications: Work and Culture, Community and Public/Outdoor, Contemplation, Living, Shop and Hospitality. ERCO lighting experts support designers worldwide in transforming their projects into reality with highly precise, efficient and sustainable lighting solutions.

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

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