

ERCO

Light
People
Architecture



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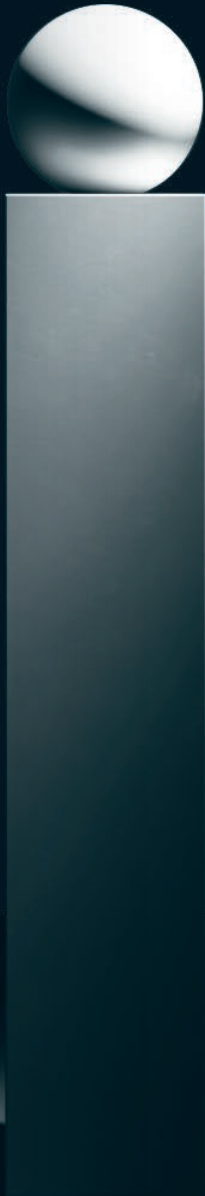
Photos (page):

Jackie Chan (46, 64), Örn Erlendsson (13), Finbarr Fallon (31), Axel Gross (C2-1, 8-9, 10, 17, 28, 32-33, 39-40, 50-51), HGEsch (12), Monique Lai (36), Jan Lehmann (15), Sebastian Mayer (13, 35), Thomas Mayer (12), Vincent Muracciole (U1, 11, 37), Lukas Palik (U4, 14-15, 30, 42, 44, 49, 54-59, 60-61, 63, 65), Thomas Pflaum (11, 46-48, 53), Jeff Pinette (64-65, 68), Alexander Ring (U2), Hendrik Schipper (10-11, 65), Steffen Schulte-Lippert (12, 14-15, 42-43, 52-53, 60-61, 69), Frank Wiegand (65), Leon Zöllner (43, 48)

Light is essential. Light is poetic. Light creates atmosphere and provides orientation. People have always used light as a design tool to create spaces where they feel at ease. ERCO understands light as the fourth dimension of architecture. That means giving light its own design role: it shapes spaces and objects through different brightness levels and decisively defines the night-time appearance of architecture.

Light is our passion and our expertise. At ERCO, lighting excellence comes from a unique blend of technological precision, craftsmanship and trust in the people who make it possible. Our employees combine decades of experience with an innovative spirit and a love of detail. The result is lighting tools that enable architecture worldwide to be experienced at its very best.

ERCO stands for quality, independence and flexibility, thanks to manufacturing in Germany and exceptional vertical integration, from development and electronics through to assembly. Every luminaire unites the know-how of many specialists and a deep understanding of technology and materials, enabling our technology leadership and pioneering lighting solutions. As a globally active company, we offer not only outstanding products but also comprehensive services, including tailored lighting design, technical consultancy and international project support, backed by experienced lighting consultants in more than 60 countries.



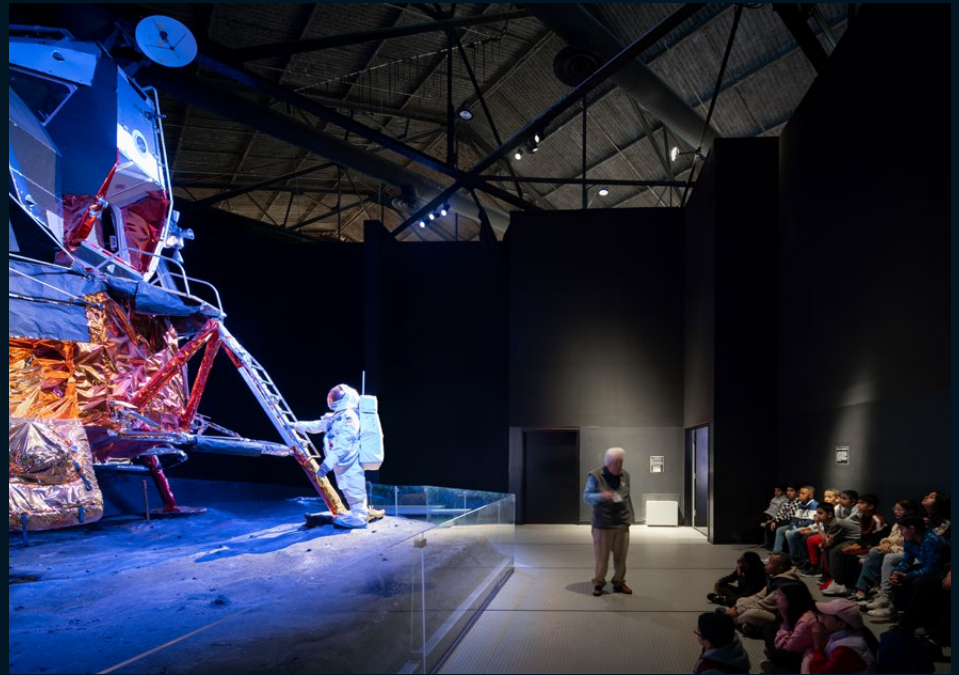
Light is the fourth dimension of architecture



**Chapel of Sound,
Chengde, China.**
Lighting design:
Ning Field Lighting
Photography: 2021
Jonathan Leijonhufvud



**Villa Foresta Hotel,
Stockholm, Sweden.**
Lighting design:
Stockholm El-design AB
Photography: Johan Elm



**Cradle of Aviation
Museum, New
York, USA.**
Lighting design: Reed
Burkett Lighting
Design, St. Louis, MO
Photography: Studio
SZ / Justin Szeremeta

**Mona - Museum of
Old and New Art,
Tasmania, Australia.**
Lighting design:
MEGS Lighting
Photography: Jackie Chan
Artwork: Tom Otterness,
Girls Rule (2016-2018)





Sydney Metro –
Martin Place,
Sydney, Australia.
Lighting design:
Electrolight
Photography: Jackie
Chan, image courtesy
of Jadedcross
© wall sculpture –
heritage art piece
(1962) Four Continents
by Douglas Annand
© sculpture – Shelter of
Hollows by Mikala Dwyer

LED relighting of
Carrasco International
Airport, Uruguay.
Lighting design:
Estudio Hofstadter-
Fregosi & Asociados
Photography:
Santiago Chaer



**Heartland of America
Park, Omaha, USA.**
Lighting design: Atelier Ten
Photography: Ryan Fischer



**Relighting Herz Jesu
Church, Munich,
Germany.**
Lighting design: George
Sexton / Michael Schmidt
Photography:
David Schreyer



ERCO projects



1 Spring Street / Shell House, Melbourne, Australia.
Architecture: Seidler Architects
Photography: Jackie Chan



Evedal swimming facilities, Växjö, Sweden.
Lighting design: Light Bureau
Photography: Johan Elm



Musée d'Art Moderne (MAM), Salle Dufy, Paris.
Photography: © DESIGN DE LUX/Vincent Muracciole 2024
Artwork: Stéphanie Daniel, Raoul Dufy, "La Fée Electricité", Musée d'Art Moderne de Paris



Korean National
Museum, Seoul,
South Korea.
Photography:
Raphael Olivier

De Kraking (Wereld-
have), Amsterdam,
Netherlands.
Lighting design: Casper
Schwarz Architects
Photography: Lukas Palik

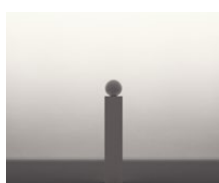
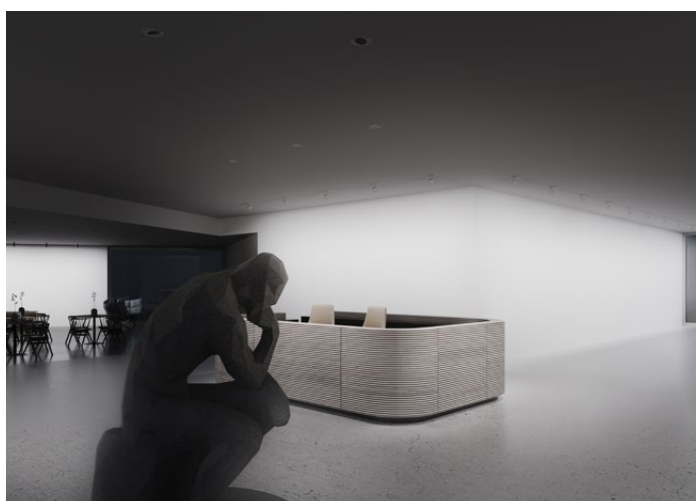
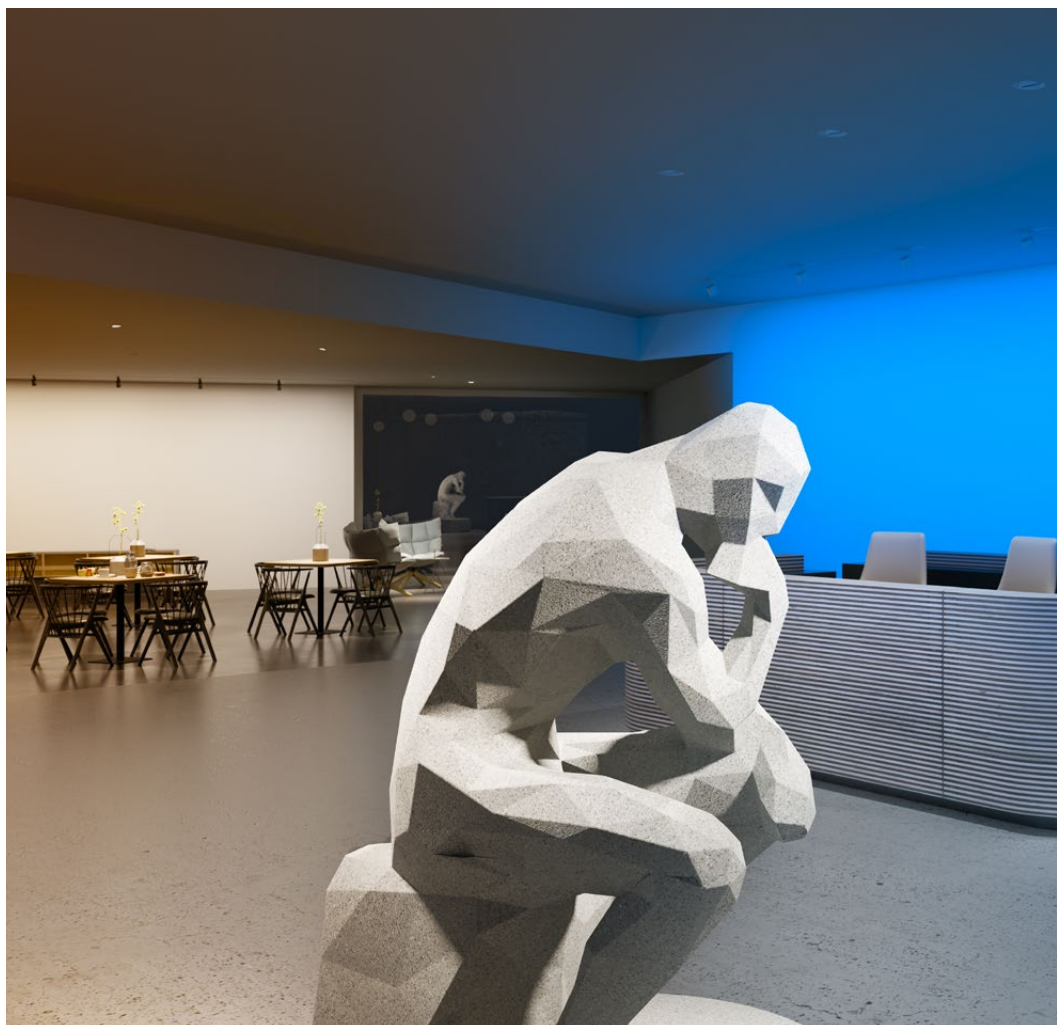


David Zwirner
612 Gallery, Los
Angeles, USA.
Lighting design:
L'Observatoire
International
Photography: Jackie Chan

The grammar of light

The ERCO formula for quality lighting design

ERCO lighting tools provide the design freedom required for complex building projects. Our product development is based on a perception-orientated approach to lighting design. US lighting designer Richard Kelly (1910–1977) divided light for quality lighting design into three categories: ambient luminescence, focal glow and play of brilliants. Using this "grammar of light", architecture can be illuminated in a user-focused way, from open-plan offices and boutiques to libraries. Experience shows that lighting concepts are perceived as particularly successful when all three components, ambient lighting, directed accent light and decorative light, are combined in a balanced ratio. The systematic structure of the ERCO product range, with different light distributions, warm white and neutral white light, various sizes and lumen packages, is ideally suited to implementing differentiated, user-focused lighting concepts.

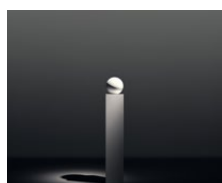
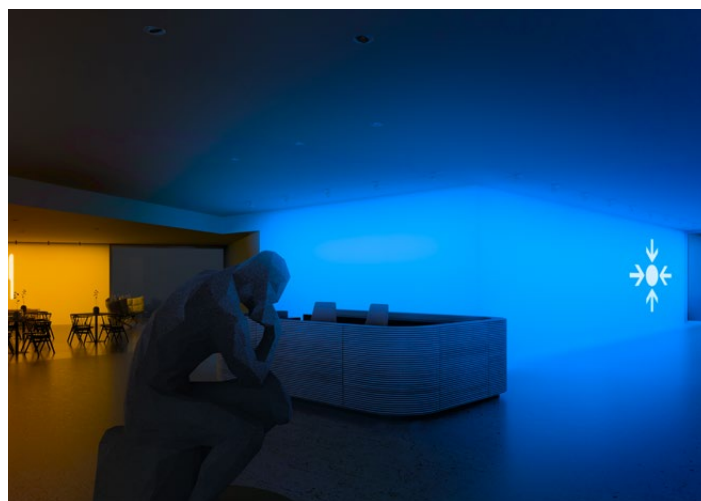
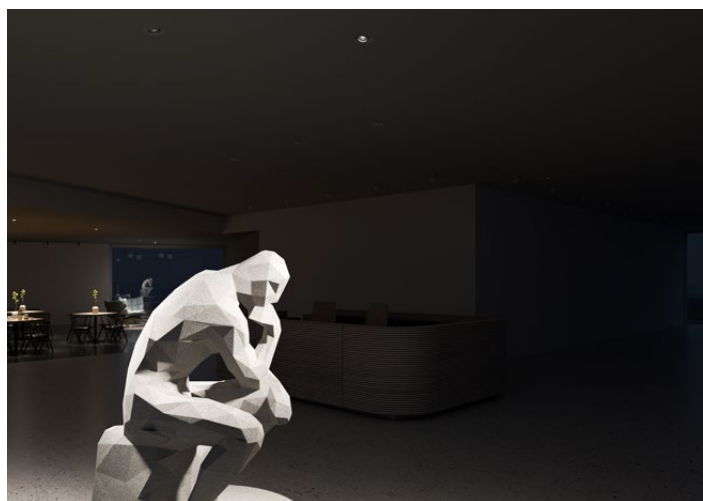


Ambient luminescence refers to simple ambient lighting. This type of lighting, for example via downlights or uniform vertical lighting, provides orientation and conveys a sense of safety.

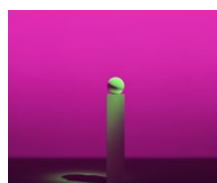


The sum of ambient luminescence, focal glow and play of brilliants

When all three components – ambient lighting, directed accent light and decorative light – are combined in a balanced ratio, lighting concepts are considered to be particularly successful.



Focal glow represents accent light that highlights objects, surfaces and spatial zones and creates hierarchies of perception. It is a key tool for directing the viewer's attention when illuminating art and fashion, façades and monuments.



Play of brilliants is decorative light, light to marvel at and an aesthetic end in itself. It includes coloured light effects, decorative luminaires and light art objects.

Efficient visual comfort

The five characteristics of high-quality lighting solutions

ERCO understands light as the fourth dimension of architecture. Our vision is to make a positive contribution to society through our actions and to make architecture tangible through light. To this end, we develop and manufacture lighting solutions that create a high-quality, authentic environment. Efficient Visual Comfort (EVC) is our strategy for seamlessly linking sustainable planning approaches with innovative product technology. To put this into practice, we have defined five quality characteristics.



The five quality characteristics for efficient visual comfort



1. Quality lighting design
Ambient lighting with effective glare control and accent lighting enable hierarchies of perception and support people in their tasks. Use light only where it is needed.



2. Vertical lighting
Vertical surfaces account for a large part of our perception due to our natural direction of view. They influence the perception of brightness far more than light on horizontal surfaces. This is why wallwashing is an essential component at ERCO.



3. Effective lighting technology
Precise optical systems direct light exactly onto the surfaces that need to be illuminated and that people require for perception. The projected light of LEDs in combination with high-quality lens systems is particularly efficient.



4. Intelligent controllability
ERCO offers luminaires for wireless and wired control technologies such as Casambi Bluetooth, DALI and phase dimming. Sensors and time-controlled lighting scenes help minimise energy consumption and adapt light to daylight patterns. Control light according to your personal preferences.



5. Efficient LED technology
High visual comfort is based on in-house optoelectronics expertise, from LED PCBs and electronics to thermal management. The specification of high-power LEDs to criteria such as colour rendering and colour consistency, luminous flux and thermal stability ensures maximum quality standards in terms of efficiency and light quality.

Focus on people

Light for spaces, activity and mood

Human Centric Lighting (HCL) describes a planning approach that places people and their needs at the centre of lighting design. It takes into account the visual, emotional and biological effects of light including non-visual effects alongside classic visual aspects such as supporting visual tasks and orientation.



People

Our light creates spaces for people: it guides and provides orientation, supports interaction and communication, and enables new ways of working together.



Architecture

Light is a dimension of architectural design: it traces forms and contours and supports spatial perception.

Our checklist for your planning

AAA

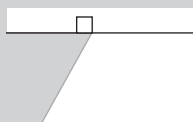
Think holistically

Lighting strategies should support architecture, activities and atmosphere.



Light, not luminaires

Develop solutions from the lighting effect in the room, not from individual luminaires.



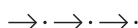
Vertical lighting

Focus on illuminating vertical surfaces before adding horizontal lighting to your concept.



Use daylight as a reference

The natural course of the day, with constantly changing brightness and colour temperatures, provides a sound orientation



Maintain sequences in the planning stage

Observe the sequence of lighting parameters for circadian lighting concepts: time, illuminance, spectrum and light distribution.



Adjust brightness

Brighter light during the day and dimmed light in the evening can support the internal clock.

2700K 6500K

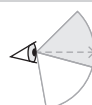
Vary the spectrum

Cooler colour temperatures during the day and warmer light colours in the evening can support circadian rhythm.



Consider the technology

HCL is more than selecting high-tech luminaires; it should be complemented with appropriate light-controlling components.



Prioritise visual comfort

Achieve high visual comfort through effective glare control. Avoid stray light and plan luminaire positions to prevent reflected glare.

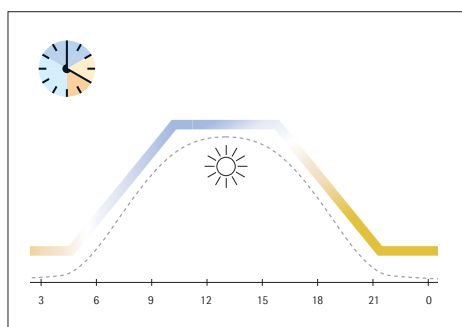


Most important:

People at the centre Circadian lighting systems must always be designed to suit the individual characteristics and requirements of the users!



Automatic and customised adjustments
Use sensors and timers to automatically adapt brightness levels to daylight patterns. This saves energy and creates lighting ambience appropriate to the time of day, with the option of individual adjustment.



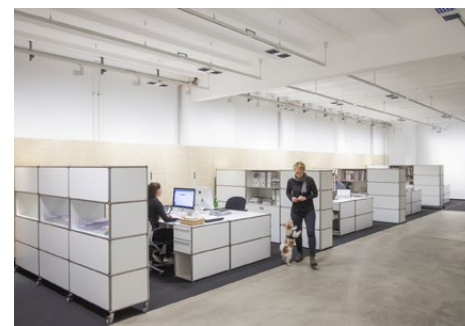
Activity and light

Brightness should ideally be adapted to different visual tasks. By varying brightness and colour temperature, you can support circadian rhythm, for example with brighter, cooler colour temperatures during the day and dimmed, warmer light colours in the evening.



Always matching the atmosphere

With tunable white and RGBW luminaires, light colour and mood can be controlled precisely, from dynamic daylight white to atmospheric accent colours. Light not only supports visual tasks, it also creates emotion and changes the character of a space.



Think holistically

High-quality lighting solutions combine horizontal general lighting and wallwashing in a perception-orientated concept. Wallwashing creates a spacious impression and forms a counterpart to the façade with incoming daylight. Zoned lighting at desks provides high visual comfort and contributes to an attractive workplace.

"ERCO's tunable white technology gives us the flexibility to adapt the auditorium lighting for any type of event. Whether it's a bright, crisp atmosphere for a presentation or a soft, ambient glow for a film screening, we can make the change in seconds."

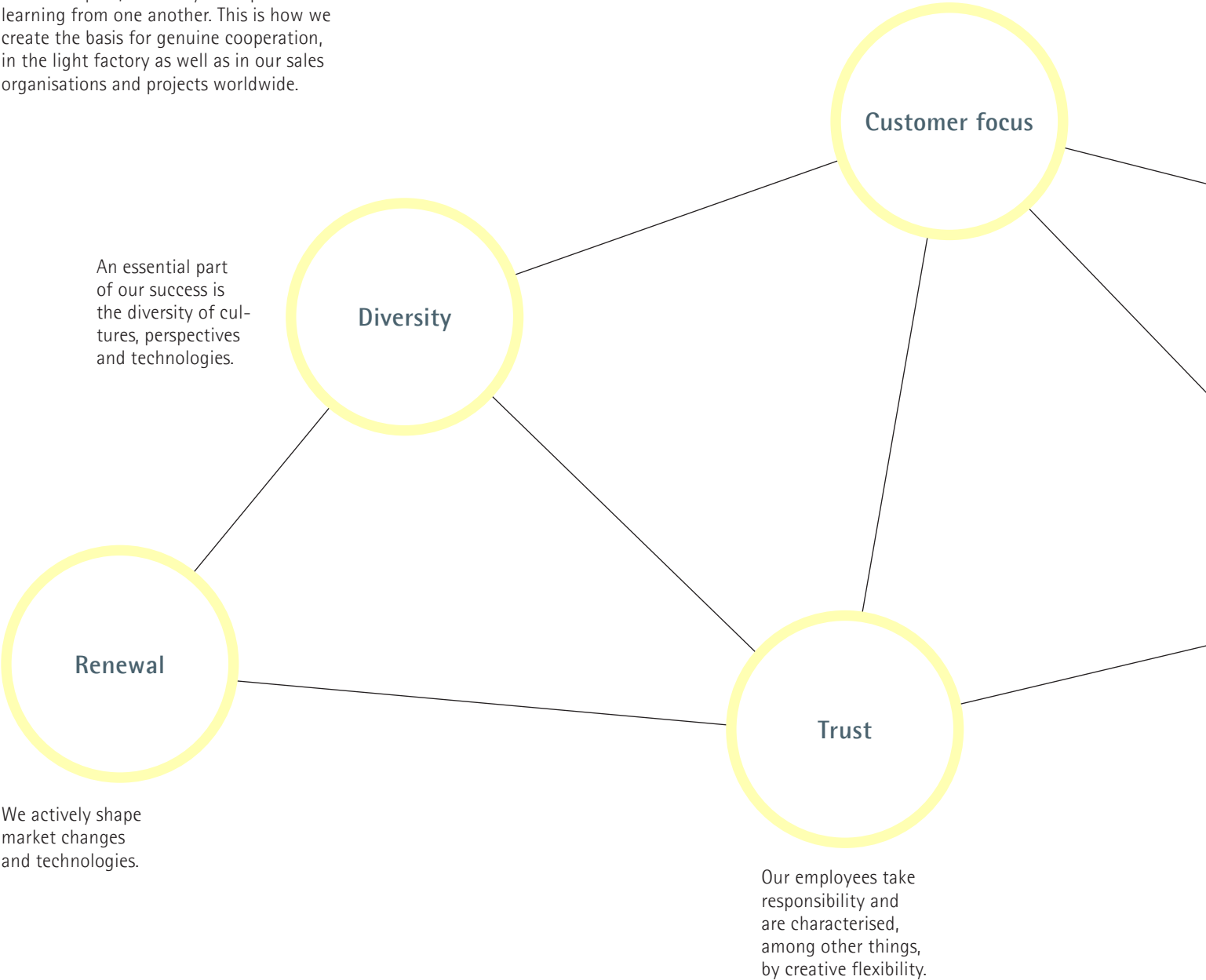
Kevin Brennan, Senior Mechanical and Electrical Manager
at National Maritime Museum, London

Social responsibility at ERCO

Shared values as the basis for everything we do

Diversity, inclusion and fairness shape our corporate culture across all levels and locations. As an internationally positioned company, we collaborate across borders and disciplines every day. What unites us is a shared set of values: mutual respect, reliability and openness to learning from one another. This is how we create the basis for genuine cooperation, in the light factory as well as in our sales organisations and projects worldwide.

Our thinking and actions are focused on finding the best solution for our customers.





**Excellence
(in light)**

Through our performance, we deliver excellence in products, consulting, processes and projects.

**Employee
engagement**

This requires a balanced commitment from the company and from employees.

Supporting young people on their journey is an integral part of our responsibility. At our light factory in Lüdenscheid, we offer solid training programmes in technical, design and commercial fields, with a focus on practical experience, teamwork and personal development. Many of our trainees stay with the company long term and actively help shape ERCO's future.



ERCO Greenology® for sustainable lighting

"ERCO Greenology" combines ecological responsibility with technological expertise and is our strategy for sustainable lighting.

90 years

Light for architecture and people for 90 years

Light is our contribution to improving society and architecture while also preserving our environment – and it has been for many decades.



ERCO individual

Standard products as the basis for customised solutions

Our standard products provide tailored lighting solutions thanks to modular design and extensive configuration options – without the need for custom manufacturing.

With ERCO individual, products can be adapted precisely to customer requirements, creating an ideal balance between standardisation and bespoke design.

www.erco.com/individual

Efficient visual comfort

The benchmark for design, visual comfort and efficiency

Efficient visual comfort is a key strategy for sustainable lighting design: high-quality lighting design, precise light control and glare-free optics create a visual environment that supports concentration, wellbeing and maximum visual comfort.



Light for work, culture, community and other application areas

ERCO lighting creates atmospheric and functional spaces for all areas of life. Whether focused work, cultural experiences or shared spaces – ERCO supports the desired spatial effect with precise lighting technology and architectural quality.

www.erco.com/projects

made by ERCO



280 ERCO lighting
consultants
worldwide



>1,000 lighting
enthusiasts in
the ERCO team



>3,500 projects
per year

Greenology®

Our strategy for sustainable lighting



Lux per watt

Precise optical systems direct light exactly onto the target surface – for maximum illuminance per watt used (lx/W). This is how sustainable lighting solutions are achieved.



Zero CO₂ by 2040

Our goal: By 2040, annual CO₂ reductions of 450 tonnes are intended to lead to overall carbon neutrality.



Circular economy

Durable, repairable lighting tools and resource-efficient production processes are central to the Greenology® strategy.



90% energy savings

By 2030, our entire product range will deliver energy savings of 90%.

Lighting Durability



Designed for a 20-year service life

A 20-year service life – made possible by robust construction, high-quality components and future-proof lighting technology for long-term investment security.



Zero maintenance for worry-free operation

ERCO luminaires are designed for dependable, worry-free operation. High-quality materials, passive cooling and long-life LED technology mean that maintenance is practically eliminated.



Long-life luminaires for sustainable lighting solutions

To protect our environment, we need to use resources responsibly and avoid waste. We do this by developing durable luminaires that meet our customers' needs over the long term. "Lighting Durability" expresses our development goal: all newly developed ERCO products are designed for a service life of at least 20 years².

20 years

20 years of service life¹

Developed, tested and built for long-term operation of 75,000 hours²: Durability has always been a defining feature of our luminaires. To ensure this remains the case, our ECO Design Standard specifies a service life of at least 20 years³ for all new developments.

¹ As part of the development process, ERCO analyses product use over 20 years in an average application environment appropriate to the respective luminaire category. The conditions for this are created through suitable material selection, insights from previous product generations, laboratory tests, endurance testing and certifications.

² The targeted service life of 20 years (approx. 75,000 operating hours) assumes product-appropriate standard use, compliance with state-of-the-art maintenance intervals and – per year of use – an operating time of approx. 10 hours per day over 365 days.

³ The statements "20 years of worry-free operation", "20 years of service life" and "Developed, tested and built for 20 years of service life" do not constitute a durability guarantee for our products over 20 years and do not exclude the possible need for repairs or service within this period. Actual service life depends on the specific operating conditions and the installation environment. Statutory warranty provisions remain unaffected.

⁴ Actual maintenance requirements depend on the specific operating conditions and the installation environment.

20 years of worry-free operation³

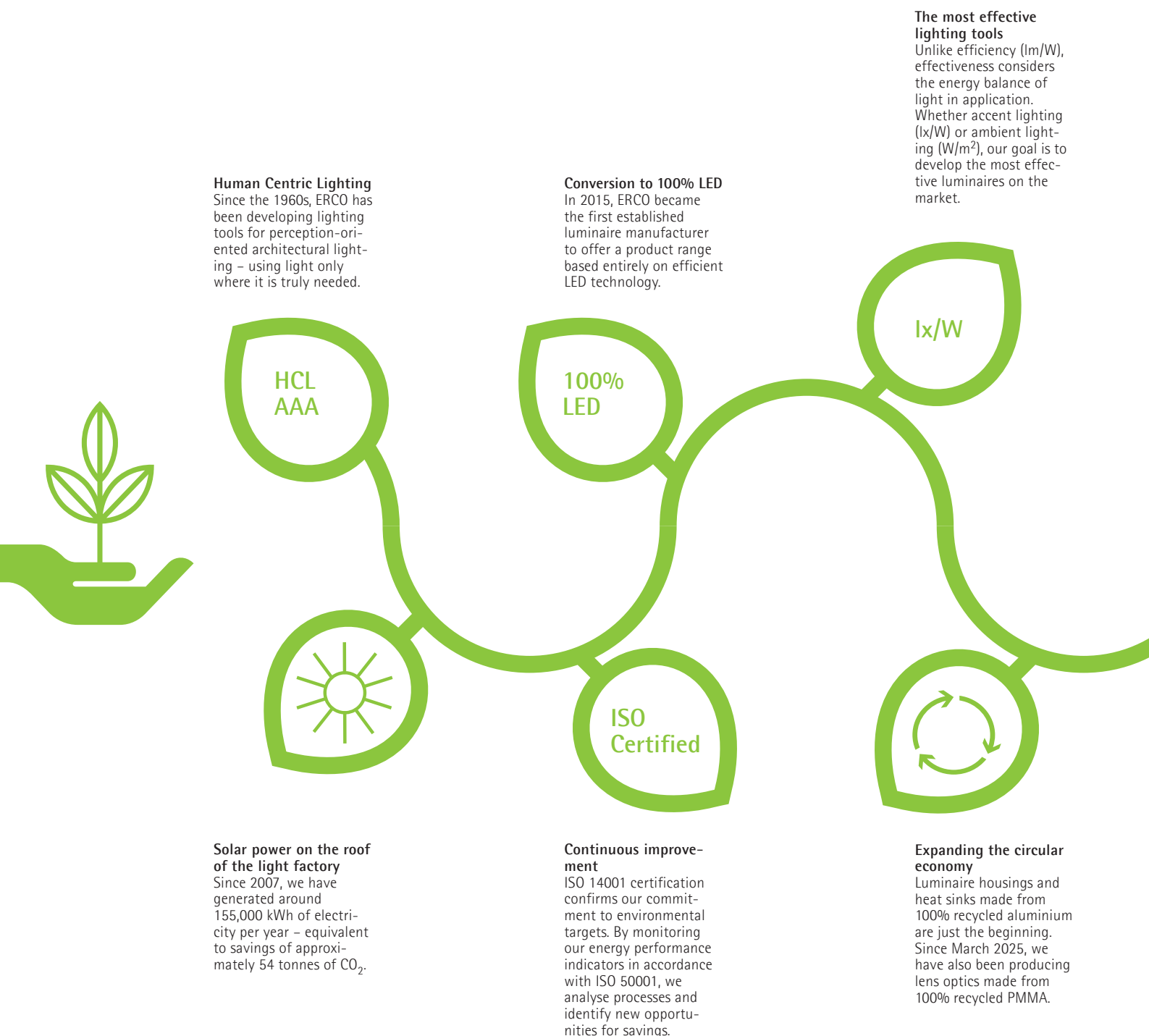
Designed to make maintenance a minor concern: our objective is to develop luminaires that can operate for 20 years with little or no maintenance⁴. That is why we continuously invest in advanced technology, long-life components and ERCO optoelectronics developed in-house.

Lighting Durability with maximum efficiency

An optimal ratio of illuminance to energy consumption (lx/W) not only delivers outstanding light quality, but also supports sustainable resource use. In this way, ERCO combines durability and cost-effectiveness with real added value for architectural lighting.

Find out more online at:

www.erco.com/durability



EcoVadis rated

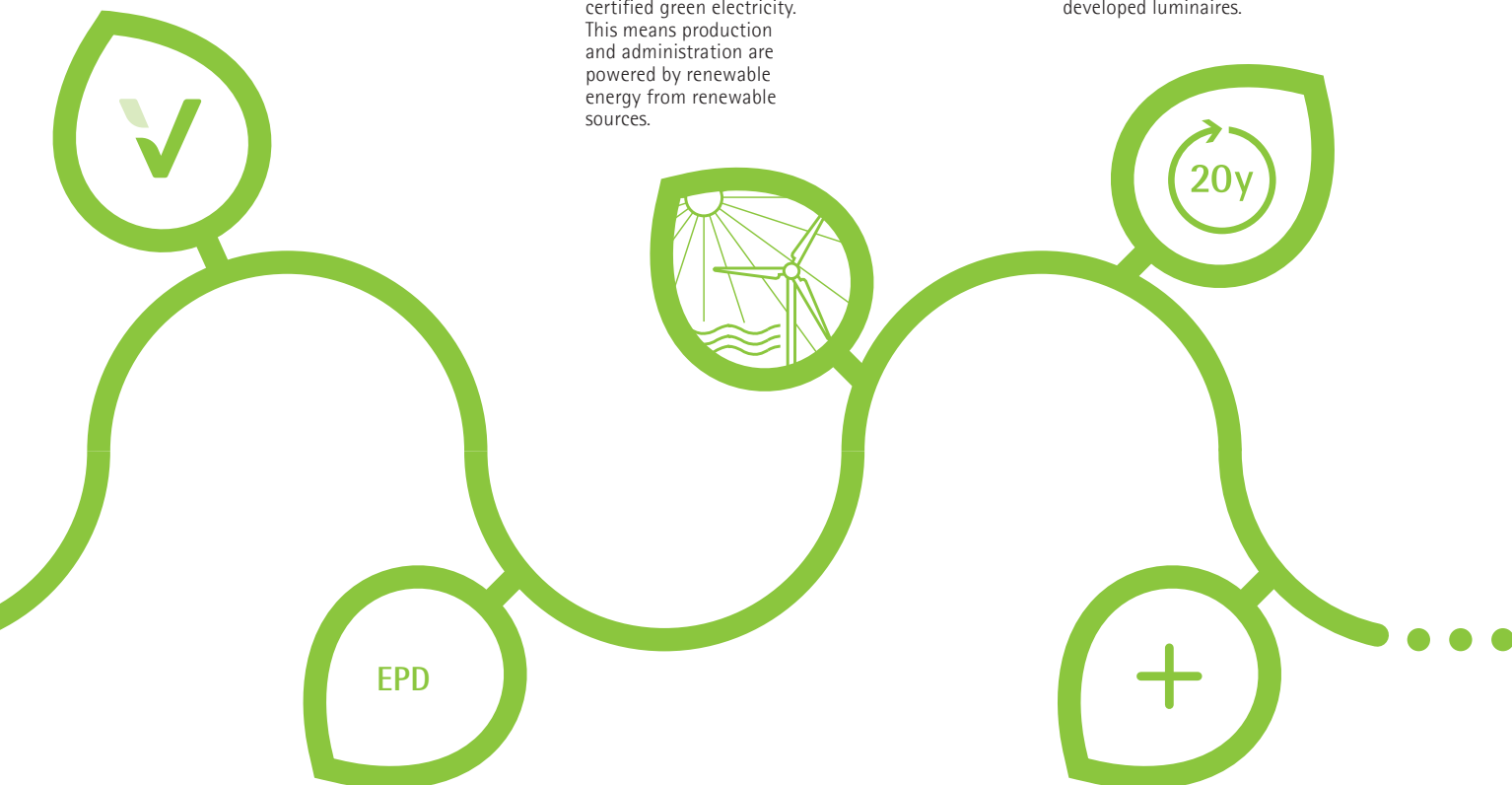
EcoVadis is a globally leading platform for assessing companies' sustainability performance. In the annual assessment, we consistently rank among the best of the more than 100,000 companies evaluated.

100% green electricity

Since 2022, we have used certified green electricity. This means production and administration are powered by renewable energy from renewable sources.

Lighting Durability

As of 2023, our ECO Design Standard specifies a minimum service life of 20 years* for all newly developed luminaires.



Environmental declaration for every luminaire

We provide transparent information on the life-cycle assessment of our products and offer a certified EPD for every luminaire.

Future-proof

To make updates and refurbishments straightforward, new spotlights, for example, fit into tracks that have been in use for years – and vice versa. We apply the same principle to recessed luminaires.

... and this year, we are taking another step towards our sustainability goals.

Find out more online at:

www.erco.com/greenology

* The service life of 20 years (= about 75,000 operating hours) targeted in the development approach presumes standard use of the product, compliance with state-of-the-art maintenance intervals and, for each year of use, a period of illumination of about 10 hours per day over 365 days.

At ERCO, sustainability is a carefully designed cycle: from development through manufacturing and use to renewal. Every step is geared towards longevity, quality and efficient use of resources – for lighting solutions that will continue to impress tomorrow.



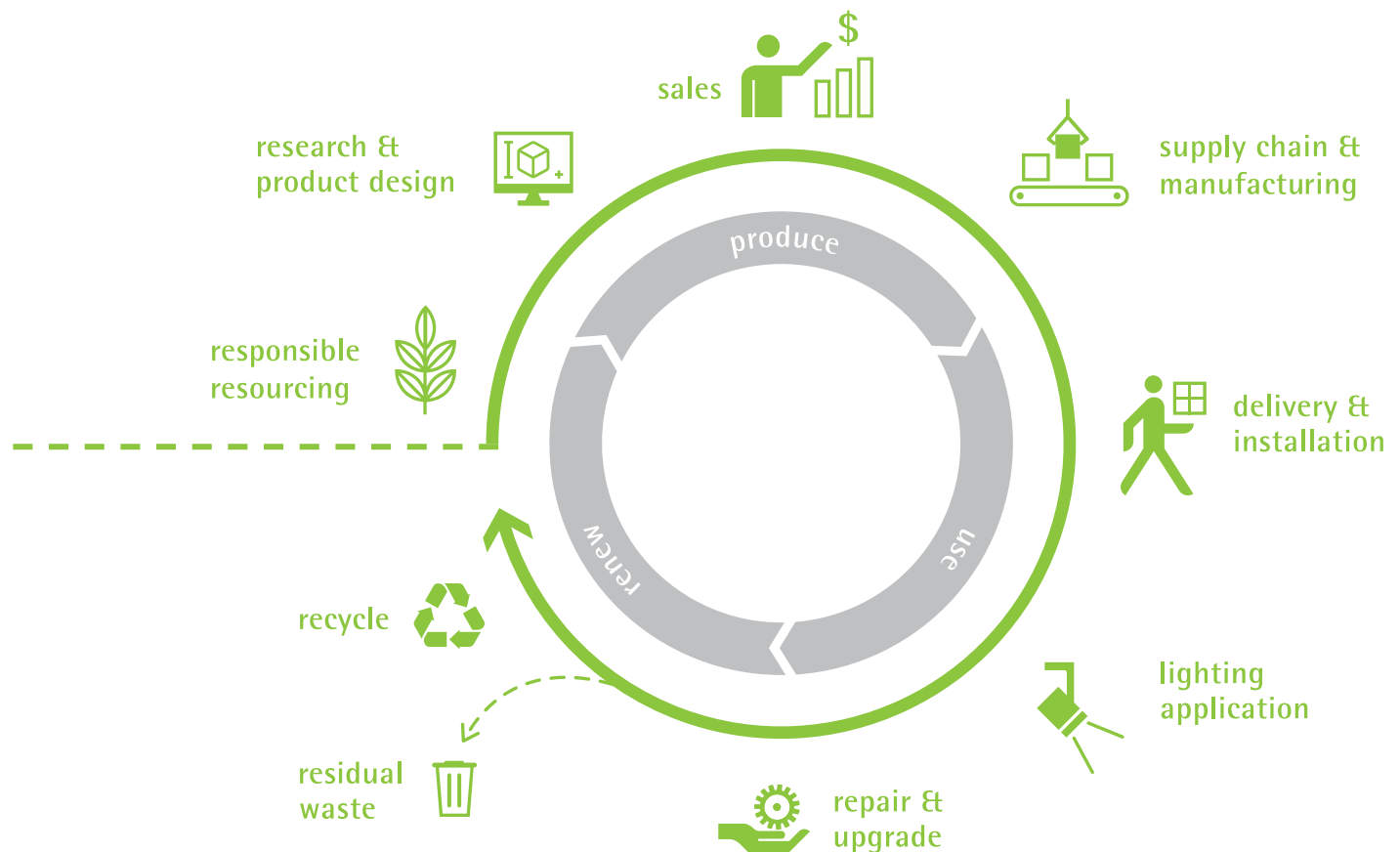
Responsible sourcing

- Partnership with responsible suppliers: We work closely with certified partners who comply with fair and sustainable production standards.
- Use of recycled materials: Wherever possible, we integrate recycled components into our products – without compromising on quality and design.
- Transparent material origin: We value traceable supply chains to safeguard environmental and social standards.



Research & product design

- Made in Germany: Development and manufacturing entirely at our Lüdenschheid site.
- High degree of vertical integration: In-house laboratories, assembly and electronics production ensure highest quality.
- Strict standards: Regular audits ensure compliance with ESG standards.





Sales

- Globally present, locally active:
Our own teams on all continents – for advice and service directly on site.
- Sustainable customer proximity:
Direct support with a minimal carbon footprint.
- Knowledge on site:
Sampling, workshops and training at the customer's premises.



Supply chain & manufacturing

- Avoidance instead of disposal:
Unused materials are recycled internally wherever possible – real waste prevention rather than mere disposal.
- Less waste every year:
Optimised processes continually reduce residual material volumes.



Delivery & installation

- Efficient assembly in manufacturing:
Tool-minimised mounting and one-handed operation for track.
- Customised packaging:
Project-specific delivery options – from consolidated packaging to transport trolleys.
- Damage prevention:
Robust packaging minimises returns – saving resources and CO₂.



Lighting application

- Light where it's needed:
Our lighting solutions respond to on-site requirements – not rigid grids.
- More impact, less energy:
Precise lighting technology allows wider luminaire spacing, saves material and reduces energy consumption over the long term.
- Brightness with a system:
Vertical lighting creates a sense of visual spaciousness and orientation – even with minimal energy input.



Repair & upgrade

- Repair instead of discard:
Many ERCO products can be repaired when needed – resource-efficient and sustainable.
- Upgrade possible at any time:
Controls or light distributions can be retrofitted if required.
- Modular by design:
System design enables technical upgrades and ensures long-term usability.



Residual waste & recycling

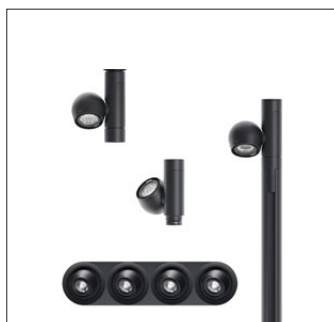
- Return and recycling with a system:
As part of certified take-back systems, we ensure used products are professionally recycled – including our own return processes in line with the circular economy.
- Sustainable packaging:
Our packaging is designed to be separated by material type and returned for recycling.
- Transparency instead of promises:
We use recycled materials – and make transparent where this is already possible today.

ERCO lighting tools

A broad technology portfolio for indoor and outdoor applications

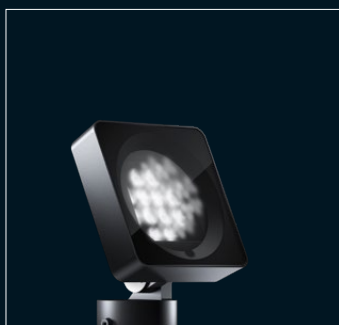
The ERCO indoor lighting range covers a wide spectrum of LED luminaires: spotlights, tracks and light structures, recessed and surface-mounted ceiling luminaires, and wall luminaires. What they all share is the guiding principle of efficient visual comfort. In addition, ERCO indoor luminaires feature outstanding light quality while continually setting new benchmarks for energy-efficient lighting.

Further information is available at:
www.erco.com/en/products/indoor



The ERCO outdoor lighting range provides excellent visual comfort with LED luminaires. ERCO outdoor luminaires also deliver the optimum – and therefore highly effective – lighting technology for a wide variety of outdoor applications, from facade and pathway lighting to the illumination of bridges, sculptures and railway stations.

Further information is available at:
www.erco.com/en/products/outdoor

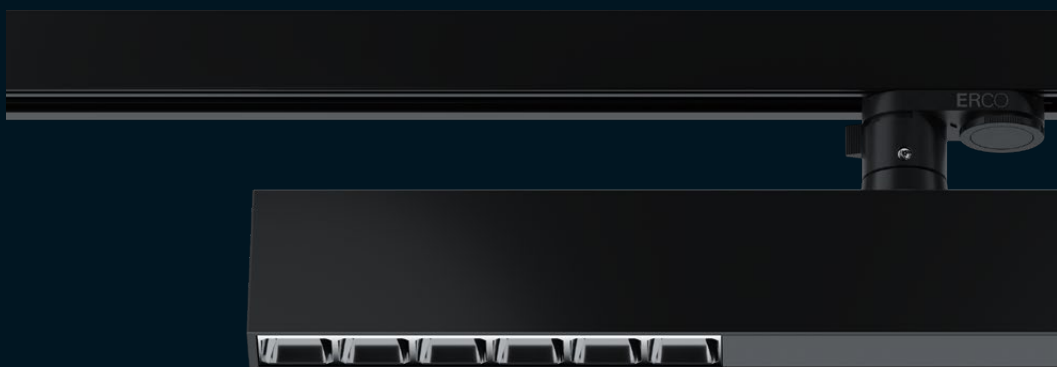


ERCO New Products 2026

The ERCO product range is based entirely on LED technology. We develop our lighting tools in close dialogue with architects, lighting designers and electrical planners. Intensive exchange with the industry gives ERCO a clear, realistic yet visionary view of what designers need. Creative thinking inspires us and we want to share this inspiration. We see ourselves as lighting consultants in the background, supporting designers in implementing their concepts with targeted solutions.

Technical standards continue to evolve. Applications are becoming more flexible and sustainability more important. That is why we not only create new products – we also consistently develop existing lighting tools further. The close connection between development and production at our site makes it possible: short distances, fast adjustments and the highest quality.

You can find these and other new products here:
www.erco.com/en/products/new-products



New: Compar linear as a track-mounted downlight

Slim profile, powerful light: Compar linear for track provides standard-compliant lighting with $UGR < 19$ – ideal for flexible offices.

pp. 28/29



Supplement: Quintessence as a downlight wallwasher

The new light distribution combines downlight and wallwashing – for uniform vertical lighting and a clear spatial effect with just one luminaire type.

pp. 32/33



New: Pollux New as a contour spotlight

Now also for sharply defined lighting design: With framing attachments, the beam distribution can be precisely adjusted to picture or object formats – ideal for museums and galleries. The compact design is retained.

pp. 34/35



Supplement: Skim size 3 with performance update

Now with over 140 lm/W – for more light on the target surface with reduced energy consumption. Design and lighting quality remain unchanged. Ideal for sustainable ambient lighting in offices and education.

pp. 36/37

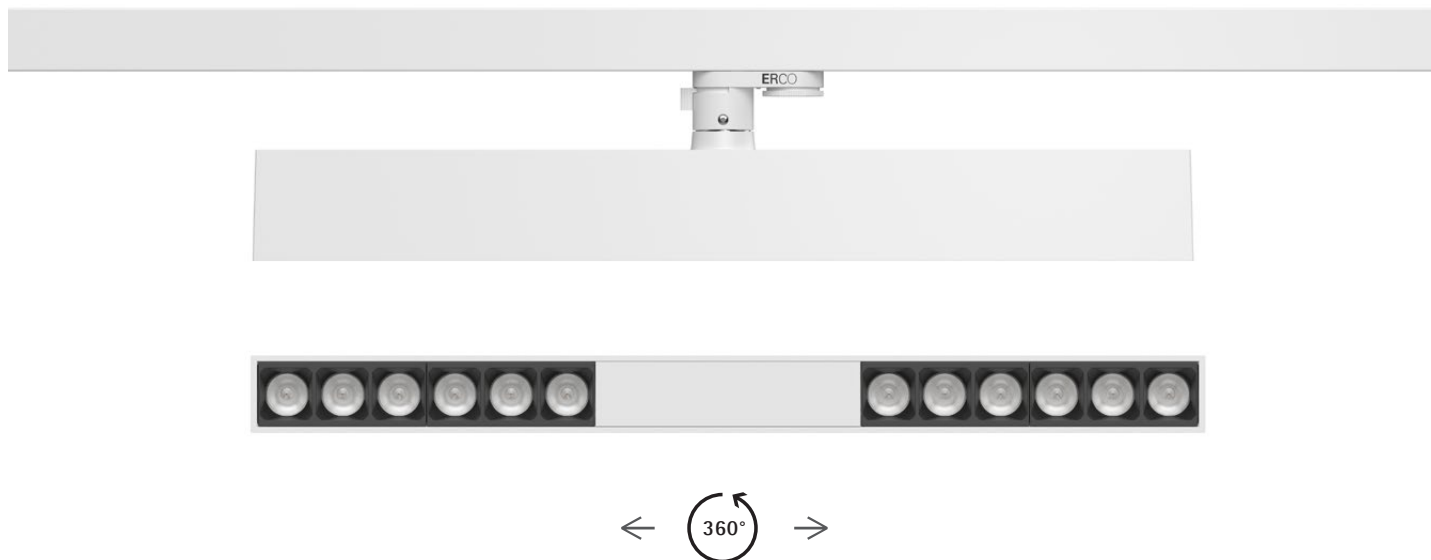


Supplement: Axis – Magical lighting effect, now even more powerful

Now with over 70% more light – in the same size. For powerful accents up to 170 lx at a distance of 3m. Ideal for limited installation space.

pp. 38-41





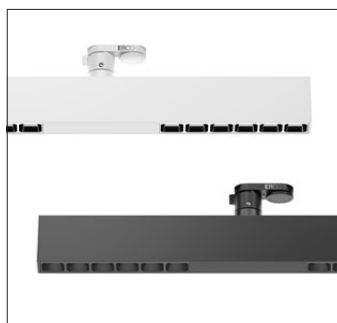
Compar linear for track

Lots of output from a slim profile – for flexible light in the office

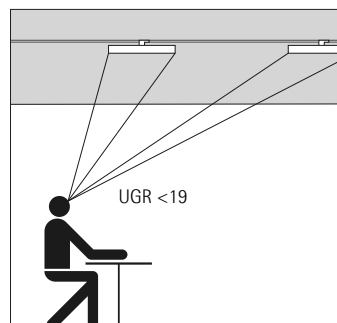
Precise light, flexible in use

Compar linear for track combines lighting quality and efficiency with the flexibility of a track system – ideal for offices with changing requirements. Various light distributions and UGR<19 enable standards-compliant lighting and high design quality. The perfect complement to Compar recessed luminaires – with control options such as DALI or Casambi Bluetooth.

www.ercos.com/compar-linear-t



Save energy without compromising on design
Compar linear track-mounted downlights not only provide energy-efficient office lighting, but are also characterised by their high-quality design.



Standards-compliant light for offices with UGR<19
Wide light distributions provide standards-compliant light for working (UGR<19). Design light that promotes well-being and productive work.

up to
163lm/W

Particularly efficient
For efficient and flexible ambient lighting: With high efficiency of up to 163lm/W, you meet state-of-the-art sustainability standards.

Light distributions



Spot



Flood



Wide flood



Extra wide flood



Oval flood



Oval wide flood



Compar linear recessed luminaire

High performer for linear aesthetics

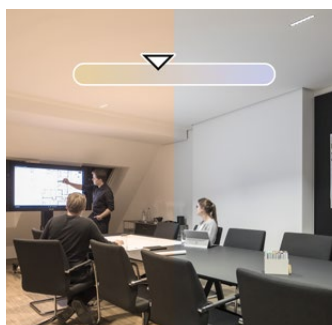
More than a downlight: for maximum design freedom

Recessed downlights with a concise, linear housing shape – available from widths of 52 mm – set accents in the ceiling design and simultaneously function as highly efficient lighting tools with high visual comfort. The wide spectrum of light distributions for nuanced general and office lighting convinces in areas with high design requirements. Compar is an attractive alternative to lighting with conventional linear luminaires. With Compar, ceiling-integrated lighting concepts can be realised in restaurants as well as administrative, cultural and office buildings.

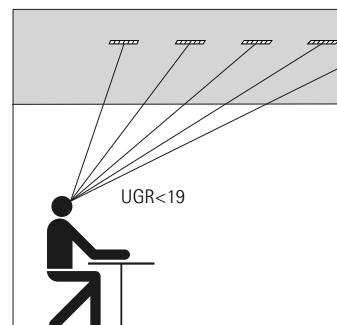
www.erco.com/compar-linear

up to
156lm/W

Particularly efficient: up to 156lm/W
Reduce energy consumption, increase efficiency: Compar is the ideal solution for linear lighting concepts in offices, educational establishments and public buildings with special design requirements.



Tunable white technology for Human Centric Lighting
Compar linear is now also available with Tunable White. Imitate the natural course of the day by simply setting the colour temperature as a light scene in the Casambi app on your smartphone and get the right light for every occasion.



Suitable for office workstations
Compar linear recessed luminaire impresses with great glare control and high visual comfort: the anti-glare louvre limits the view into the luminaire, achieving high visual comfort even with a beam angle of 90° – ideal for office workstations.

Light distributions



Spot



Flood



Wide flood



Extra wide flood



Oval flood



Oval wide flood



Wallwash



**New: Downlight
wallwashers**

Downlight and
wallwasher in one – this
means uniform vertical
lighting to support
a clear spatial effect,
visual comfort from
a formally perfect
luminaire layout and
efficient lighting
concepts with fewer
luminaire types.

**Sufficient light on
the walkways**

Optimised light
distribution for safe
walkways: Downlight
and wallwasher
combined – for uniform
vertical lighting and
safe orientation.



Quintessence downlight wallwasher

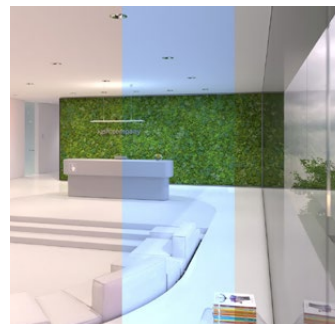
More than a downlight: for maximum design freedom

In Quintessence, the new Downlight wallwash light distribution combines downlight and wallwashing in a single lighting tool – for efficient ambient lighting and uniform vertical illumination. This creates a structured, bright room impression with reduced energy requirements. Tunable White enables dynamic adjustment of the light colour to daylight or an application – for more atmosphere and flexibility in lighting design.

www.erco.com/quintessence



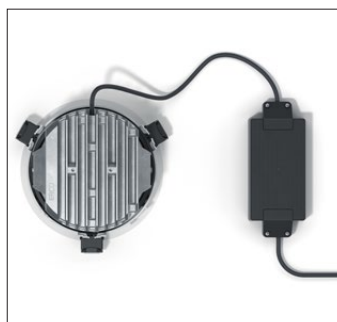
New: Downlight wallwashers
The new light distribution combines downlight and wallwashing for uniform vertical lighting with reduced planning effort – this means fewer luminaires for more spatial effect.



New: Dynamically adjust light colour with Tunable White
The dynamically controllable colour temperature enables adaptable lighting scenes – ideal for HCL concepts and atmospheric architectural lighting.

up to
147lm/W

Performance upgrade for more efficiency
The new generation of Quintessence downlights offers significantly more light on the target surface with the same energy consumption. This means that standard-compliant lighting and high lighting quality can now be realised even more efficiently.



ERCO control gear: the next generation for more performance and maximum durability
Reliability is their strength: Smoothly dimmable, DALI-2 certified, with read-out capability and precisely matched to each luminaire – for consistent colour quality and maximum service life.

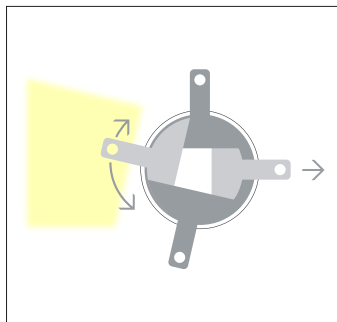


Pollux New

Because good framing should not be a question of budget

Rethinking products is part of our commitment to quality and durability. That is why we have optimised Pollux New in a targeted manner. This spotlight now also has the contour projection function – with the same size. Our in-house development and production of optics and electronics enables us to match all components optimally and to provide our customers with the latest technologies for the best results.

www.erco.com/pollux-new



New: Contour spotlights

Precise light limitation at an attractive price – ideal for high-contrast staging in museums, galleries and shops.



Small luminaire dimensions

The smallest size of the Pollux New family has a diameter of only 66mm. It is discreet and places the focus on the light itself. Compact luminaire dimensions are particularly advantageous in small rooms.



Sustainability thanks to re-engineering

A technical update allows the housing to continue to be used – for efficient use of resources and sustainable lighting tools.







Skim size 3

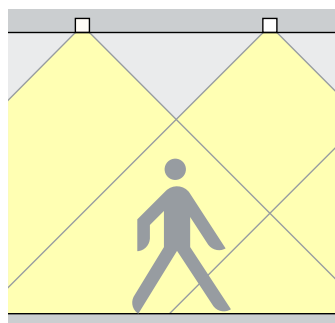
Proven design. New efficiency.

Skim in size 3 has been technically revised: At more than 140 lm/W, it is now even more energy efficient – with the usual high level of visual comfort. Form, design and lighting quality are retained. Targeted miniaturisation reduces the amount of material used – a plus for the environment and your carbon footprint.

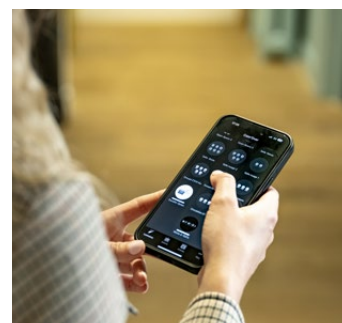
www.erco.com/skim
www.erco.com/skim-s



Efficiency boost for ambient lighting
 Now with over 140 lm/W for sustainable lighting solutions with high efficiency, effectiveness and minimal consumption of energy and resources.



Safe routes, clear orientation
 Skim size 3 creates safety and comfort with precise LED optics, guides the eye and sets targeted accents – perfect for modern circulation and access zones.



Flexible control
 Compatible with DALI or Casambi Bluetooth for easy integration into modern control systems.

Light distributions



Wide flood



Extra wide flood



Oval flood

Axis showcase spotlights

New mounting options for the showcase

No more compromises when lighting showcases, dioramas or small, delicate exhibits: Axis expands its system of miniaturised recessed luminaires and light heads for mounting on stems with additional mounting options that seamlessly connect to ERCO's trusted museum lighting solutions. Sophisticated lighting technology not only ensures exact colour matching with its "big brothers", but also a comparable level of flexibility – in very tight installation situations.

www.erco.com/axis

New

New

New

Semi-recessed luminaire

For particularly elegant and minimalist applications, use Axis in the semi-recessed version. Optionally in a 1-panel, 2-panel or 4-panel installation housing.

Surface-mounted luminaire

The screw-on surface-mounted luminaire is suitable for different surfaces.

New: Surface-mounted luminaire, magnetic

The surface-mounted luminaire in its magnetic version enables flexible positioning on metal – optionally with cable routing to the side or with the cable to the rear.

New: Stem-mounted luminaire

If there is no space available below the base plate for the height-adjustable option, the stem-mounted luminaire is the right solution.

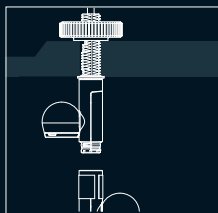
Stem-mounted luminaire, height-adjustable

To illuminate flexibly from different heights, luminaires on a height-adjustable stem are ideal.

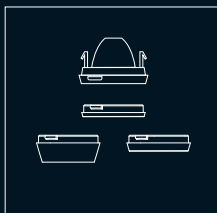
New: Extension as an accessory

The stem extension is suitable for higher positions of the light heads – in combination for surface mounting or stem mounting. This accessory is perfect for showcases with several levels or higher exhibits.

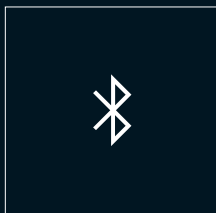
Characteristics of the Axis families



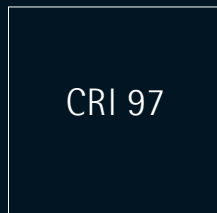
Rotating and swivelling
Light exactly where you need it. For this purpose, the luminaire heads can tilt up to 140° and rotate up to 360°.



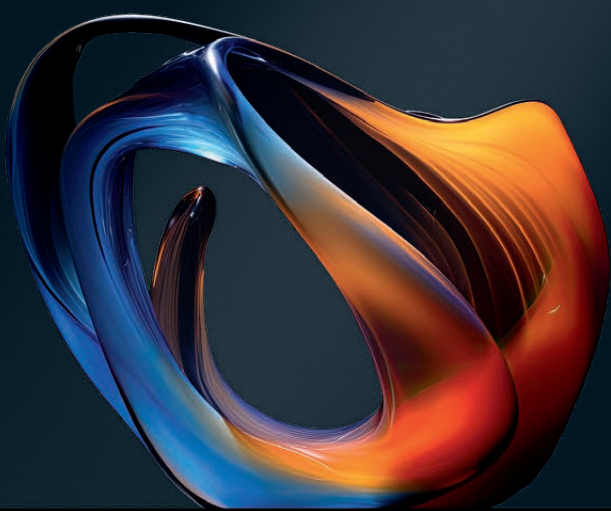
Clip-on filters and accessories
Filters as accessories allow for the precise adjustment of light to any application.



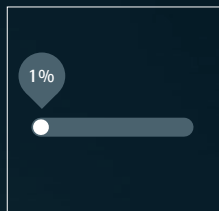
Digital control
No additional cabling or hardware needed: Control Axis luminaires flexibly via smartphone using Casambi Bluetooth, set up lighting scenes and dim easily.



The best colour rendering
To make colours look the way they are supposed to: The LEDs used for Axis are characterised by excellent colour rendering with up to CRI 97.

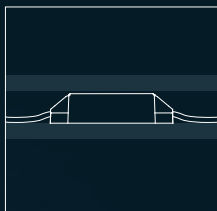


Characteristics of the Axis families



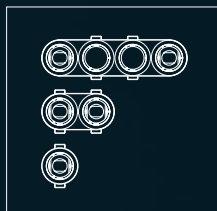
Infinitely dimmable to 1%

Axis allows for infinite illuminance adjustment: At a distance of 0.5m, a single light head reaches up to 450lx and may be dimmed continuously down to 5lx. Neutral density filters individually reduce the illuminance of individual light heads.



Suitable control gear units

For especially tight ceiling installations, compact control gear options with sizes of just 142mm x 50mm x 35mm (L/W/H) are available. This control gear is available for 1-2 or 3-7 light heads.



3 different mounting frames

Use Axis in 1-fold, 2-fold or 4-fold mounting frames (accessories).

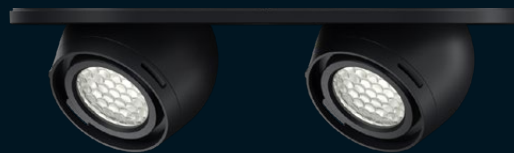


Axis recessed spotlights

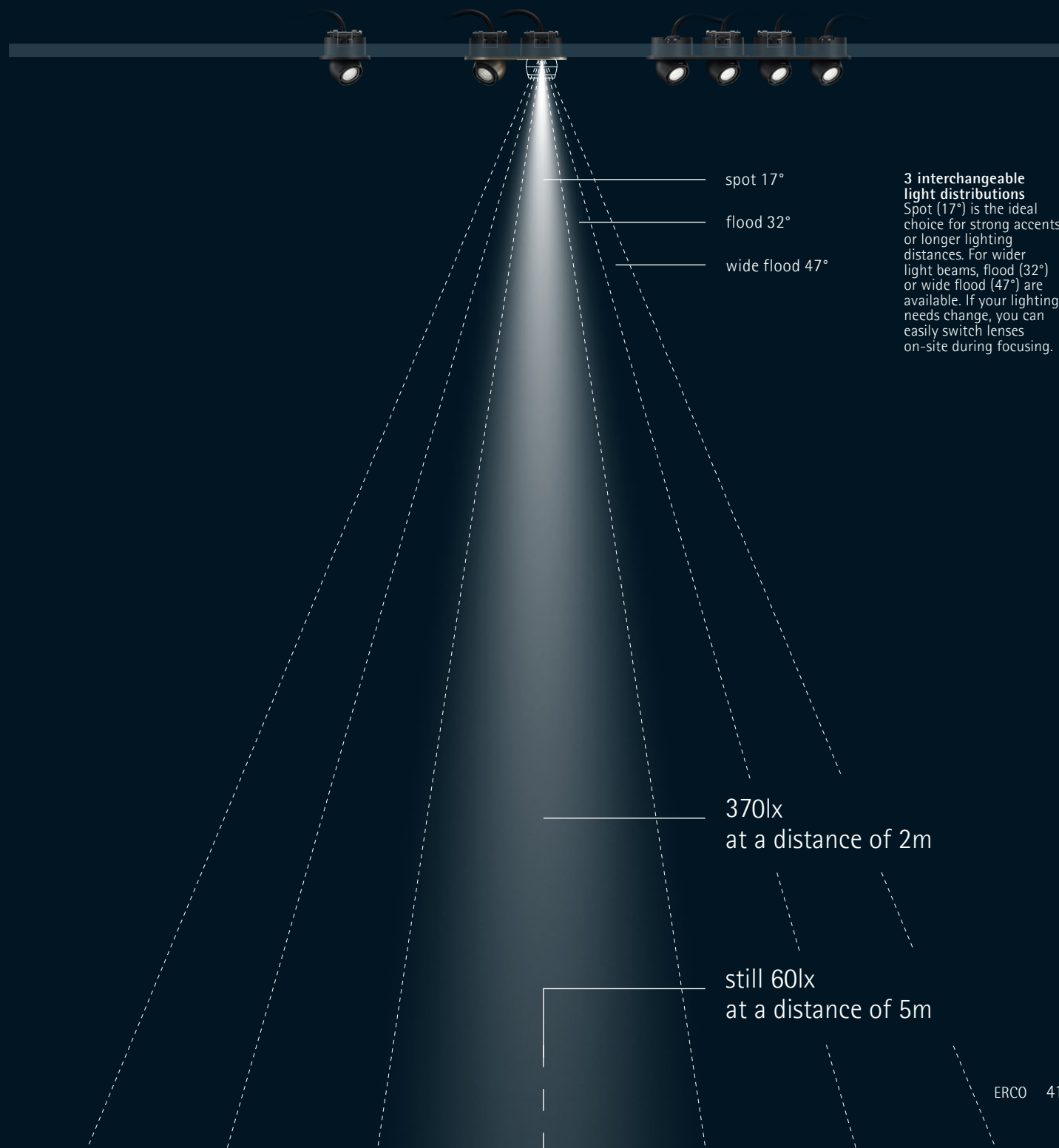
Power boost for recessed spotlights

Compared to the Axis showcase spotlights in the hand-accessible area, the recessed spotlights for the ceiling feature 70% more luminous flux. The miniaturised luminaire heads can be used to elegantly stage pictures on the wall or tables in bars or restaurants. Installation frames for one, two or four light heads enable scalable solutions for the desired lighting level.

www.erco.com/axis-r



New



3 interchangeable light distributions
Spot (17°) is the ideal choice for strong accents or longer lighting distances. For wider light beams, flood (32°) or wide flood (47°) are available. If your lighting needs change, you can easily switch lenses on-site during focusing.

370lx
at a distance of 2m

still 60lx
at a distance of 5m

Vertical integration

Materials & processes

We combine adaptability, innovative strength and planning precision to meet ever-changing market requirements.

We use state-of-the-art production technologies and first-class suppliers to ensure stable, sustainable processes.

This enables highly competitive costs, consistently high quality and reliable delivery performance.

Our supply chain is not only efficient, it is a strong competitive advantage and sets the benchmark for operational excellence in our industry and beyond.



Research



Development



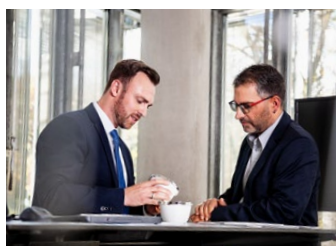
Validation and testing



Toolmaking and
plastics engineering

Everything from a single source

Technology leadership at ERCO is driven by end-to-end innovation: We develop, engineer and manufacture luminaires in Lüdenscheid to deliver maximum quality, precision and sustainable lighting solutions for architectural lighting.



Procurement and
supply chain



Product testing and
pilot series

Technology leadership

Innovative product development

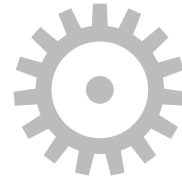
Innovation meets precision – ERCO's pioneering product development

Our product development combines precise optical technology with advanced LED technology and digital control systems. Continuous research and forward-looking materials enable solutions that deliver outstanding efficiency and sustainability while setting new benchmarks in architectural lighting. ERCO remains the reliable partner for lighting solutions making rooms intelligent and inspiring.



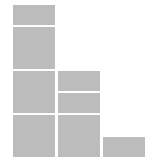
Foresight

Early identification of trends in lighting technology, smart lighting and design innovations, and consistent follow-through.



Organisation

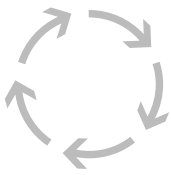
A value-driven organisation focused on energy efficiency, sustainability and standard-compliant lighting solutions.



Products

A broad portfolio for indoor and outdoor applications, with streamlined variant complexity for cost optimisation.





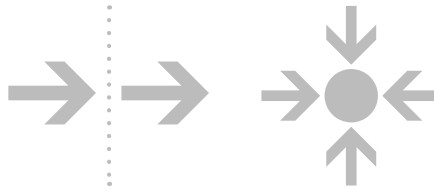
Product lifecycle management

Consideration of LED technology, control systems (such as DALI), material selection and recyclability across all development projects.



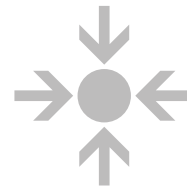
Communication

Efficient, regular alignment between design, engineering and sales, with transparent visibility of dependencies (e.g. supply chains, standards).



Processes

Optimising time-to-market for new luminaire ranges, including rapid adaptation to market requirements while safeguarding consistently high quality of light.



Project management

Efficient collaboration in interdisciplinary teams (design, electronics, mechanics, marketing) to realise lighting solutions on time.

Green by design

Sustainability at ERCO begins in product development:

- Durable construction
- Modular design
- CO₂-reduced material selection



"The research and development ERCO invests in fitting and lens technology translates into products that have very high efficacy and minimal glare."

JPW's Project Director, Parramatta Square, Sydney

Technology leadership

High-precision lens technology

High-precision lens technology: Alongside high-quality reflectors, ERCO uses customised optical lenses that direct light precisely and with minimal loss onto the intended target surface. This technology supports high efficiency, excellent visual comfort and precisely defined light distributions for demanding applications.



The strengths of our ERCO LED technology



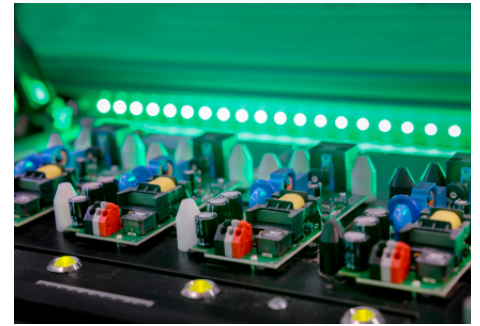
LED modules

ERCO sources top-tier LEDs from renowned manufacturers and specifies them according to stringent criteria for luminous efficacy, colour rendering, luminous flux and colour consistency. We develop and populate the LED boards in-house using the latest technology and with the utmost care, ensuring consistent quality and maximum precision in every lighting tool.



Long service life: L90/B10

ERCO lighting tools are designed for a long service life. High-power LEDs with the L90/B10 specification and optimised thermal management ensure that even after more than 100,000 operating hours, at least 90% of the LEDs still deliver over 90% of their original luminous flux. This keeps lighting quality at the highest level – for maintenance-free operation and long-term cost-effectiveness.



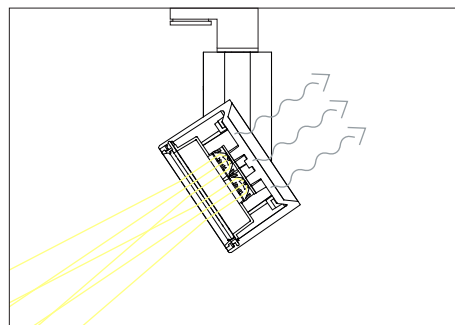
Control gear

Every ERCO luminaire is supplied as a ready-to-connect unit with precisely matched control gear, optimised for maximum quality of light and a long LED service life. Before delivery, every unit is tested at ERCO to ensure reliable operation and complete safety. Our in-house DALI control gear supports flicker-free dimming down to 1%, meets EMC requirements and is well suited to camera use.



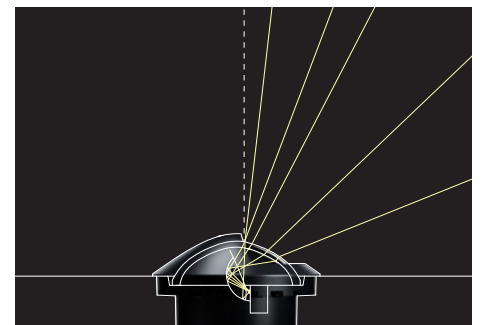
LED optics

Optical systems determine the quality of light. ERCO develops highly efficient lens solutions, from the modular Spherolit system and compact lens systems through to the Darklight lens for particularly glare-controlled light. With a wide range of precisely defined light distributions, we enable the implementation of nuanced lighting concepts for offices, museums and shops in both indoor and outdoor settings.



Thermal management

Effective thermal management is essential for LED longevity. ERCO relies on passive convection cooling, silent and energy-efficient, keeping LED modules within an optimal temperature range and stabilising luminous flux over the product life cycle. This saves maintenance costs and conserves resources.



Vertical lighting

ERCO optics for vertical lighting are characterised by excellent uniformity. The lighting technology also enables wide luminaire spacing for economical solutions and contributes to high visual comfort.

Technology leadership

Testing procedures and measurement methods that go beyond the standard

Tested to standards – standard practice for us

Every ERCO luminaire is designed to support architecture reliably for decades. To deliver on this, our products undergo comprehensive testing, from mechanical stress to electrical safety. But we go further: In addition to the internationally required standard tests, we also carry out voluntary testing for properties that are critical for your projects – such as colour stability, wireless range or noise development.



Mechanical strength: Suspension, clamp connections and housing design

Robust construction for long-term use: Every mechanical component is thoroughly tested for stable fixing and lasting function.



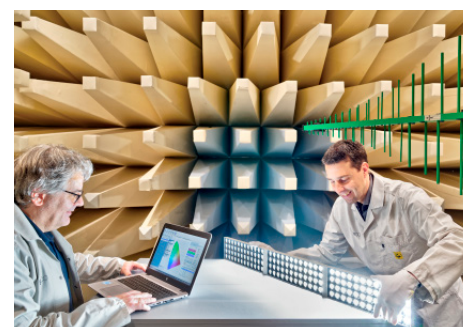
IP protection ratings: Dust- and water-resistant for every installation situation

Whether moisture, dust or outdoor use – with the appropriate IP ratings, ERCO products are reliably protected, indoors and outdoors.



Drop and impact resistance: for safe transport and installation

Our luminaires withstand impacts and vibrations – tested for drop resistance and impact load to help prevent, for example, transport damage and installation risks.



Electrical safety: tested for touch current, insulation, ESD protection and EMC

Safety across the board: Our products undergo comprehensive testing – from dielectric strength and ESD protection through to electromagnetic compatibility.

We test beyond the standards – for light that performs convincingly over the long term

What makes our lighting tools special? We also test where no standard exists – but where the highest quality is non-negotiable.

- **Oddy test**
Tested material compatibility – to protect exhibits in showcases with the highest conservation requirements.
- **Wireless range testing**
Secure connectivity – for wireless control with Casambi, DALI and more
- **Subjective light assessment**
Our experts also check every luminaire by eye – for light that performs convincingly in the space.
- **Spectrometry**
Colour fidelity at the highest level – for art, retail and detailed staging
- **Active temperature management**
Intelligent cooling – for consistently stable light output, even when heat builds up.
- **Sound level measurement**
Whisper-quiet luminaires – for noise-sensitive environments such as studios or museums.
- **Vibration testing**
Tested stability – for projects exposed to vibration, such as railway stations or bridges.
- **Photometry for catalogue data**
Precise light distribution – for transparent, predictable lighting concepts.



Oddy test with Axis showcase luminaires



The right lighting tool for every application

Interchangeable light distributions and accessories

ERCO's modular design provides maximum flexibility in lighting design. Clearly structured assemblies allow luminaires to be configured and adapted to requirements, from optical technology and control to mounting. This principle not only ensures a high degree of design freedom, but also sustainability: Individual components can be replaced or upgraded as needed without having to replace the entire luminaire. This supports a durable, future-proof system that perfectly combines architecture and light.



1

Change light distribution without tools

- 10 light distributions
- From accent lighting to wallwashing
- Contour and zoom spotlights available

2

Modify the light spectrum with filters

- Shift colour temperature using filters
- Modulate light distributions with lenses

3

Increase visual comfort with anti-glare accessories

- Barn doors and snoot for improved visual comfort





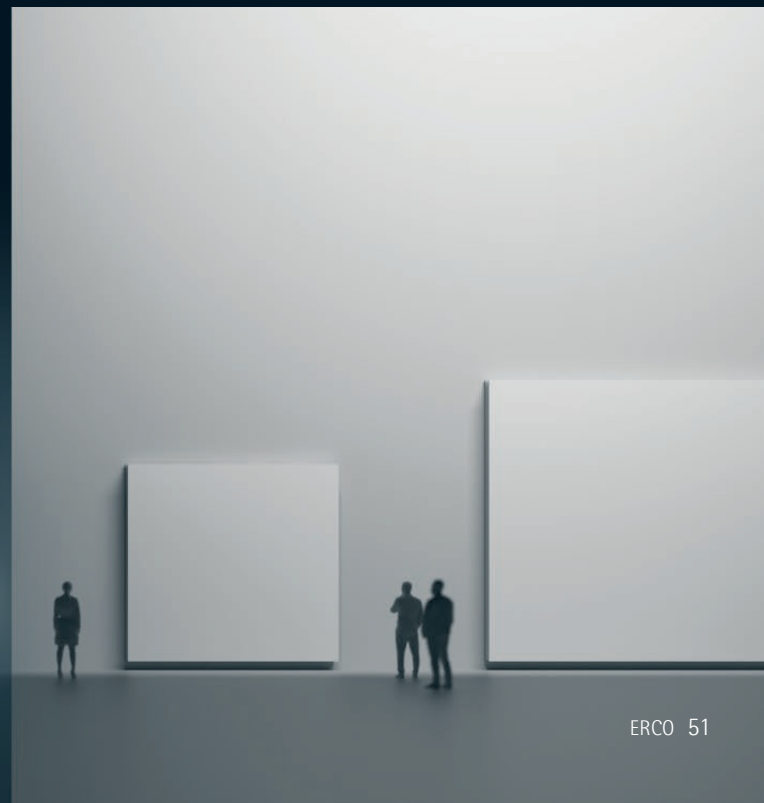
4

Control options to suit your application

- Wireless: Wireless control via Casambi Bluetooth (plus DALI via gateway)
- Multi Dim: one control method for DALI, Push Dim or phase dimming
- On-board Dim: adjust brightness additionally on the spotlight itself
- Switch control modes with the add-on control unit

"Light is a crucial element in the dramaturgy of any event. The quality of light and the control options of the new LED lighting give us a real competitive advantage."

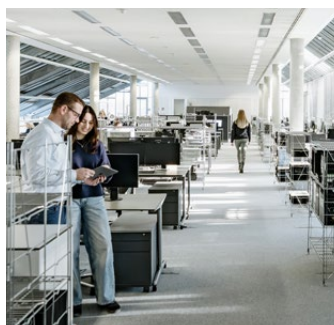
Oliver Stärz, General Manager of Ferry Porsche Congress Center, Zell am See



The Light Factory

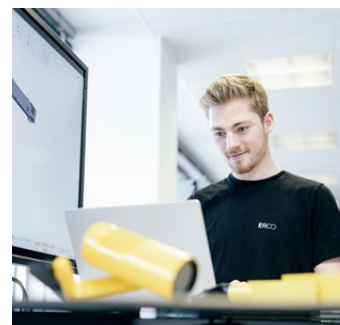
Quality products "made in Lüdenscheid"

From development through to dispatch, our luminaires are created through close integration of development and production, all under one roof. This allows close monitoring of every workflow and ensures the efficiency and precision of each individual production step. The result is durable lighting tools that specifiers and users can rely on.



1 Research & Development

This is where new solutions are created, alongside the continuous advancement of existing lighting tools. Around 80% of our developments are based on specific market requirements, while around 20% arise from technological curiosity and innovative drive.



2 individual

With ERCO individual, we offer extensive options for customising standard products and support you in developing sophisticated special luminaires for your project, turning your lighting concept into reality.



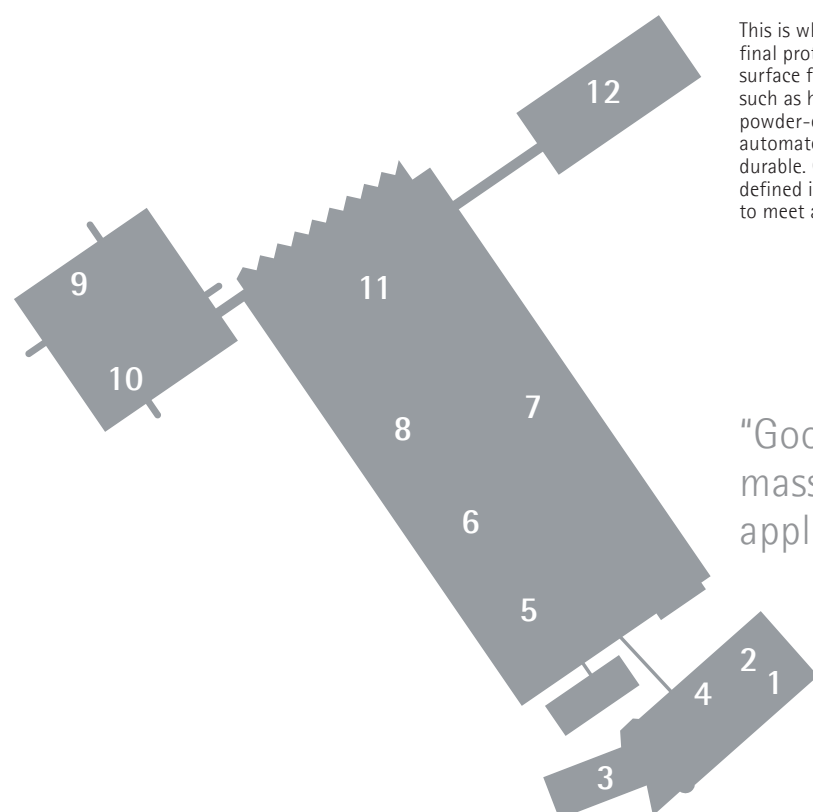
7 Surface coating

This is where components receive their final protection and their defined surface finish. Visible aluminium parts such as housings or heat sinks are powder-coated for this purpose – automated, solvent-free and highly durable. Colour and gloss level are defined in this process and adapted to meet architectural requirements.



8 Track production

Aluminium profiles are mechanically machined, fitted with conductors and assembled ready for installation. Precise cuts, drill holes, and electrical contacts are produced in automated processes. The result is precisely manufactured tracks for flexible lighting installations.



"Good lighting concepts don't require masses of light, but rather precisely applied, high-quality illumination."



3 Black laboratory

In the black laboratory, we carry out precise photometric measurements on luminaires. Using highly accurate measuring instruments, we record all relevant photometric parameters.



4 Toolmaking

In our in-house toolmaking department, injection moulds for aluminium and plastic parts are produced. This enables short development times, precise components and rapid adjustments in production.



5 Plastics production

In plastics production, lenses and housing components for ERCO lighting tools are manufactured by injection moulding. Any sprue material is not discarded, but kept entirely within our own loop. It is recycled locally and reused for new components, such as the Panlens lens made from 100% recycled plastic.



6 Metal processing

In metal processing, mechanical components for ERCO lighting tools are produced, precisely manufactured from aluminium profiles and castings. Sawing, milling, drilling and deburring are highly automated and closely coordinated with assembly. This precision is the basis for accuracy of fit, function and durability across all products.



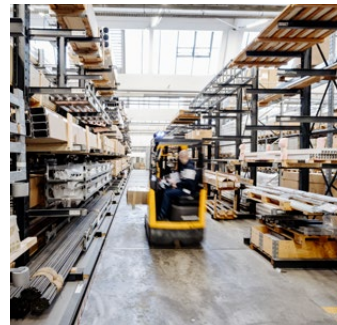
9 Electronics production

In the electronics department, LED modules and control gear units are manufactured. Through in-house development and production, ERCO ensures that all components work together optimally – for high efficiency and maximum service life.



10 Assembly

Components become a lighting tool. In assembly, all components are joined together to form the finished product. Quality and durability are the focus – each luminaire is tested individually.



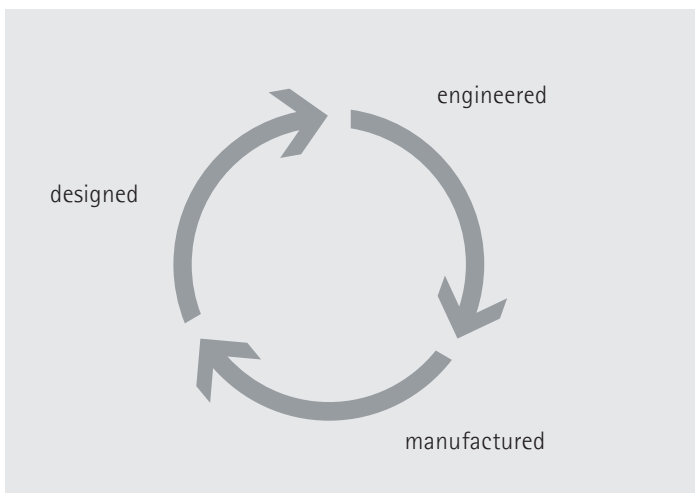
11 Shipping & Logistics

From our factory in Lüdenscheid, ERCO lighting tools are shipped to more than 60 countries. Packed in recyclable materials, our products are reliably delivered to where they are needed thanks to resource-saving logistics.



12 High-bay warehouse

In the high-bay warehouse, semi-finished and finished goods, as well as packaging materials, are stored in a space-saving way and moved fully automatically. Pallet stacker machines lift pallets to heights of up to 20 metres. This ensures efficient material supply for production and fast dispatch logistics.



All work steps under one roof
Behind "designed, engineered and manufactured by ERCO" are people who produce precise lighting tools with great passion and commitment.

We offer you the perfection we believe in at ERCO.

Quality as part of the ERCO DNA

Quality begins with responsibility

Lighting quality is not a coincidence. It is the result of precise planning and exact measurement. Our lighting technicians calculate photometric parameters, fine-tune systems and ensure consistent performance through laboratory measurements. This makes every lighting tool a reliable product with measurable excellence.

Intensive measurement support

We accompany every new optical development with precise measurements and optimise it until all requirements are fully met.

Goniophotometer – our central measuring instrument

The goniophotometer records and measures the luminous intensity of a light source at different beam angles and is essential for analysing and evaluating our products.

Direct lines of communication

Short coordination paths within the company ensure rapid feedback and efficient optimisation processes.





"Lighting designers expect data they can rely on. We are happy to meet that expectation."

Carsten Maday, Lighting Engineer

Quality as part of the ERCO DNA

Every little detail counts

Behind every ERCO lens is not only high-precision manufacturing technology, but also the trained eye and experience of our employees. They inspect every single component for optical purity, dimensional accuracy and flawless surfaces. Because only when every luminaire works precisely does the light that characterises ERCO emerge: glare-free, precisely controlled and unique in its quality.

100 % visual inspection and dimensional check

In final inspection, lenses are tested for optical clarity, dimensional accuracy and microscopic surface defects – for uncompromising quality.

Precise light control through high-precision injection moulding

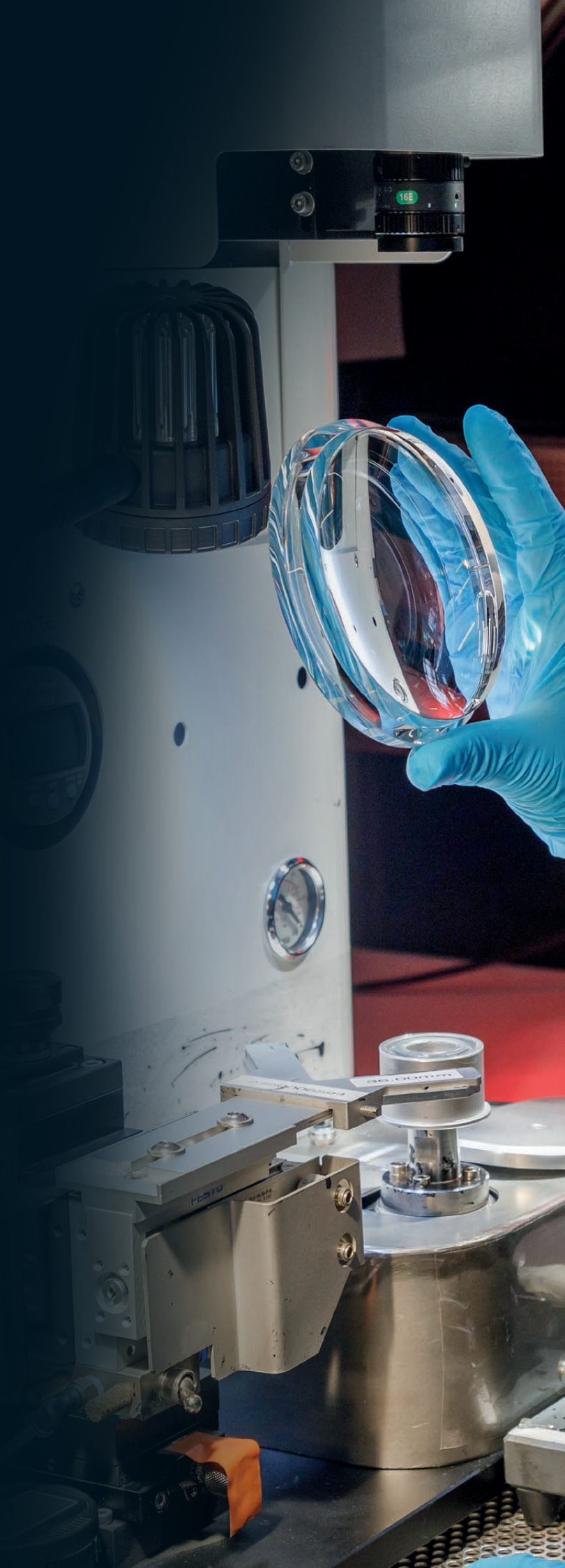
Darklight lenses are manufactured to exacting tolerances using high-precision injection moulding – for maximum efficiency, clearly defined light distributions and high visual comfort.

Durable materials for consistent performance

High-grade optical polymers ensure UV stability, thermal resilience and consistently clear light performance – in keeping with sustainable product quality.

"I'm responsible for the final inspection of Darklight lenses. They give our light a magical aura."

Hanife Yildirim, Production & Technology employee





Quality as part of the ERCO DNA

LED assembly and final production

We take responsibility for the heart of our luminaires: the LED modules. Thanks to our in-house assembly technology, stringent selection processes and skilled specialists, we ensure every module meets our high standards – creating the basis for durable, precise lighting tools.

Selective binning

Only LEDs with the tightest tolerances for chromaticity and luminous flux deliver uniform light quality – even over many years and when projects are extended.

Thermally stable performance

Optimised thermal management protects LEDs and electronics – ensuring consistently high light quality and L90/B10 for up to 100,000 operating hours.

Modular design without bonding

Individual components remain accessible – enabling targeted replacement, long-term use and a genuine circular economy.

"I make sure the latest LEDs are installed in every luminaire. Because we don't just manufacture to order – we also assemble our own LED modules."

Steven Kösling, Programmer / Process Technician





Quality as part of the ERCO DNA

ERCO Assembly – for luminaires at the highest level

In Assembly, all steps come together as a whole. Our employees apply technical expertise and a strong quality mindset to ensure every luminaire is manufactured with precision and thoroughly tested – for luminaires that work reliably and continue to inspire.

Reliable component assignment

LEDs and assemblies are systematically matched to the production order – preventing assembly errors from the outset.

Comprehensive test procedures

Every luminaire is visually and functionally tested – using standardised test systems, regular calibration and clearly defined test plans.

Quality through qualification

New employees receive thorough induction training. Regular training ensures up-to-date knowledge and a high level of quality awareness across the team.

"As the final hands on the product within the production chain, we carry responsibility – and we are committed to delivering an excellent premium product to the customer"

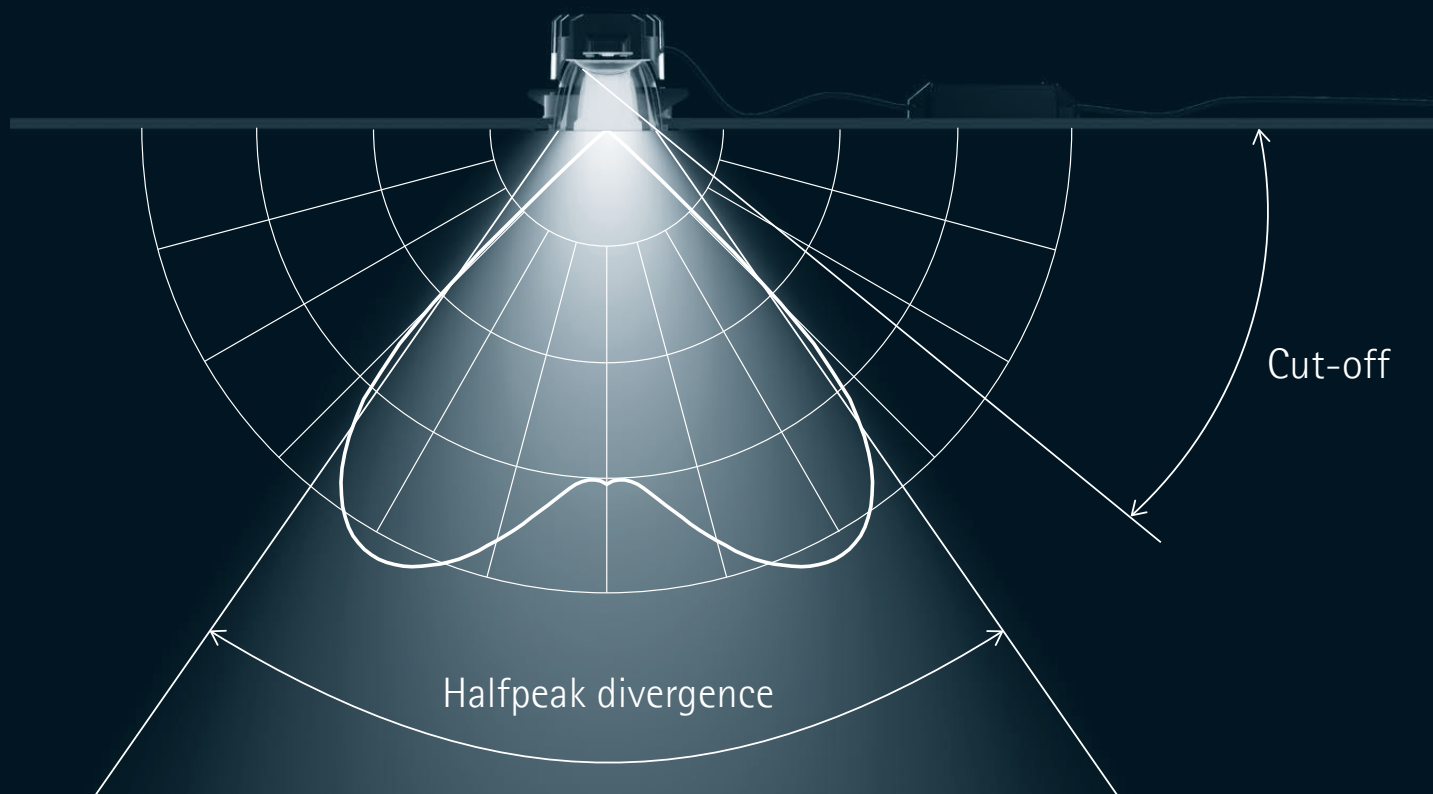
David Horzella, Team Leader Production & Technology





The most effective lighting tools on the market

Quality through in-house lighting technology



Visual comfort through precise glare control

Focus on luminaire and application

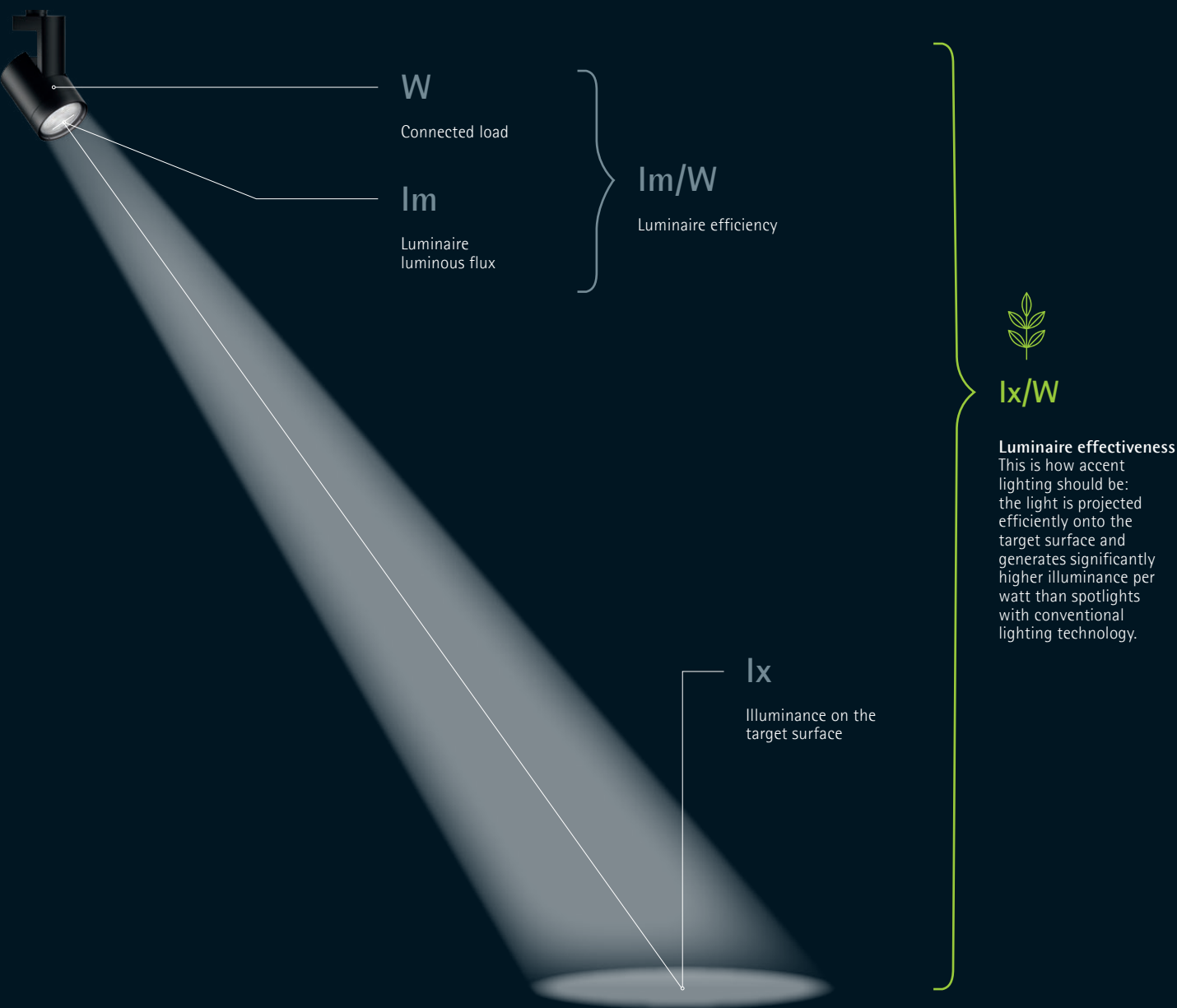
For efficient visual comfort, ERCO has not only developed highly efficient lighting technology for luminaires – we also test how effective the lighting solution is in its application and then refine the optics accordingly. When comparing luminaires, lm/W is often used as an indicator of how efficient the lighting technology is. For real-world application, however, what matters is how effectively the light reaches the target surface. That is why, for accent lighting, lx/W is far more meaningful than luminous efficacy. To provide a high level of planning reliability, ERCO supplies photometric data for every luminaire – so you can easily verify efficiency and effectiveness for each project.

"This allows us to use fewer fittings to achieve the desired architectural and lighting outcomes and ensure the comfort of occupants of the buildings, and do so in a sustainable and cost effective way."

Mathew Howard, Project Director, Parramatta Square Sydney

Sustainability through precision

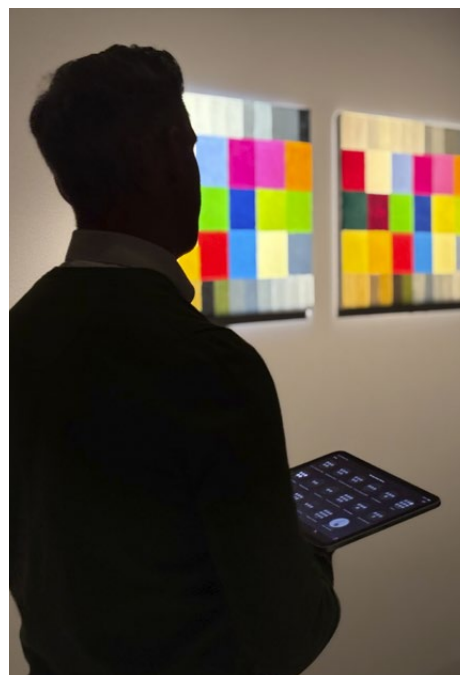
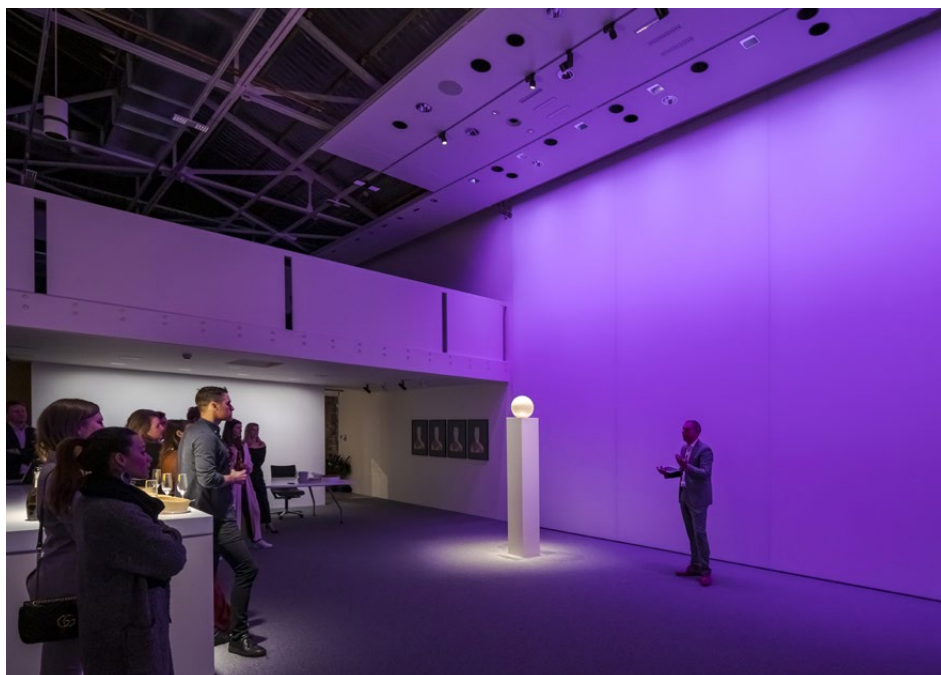
Energy is a limited and expensive resource. So those planning with light need to be more effective with the light and decide where to not put energy, because that's where the savings will be found. This approach can lead to a big reduction in the connected load. Done well, it can substantially reduce energy consumption because it only puts light where it's needed.

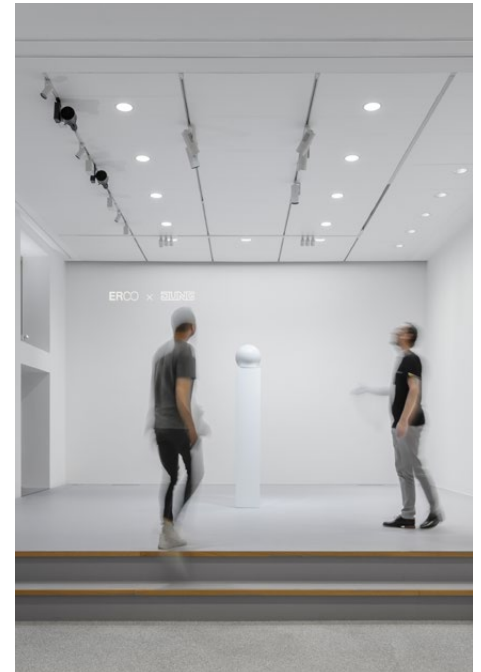


Light in application

Experience inspiration – worldwide

In ERCO locations around the world, we create spaces where light is not only presented, but experienced. Alongside staged presentation areas, different room settings – from showrooms to real applications – offer the opportunity to experience lighting effects on site. In addition, we regularly present our lighting concepts at exhibitions, trade fairs and international events – always with the aim of placing architecture and light in the right context.





"In the showroom, we didn't just see luminaires – we experienced the light."

Architect, Munich

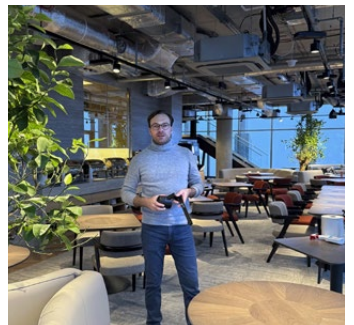
We are ERCO

Globally connected, locally there for you

Light knows no boundaries. Neither do we.

Whether it is a small architecture practice in Auckland or a cultural project in Paris, ERCO is there wherever light is needed. Our lighting consultants support you worldwide: in person on site, digitally, or in our showrooms. With technical expertise, experience and personalised support, we accompany you from the initial idea through to implementation, exactly when you need us.





Sales excellence

Customer focus

ERCO stands for excellent lighting tools and expert lighting advice on an equal footing. Our global sales team supports projects with technical expertise, experience from a wide range of applications and a clear understanding of architecture. What makes us special? Our ambition to bring architecture and light together with precision: efficiently, sustainably and future-proof.

"ERCO's expertise has allowed us to craft spaces where history truly comes alive."

Kevin Brennan, Senior Mechanical and Electrical Manager, National Maritime Museum, UK

Lighting design worldwide, with the highest standards



Worldwide presence

Our own sales organisations in more than ten countries, locally embedded and internationally connected.



Personal consultation

Individual support for architects, lighting designers and clients, on an equal footing.



Technically proficient

A clear understanding of construction processes, standards and lighting requirements.



Tools for planners

BIM models, DIALux data, UGR tables and Revit files, available for immediate download.



Tailored solutions

With ERCO individual, we realise special colours, light characteristics and mounting systems, tailored to your needs.



Sustainability-minded advice

Our lighting consultants factor in Greenology: carbon footprints, durable systems and ESG-compliant planning.



Experience light

Workshops, showrooms and on-site lighting trials, turning ideas into lighting solutions.

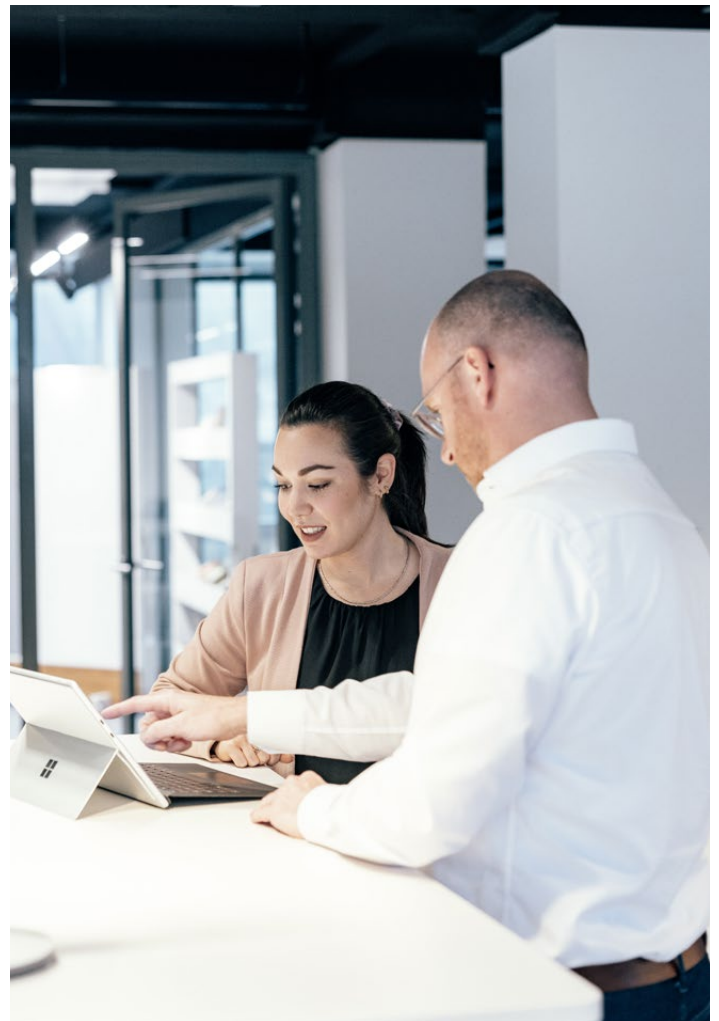




**Learning as a team,
growing as a brand**
Successful sales start
with knowledge
and enthusiasm.
Our training
programmes foster
both, with a focus
on innovation,
sustainability
and customer
orientation.

"The design process took years, and
the requirements changed several
times, but the ERCO sales team
remained committed throughout."

Beatrice Seidt, Lighting Designer, Olympic Swimming Hall, Munich



Contact

Find your local contact
worldwide

www.erco.com/contact

ERCO individual

Lighting tools tailored to your needs

Every architecture is unique, as are the requirements for light. With ERCO individual, we develop solutions that integrate into your project with precision, both in design and in technology.

We are not a manufacturer. We are a light factory. With the possibilities of industrial production, we create precise, efficient and reproducible lighting solutions in series-production quality.



Does your project require a specific light distribution?

Lighting technology can be defined flexibly across all parameters, from beam angle to colour temperature.

Fenix Museum, Rotterdam
Individually configured with CRI 97, Parscan spotlights at 4000K provide exceptionally precise, true-colour illumination of the exhibits.

Photography: Lukas Palik

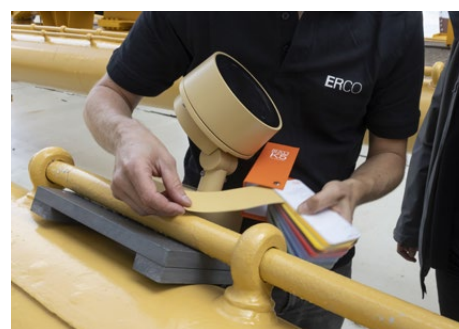


No standard installation possible?

We develop custom brackets, extensions and flexible mounting options.

New National Museum, Oslo
Parscan was used in a customised version: The continuous stepped ceiling required an extended bracket to position the luminaire optimally.

Photography: Tomasz Majewski



What if design or colour does not match your architecture?

We adapt dimensions, housing shape and colours precisely, in RAL, NCS or as a special finish.

"Peking" four-masted barque, Hamburg
Thanks to "ERCO individual" special solutions, which reflect the historical appearance of the ship in terms of colour, the imposing four-masted barque now radiates in new splendour.

Photography: Frieder Blicke

From sketch to lighting tool

Our specialised team supports you from the initial idea through to production-ready implementation, with specialist knowledge, planning experience and a genuine passion for good light.



Idea and requirements

Your vision, our inspiration.

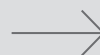
Whether a sketch, a description or a special request, everything starts with your project idea.



Consultation and analysis

Technically robust. Design-led.

Our application engineers analyse requirements, application, feasibility and lighting effect.



Concept development

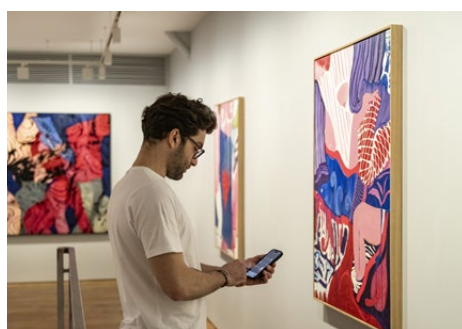
Uniqueness built from standards.

We use our modular platforms and adapt optics, colour, housing or control.



Full commitment
At lofty heights, ERCO employees installed individually finished Kona floodlights, bringing light to the historic rigging of the "Peking".

Project: Peking
four-masted barque,
Hamburg.
Photography:
Frieder Blickle



Do you need a networked control solution?

We take a holistic approach to lighting control, from simple stand-alone solutions to complex building networks.

Lilia Ben Salah Gallery

With Casambi, lighting scenes can be adjusted and recalled flexibly, and can also be retrofitted with minimal effort.

Photography: DESIGN DE LUX /
Vincent Muracciole



www.erco.com/individual

"We chose ERCO spotlights not only for their customisation options and flexibility, but also because they are easy to install, robust and long-lasting."

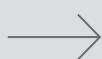
Juliette Nielsen, Lighting Designer, Fenix Museum, Rotterdam



Design and visualisation

Your solution becomes visible.

We create renderings or technical visualisations for coordination.



Prototype and testing

Check. Test. Improve.

A prototype is produced and then tested in the lighting laboratory for lighting performance, safety and efficiency.



Production and quality

Individual and industrial at the same time.

Once approved, the product goes into series production, with full quality assurance.



Delivery and installation

Ready for architecture.

Your lighting tool is delivered ready for use, fully documented and built to last.

48V track



[www.ercos.com/
track-lighting](http://www.ercos.com/track-lighting)



ERCO Minirail 48V track and singlets

Miniaturised track profile

Recessed, surface-mounted or
pendant mounting possible

OEM components available

220-240V track



ERCO track and singlets

Low construction height

Recessed, surface-mounted or
pendant mounting possible

OEM components available



13W – 14W / 1093lm – 1579lm

ERCO Hi-trac track with uplights

Spacing of up to four metres

Based on the proven ERCO track

Indirect lighting and OEM
components available

Spotlights for tracks

Spotlights, floodlights and wallwashers for 48V track



www.erco.com/spotlights



Uniscan 48V

Miniaturised luminaire with high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Shop, Living



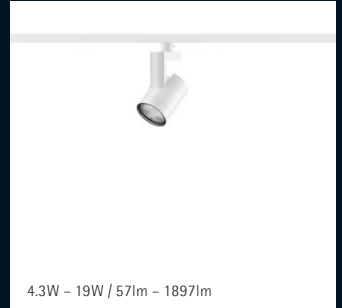
Eclipse 48V

Miniaturised luminaire with high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Shop



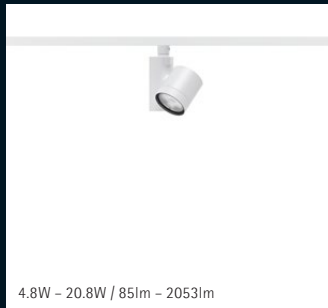
Parscan New 48V

Miniaturized luminaires with high efficiency

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Work



Optec New 48V

Miniaturised luminaires with high efficiency

Contour and zoom optics interchangeable and tunable white available

270° pivotable

Shop, Hospitality, Culture

Spotlights for track

Spotlights, floodlights and wallwashers for 220–240V track



www.erco.com/spotlights



5.3W – 25.7W / 73lm – 2030lm

Uniscan InTrack

Simple design with high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Shop, Living



4.8W – 25.8W / 238lm – 2030lm

Uniscan OnTrack

Ideal for existing phase dimmable systems

Extensive accessories

Contour and zoom optics interchangeable

Culture, Shop



5.3W – 43W / 73lm – 2030lm

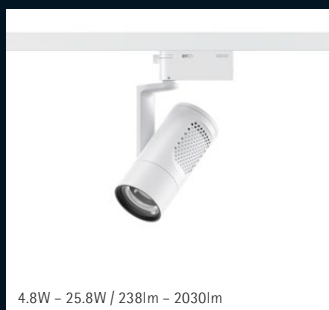
Eclipse InTrack

Four sizes and high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Community, Contemplation



4.8W – 25.8W / 238lm – 2030lm

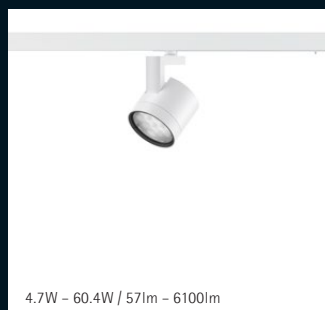
Eclipse OnTrack

Ideal for existing phase dimmable systems

Extensive accessories

Contour and zoom optics interchangeable

Culture, Community, Contemplation



4.7W – 60.4W / 57lm – 6100lm

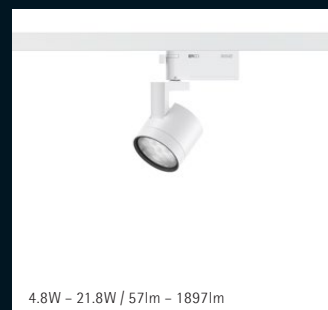
Parscan New InTrack

Six sizes and high efficiency

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Community, Work



4.8W – 21.8W / 57lm – 1897lm

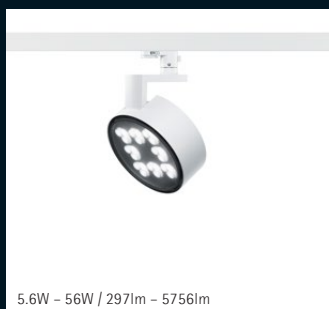
Parscan New OnTrack

Ideal for existing phase dimmable systems

Extensive range of accessories as well as tunable white

Contour and zoom optics interchangeable

Culture, Community, Work



5.6W – 56W / 297lm – 5756lm

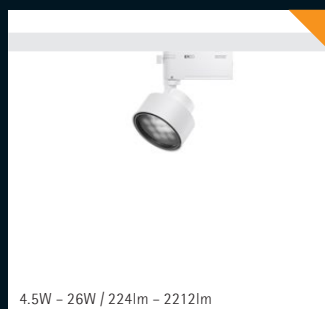
Parscan

Ideal for ceiling channels and singlets

Zoom spotlights available

Elegant design due to integrated control gear

Culture, Shop



4.5W – 26W / 224lm – 2212lm

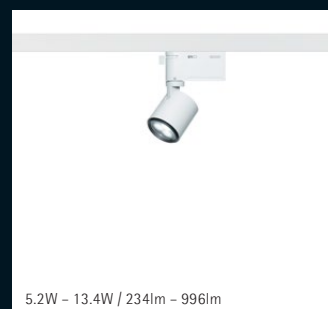
Pollux New

Two compact sizes

Attractive price-performance ratio

Contour spotlights available

Culture, Community



5.2W – 13.4W / 234lm – 996lm

Pollux

Compact luminaire dimensions

Contour spotlights and zoom spotlights available

Culture, Hospitality

Luminaires for track

Spotlights, floodlights and wallwashers for 220–240V track



www.erco.com/spotlights



4.6W – 38W / 85lm – 3697lm

Optec New

Contour and zoom optics interchangeable

Tunable white available

270° pivotable

Culture, Community, Shop



4.8W – 44W / 229lm – 3761lm

Optec

Contour spotlights and zoom spotlights available

Pivotable through 270°

Shop, Culture



64.3W – 91W / 3819lm – 7425lm

Stella

Large lumen packages for high illuminances

Ideal for high rooms

Strong accents from large distances

Community, Contemplation



5.5W – 56W / 355lm – 5831lm

Light Board

Elegant design due to integrated control gear

Suitable for singlets

Culture, Shop



4.8W – 46W / 235lm – 3383lm

Option

Flat luminaire design for low rooms

Suitable for singlets

Shop

Downlights for tracks

Downlights and wallwashers
for 220–240V track



[www.erco.com/
track-downlights](http://www.erco.com/track-downlights)



21.9W – 22.3W / 1858lm – 2547lm

Iku

For efficient and flexible ambient
lighting

Interchangeable lenses

High visual comfort

Hospitality, Living, Work



17W – 19W / 2119lm – 2640lm

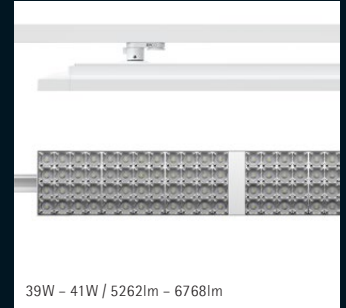
Jilly

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

High visual comfort

Work, Community



39W – 41W / 5262lm – 6768lm

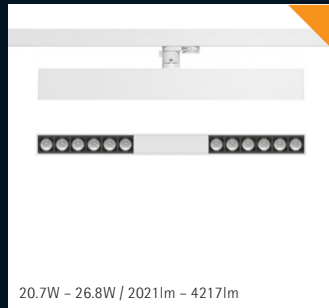
Jilly linear

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

Suitable for high rooms <5m

Work, Community



20.7W – 26.8W / 2021lm – 4217lm

Compar linear

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

Six light distributions

Work, Community



14.4W – 30W / 663lm – 2085lm

Pantrac

Extremely uniform wallwashing

Large luminaire spacing

Simple handling

Culture, Community

Light structures



[www.erco.com/
lightstructures](http://www.erco.com/lightstructures)



Invia 48V

Seamless continuous row – also
around corners and with tunable
white

Recessed, surface-mounted or
pendant mounting possible

Downlights, wallwashers, uplight and
48V spotlights

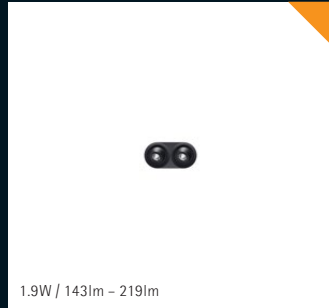
Community, Work, Culture

Recessed spotlights

Recessed spotlights, recessed floodlights and recessed lens wallwashers



www.erco.com/spotlights-r



Axis

Miniaturised recessed spotlights

Pivotable through 70°

1-, 2- or 4-unit mounting possible

Hospitality, Living, Culture



Starpoint

Pivotable through 30°

Six light distributions

Small luminaire dimensions

Shop, Hospitality



Quinta

Very high visual comfort

Seven light distributions

Extensive range of accessories and Tunable white

Culture, Community, Living



Gimbal

Pivotable through 40°

Seven light distributions

Gimbal suspension

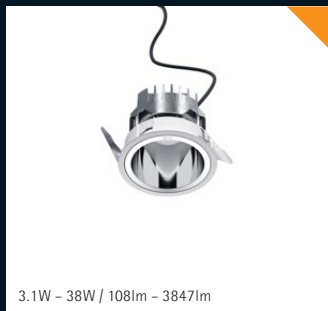
Community, Culture, Shop

Recessed luminaires

Downlights, wallwashers and directional spotlights



www.erco.com/downlights-r



3.1W – 38W / 108lm – 3847lm

Quintessence round

Downlight, wallwasher and directional spotlight

Very high visual comfort due to darklight technology

Culture, Community, Work



7.9W – 122W / 385lm – 11210lm

Atrium double focus

Downlights and wallwashers

Ideal for very high rooms and sloping ceilings

Very high visual comfort

Community, Culture, Contemplation



4.2W – 40.3W / 304lm – 5299lm

Iku

Downlights, wallwashers and double wallwashers

Tunable white available

Downlights with very high efficiency >100lm/W

Community, Work, Hospitality



11.8W – 26W / 1033lm – 3505lm

Iku Work

Downlights with very high efficiency >100lm/W

For office workstation lighting as of UGR<16

Work



8.2W – 33W / 696lm – 3156lm

Skim

Downlight from UGR<16 with iconic drop lens

Very good price performance ratio

Downlights with very high efficiency >100lm/W

Community, Work



12.1W – 20.3W / 1599lm – 2838lm

Panlens

Downlight with lens made of 100% PMMA recyclate

Very good price performance ratio

Downlights with very high efficiency >100lm/W

Community



5.8W – 92W / 350lm – 8405lm

Compar linear

Downlights and wallwashers with extremely narrow ceiling detail

For office workstation lighting as of UGR<16

Five light distributions

Community, Work, Culture



Recessed luminaires

Grazing light wallwasher



[www.erco.com/
downlights-r](http://www.erco.com/downlights-r)



7.9W – 40W / 492lm – 4224lm

Lightgap

Impressively uniform grazing light

Concealed light source

Seamless luminaire configurations possible

Community, Work

Surface-mounted luminaires

Surface-mounted downlights



[www.erco.com/
downlights-s](http://www.erco.com/downlights-s)



6.9W – 44.7W / 614lm – 5609lm

Iku

Ideal for renovations and new buildings

Good price performance ratio

Downlights with very high efficiency >100lm/W

Community



8.2W – 33W / 717lm – 3243lm

Skim

Downlight from UGR<16 with iconic drop lens

Good price performance ratio

Downlights with very high efficiency >100lm/W

Community, Work



12,9W – 20,2W / 1599lm – 2838lm

Panlens

Downlight with lens made of 100% PMMA recycle

Very good price performance ratio

Downlights with very high efficiency >100lm/W

Community

Pendant luminaires

Pendant downlights



www.erco.com/pendant



Atrium double focus

Indirect lighting available

Ideal for high and very high rooms

Very high visual comfort

Community, Contemplation



Jilly linear

For office workstation lighting as of UGR<16

Indirect lighting with tunable white available

Anti-glare louvre in various colours

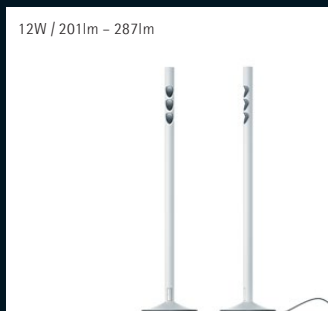
Work

Task lights

Task lights



www.erco.com/task-lights



Lucy

Very high visual comfort

Touch dimmer with memory function

Rotatable through 180°

Work, Community

Showcase lighting

Showcase lighting



[www.erco.com/
showcase-lighting](http://www.erco.com/showcase-lighting)



1W / 80lm – 126lm

Axis

Miniaturised showcase spotlights

Semi-recessed, surface-mounted, stem luminaire (extendable magnetically)

Interchangeable lenses and accessories

Culture, Shop, Contemplation

Wall luminaires

Ceiling washlights



[www.erco.com/
wall-luminaires](http://www.erco.com/wall-luminaires)



14.4W – 30W / 663lm – 2295lm

Pantrac

Wide and narrow light distributions available

Excellent ceiling washlighting

Large luminaire spacing

Community, Culture

Outdoors

Projectors

Projectors, floodlights and wallwashers



www.erco.com/projectors



Beamer

- Projector with Darklight lenses
- Zoom/framing optics and many accessories
- RGBW and tunable white as well as Casambi Bluetooth available
- Community, Culture, Contemplation



Kona

- High visual comfort
- Five sizes
- Dimmable on the luminaire and Casambi Bluetooth available
- Community, Public, Culture



Lightscan

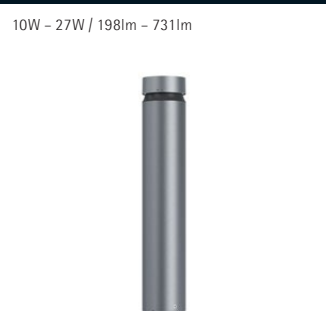
- Five sizes
- Dimmable on the luminaire and Casambi Bluetooth available
- Community, Public, Culture

Bollard luminaires

Floor washlights



www.erco.com/bollards



Castor

- Available with 180° or 360° light distribution
- 100% Dark Sky compliant
- Four sizes

Recessed luminaires

Downlights, wallwashers and
directional spotlights



[www.erco.com/
downlights-r-ext](http://www.erco.com/downlights-r-ext)



6.9W – 44.7W / 549lm – 5609lm

Iku

Downlights and wallwashers

Tunable white and Casambi
Bluetooth available

High visual comfort

Culture, Community

Surface-mounted luminaires

Downlights and wallwashers



[www.erco.com/
downlights-s-ext](http://www.erco.com/downlights-s-ext)



6.9W – 34.3W / 549lm – 4182lm

Iku

Downlights and wallwashers

Tunable white available

High visual comfort

Community

In-ground luminaires

Wallwashers, uplights and
directional spotlights



[www.erco.com/
ground-luminaires-ext](http://www.erco.com/ground-luminaires-ext)



3W – 38W / 148lm – 3239lm

Tesis New

Pivotable directional spotlights for
accent lighting

Wallwasher for near and far wall
distances

Interchangeable lenses

Community, Public, Culture



26W – 27W / 1305lm – 1447lm

Site

Impressive grazing light

Very high visual comfort

Large luminaire spacing

Community, Public, Culture

Light is the fourth dimension of architecture



ERCO

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