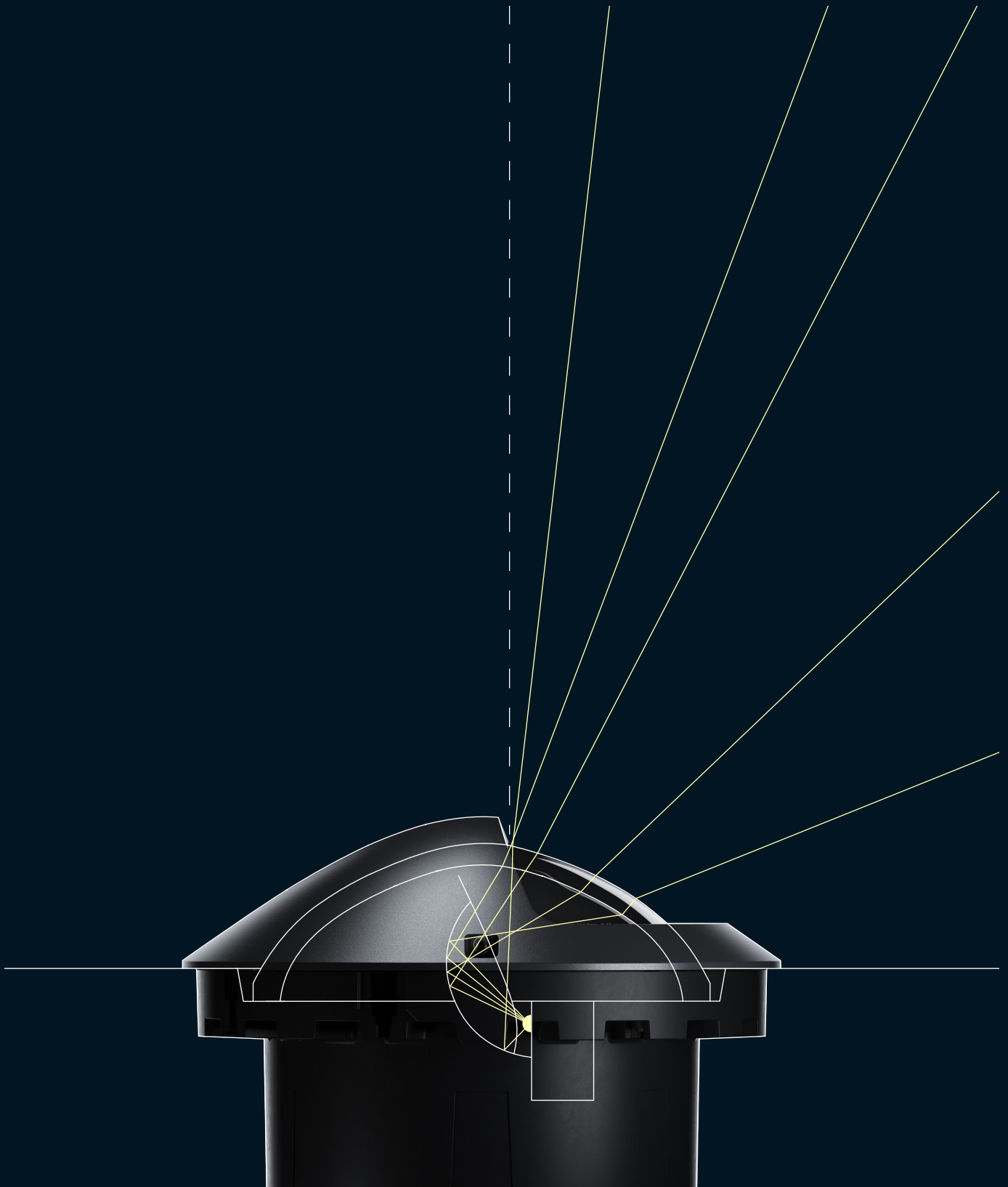


ERCO

Innovations 2025

New Products
Supplements
Complete Overview



ERCO Innovations Overview

Iku

Efficient ambient lighting
- for both outdoors and
indoors

The new product family for ambient lighting needs. Indoor and outdoor luminaires in various designs enable cohesive lighting concepts.

pp 8-21



Tesis New

Light from the ground,
more flexible than ever

Interchangeable lenses and zoom spotlights provide maximum flexibility on site. Innovative semi-recessed wallwashers ensure perfect uniformity with minimal wall distance.

pp 22-31



ERCO Greenology

Step by step towards greater sustainability

These innovations contribute significantly to a sustainable future.



Skim Panlens

Rethinking Greenology

Lenses made from 100% recycled material, maintaining uncompromised light quality. Skim Panlens showcases the innovative potential of sustainability.

pp 46–47



Pollux New

Enhanced performance

Equipped with state-of-the-art components, Pollux New spotlights achieve a 33% efficiency boost.

pp 50–51



Optec New

For large lighting distances

Also available in size L, designed for a 20-year service life and ensuring impressive sustainability.

pp 52–53

Axis

Swivelling mini recessed spotlights

Axis recessed spotlights create accents in darkened rooms without dominating the space. Perfect for galleries, bars and commercial spaces.

pp 54–61



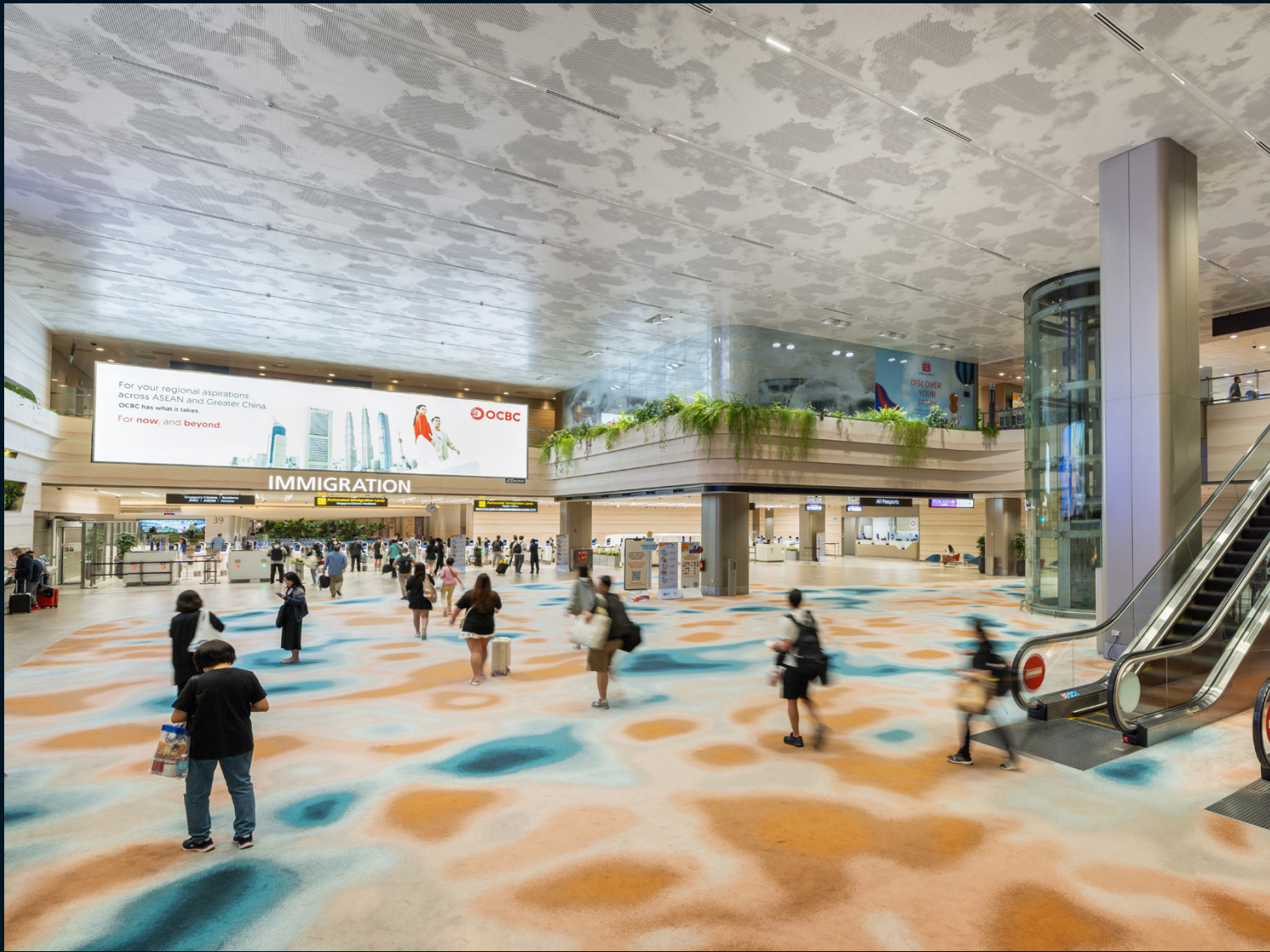
Beamer

Now with framing and over 2600lm

Size L now accommodates high luminous flux. Contour spotlights deliver sharp-edged projections.

pp 32–41





ERCO projects

Whether ancient monuments, extraordinary museums, modern workplaces or public buildings: ERCO provides professional lighting tools for both indoor and outdoor applications.

**Sports hall
Gymnasium of
Neustadt am
Rübenberge**
Tesis recessed floor luminaires by ERCO bring the graffiti facade of the sports hall to life, creating a lively and inviting atmosphere after dark. With precise light control, the colours are accentuated, making the sports hall an attractive focal point even in the evening.
Photography:
Frieder Blickle



Learn more about our international projects in our reports and background stories:

www.erco.com/projects



Changi Airport, Singapore
 Compar downlights provide a sustainable lighting solution for the extension of Terminal 2 at Changi Airport. The 5,500 luminaires deliver glare-free ambient lighting in the arrivals and departures halls

while minimising maintenance with their long service life – perfect for 24/7 operations.
 Lighting design: PhA Concepteurs Lumière
 Photography: Finbarr Fallon



Mona Museum, Tasmania
 Tesis recessed floor lights illuminate the bronze sculpture "Girls Rule", which doubles as a slide. Depicting a self-assured girl in a dominant pose over a boy, the sculpture challenges gender roles and makes

a strong statement for female empowerment.
 Lighting design: MEGS Lighting
 Photography: Jackie Chan





Louisiana Museum of Modern Art, Humlebæk
Following an LED upgrade, over 400 Parscan spotlights now provide precise and adaptable lighting for artworks. This has significantly reduced both energy consumption and maintenance costs.
Lighting design: Niras A/S
Photography: Tomasz Majewski



Com'Over, Lyon
Compar downlights and Opton track spotlights provide efficient and flexible lighting solutions for modern office spaces. To meet the constantly changing needs of employees, these luminaires enable adaptable lighting that effortlessly adapts to new requirements while ensuring optimum visual comfort.
Photography: Vincent Muracciole

Deutsches Museum, Munich
Optec spotlights deliver precise illumination of exhibits, adapting seamlessly to varying room heights and lighting conditions. This flexible lighting solution supports every exhibition with precisely tailored light levels and colour temperatures.
Lighting design: Prof. Michael Schmidt
Photography: David Schreyer



Hamburg State Opera, Hamburg
For the refurbishment of the auditorium lighting, the opera house opted for customised Atrium double-focus downlight. The result: over 80% energy savings, excellent lighting quality and superior visual comfort. Lighting design: Ingenieurteam Gebäudetechnik GmbH & Co. KG
Photography: Frieder Blicke





1:1 replacement – How easy it is to refurbish your lighting with ERCO



Downlights
Simple replacement: ERCO downlights with matching fixing rings are designed to fit perfectly into your existing ceiling cut-outs.



Recessed floor lights
Floor openings in outdoor areas can still be used. Matching fixing rings ensure seamless installation without complex renovations.



Luminaires for track
Perfect compatibility: New ERCO spotlights are compatible with old ERCO tracks, reducing refurbishment.



Customised solutions
For unique requirements, we offer bespoke solutions with series quality through our "ERCO individual" service.



Sparkasse, Ulm
Electrical planning:
Complaning
GmbH, Neu-Ulm
Photography:
Frank Wiegand

**Tackle your lighting refurbish-
ment now!**
Contact us for a pragmatic and
durable refurbishment solution.

www.erco.com/contact

**Dussmann das
KulturKaufhaus
GmbH, Berlin**
Photography:
Rudi Meisel



**Ferry Porsche
Congress Center,
Zell am See**
Photography:
Gavriil Papadiotis



Iku

For lighting concepts that combine
the indoors and outdoors

AAA



>120lm/W

AAA now also in IP65

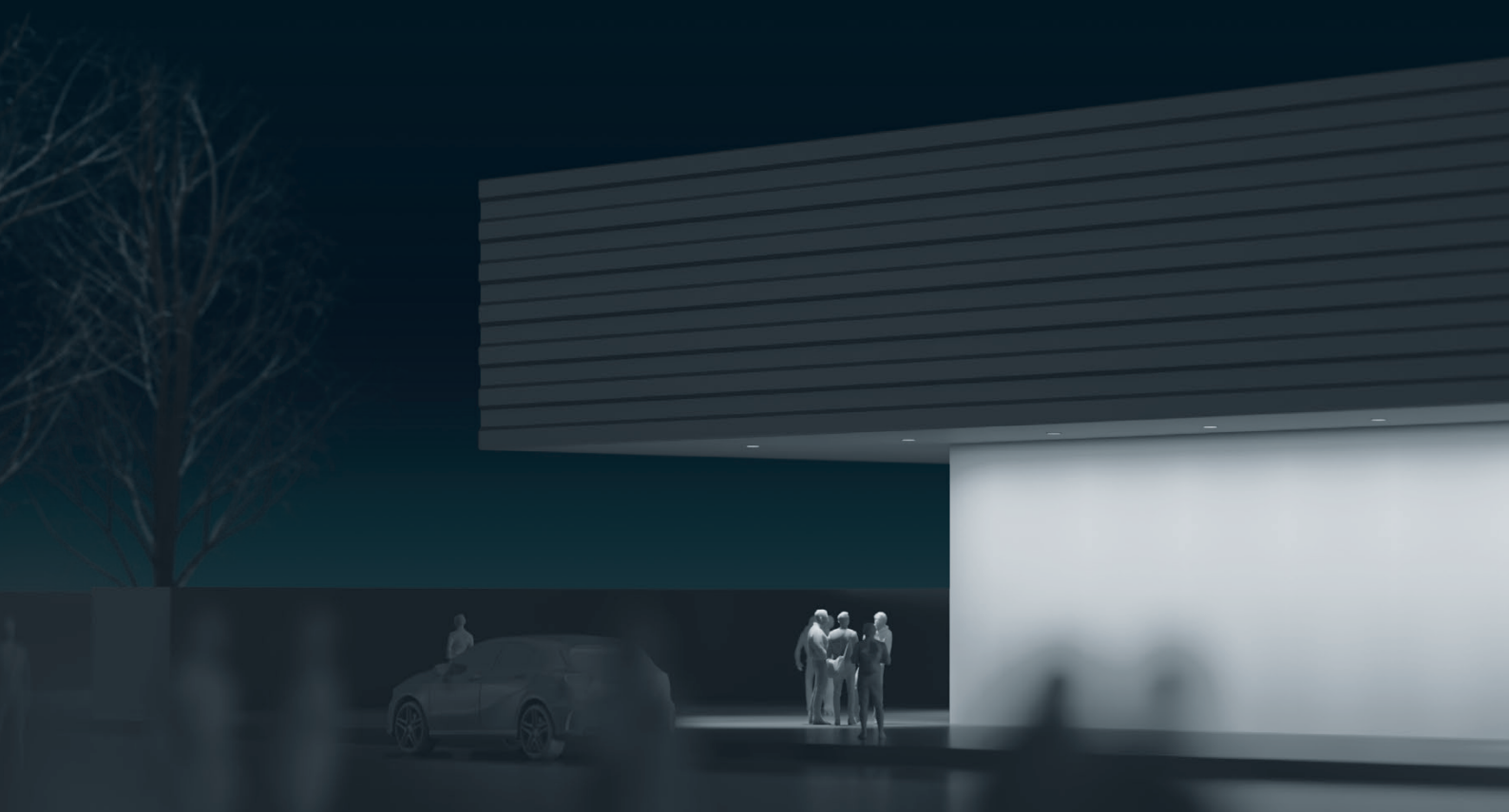
The new recessed and surface-mounted luminaires make Iku the most comprehensive product family for lighting concepts with AAA. This is our formula that combines architecture, activity and atmosphere in lighting. Wallwashers make the vertical surfaces of architecture visible. Downlights provide light and visual comfort for all activities and tunable white creates the right atmosphere at any time of day or night.

Built for long-term operation

For all applications where reliability and a long service life are paramount: Iku was developed according to ERCO's Lighting Durability approach, which aims to design and produce luminaires for a service life of at least 20 years*.

The efficient ambient lighting

Iku combines ERCO's philosophy of perception-oriented lighting with very high efficiency. The Iku range offers visual comfort, smart dimming and vertical lighting with maximum performance. Iku thus meets the requirements of current funding programmes.





New

Recessed luminaire IP65



New

Surface-mounted luminaire IP65



New

Surface-mounted luminaire IP20



New

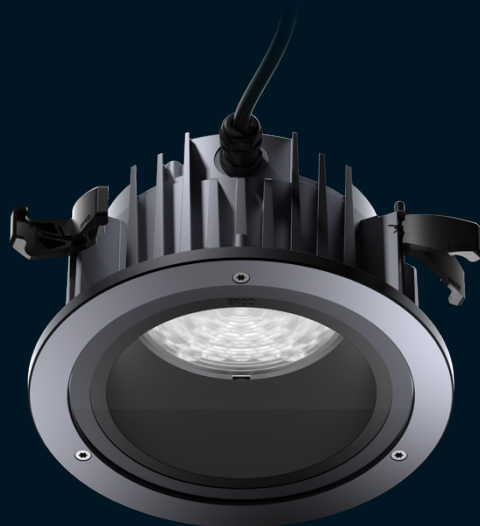
Downlights for track



* The service life of 20 years (= about 75,000 operating hours) targeted in the development approach pre-supposes 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.



Iku recessed luminaires for outdoors



Consistent lighting concepts

Whether with oval or round light distribution or even as a wallwasher: ERCO provides you with the same outstanding quality of light, both outdoors and indoors.



Light that adapts

Create dynamic light scenes with tunable white that mimic the natural course of the day, providing vibrant lighting both outdoors and indoors.



Providing visibility

Emphasise the architecture with uniform wall-washing and create a prestigious reception area.

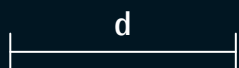


Iku surface-mounted luminaires for the outdoors



Tone-on-tone or an eye-catcher? With up to 10,000 possible housing colours. Here, for example, in RAL 9002.

www.erco.com/individual



More light, fewer luminaires

Our special light distributions for pathways, open spaces or the uniform illumination of facades enable particularly large spacing between luminaires. This minimises investment and energy costs.



Designed for all weather conditions

Iku withstands the elements: With IP65 protection and corrosion-resistant materials, these luminaires are ideal for applications requiring higher protection ratings.

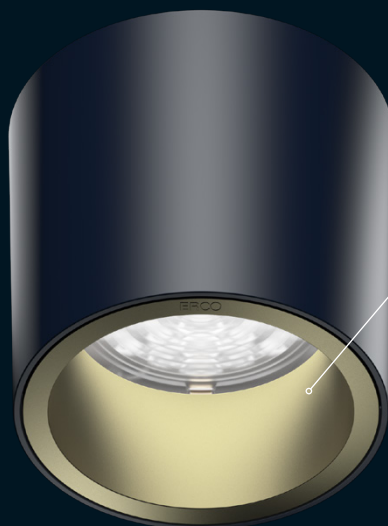


Durable luminaires

Iku is designed and manufactured to deliver the highest light quality in applications built for decades of operation.



Iku surface-mounted luminaires for indoors



Set contrasting accents: Housing in RAL 5011, steel blue and anti-glare cone in gold.

www.ercos.com/individual



Ideal for lighting refurbishments

With three sizes and easy through-wiring, Iku surface-mounted luminaires are the ideal choice for rooms with solid ceilings and for straightforward modernisation.



Suitable light distributions

Whether for wide-area ambient lighting or specifically for corridors. Round and oval light distributions allow for large luminaire spacing – without compromising on visual comfort.



Are you ready for colours?

We offer up to 10,000 housing colours through our "ERCO individual" service. Thanks to the lens system, the anti-glare cone may also be customised without changing the light colour!



Iku recessed luminaires for indoors



More than just a downlight

With 5 sizes, two round and two oval light distributions as well as wallwashers and double wallwashers, Iku offers economical architectural lighting for applications of any dimension.



Light colour to match the time of day

Iku with tunable white: Change the atmosphere by having the light colour of downlights and wallwashers dynamically follow the progression of daylight.



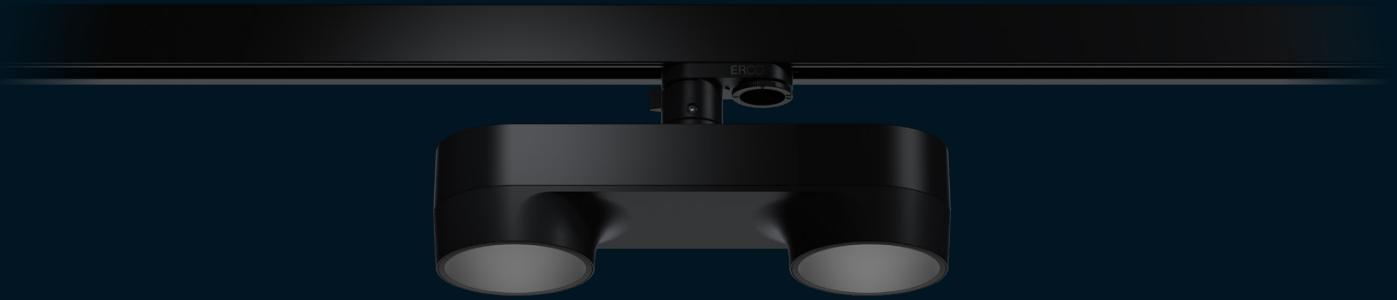
For simple refurbishment

Use Iku with Casambi Bluetooth for your switch to LED lighting. This allows you to make your lighting digitally controllable and efficient - without any additional installation work.



Charon

Iku for tracks for the interior



Light where you need it

Looking for future-proof ambient lighting? Thanks to installation in the track, you can adapt the downlight position to new room layouts at any time.



Perfect in combination with spotlights

Combine Iku with round spotlights and wallwashers: for a continuous design with light from the track.



Rotatable lenses

With Iku, both the luminaire and the interchangeable lenses can be rotated. This means that the oval light distribution for corridors or tables can be aligned independently of the luminaire position.

Iku overview

Iku for indoors and outdoors

Iku allows you to realise lighting solutions that combine indoor and outdoor spaces. Whether you choose round or oval light distribution, wallwashers, or downlights – ERCO provides the same excellent light quality outdoors as it does indoors.



Recessed luminaires



Surface-mounted luminaire



Downlights for track

Features

- For universal architectural lighting in interiors
 - UGR <19: Standard-compliant lighting for offices
 - Downlights, wallwashers and double wallwashers
 - Tunable white available
- For universal architectural lighting in interiors
 - Downlights
 - Tunable white available
- Flexible ambient lighting for offices, museums and reception areas
 - 3 interchangeable light distributions
 - Perfect in combination with round spotlights

Sizes

Up to 5 sizes
4.2W – 41W
299lm – 5846lm

3 sizes
6.9 W – 44.7 W
615 lm – 6192 lm

1 size
21.9W – 22.3W
1784lm – 2818lm

Light distributions



Wide flood
Extra wide flood
Oval flood
Oval wide flood



Wide flood
Extra wide flood
Oval flood
Oval wide flood



Wide flood
Extra wide flood
Oval flood



Wallwash



Double wallwash

This is what sets Iku apart

>120lm/W

Office lighting from <3 W/m²

Iku is particularly efficient, but lighting only becomes truly effective with zonal light tailored to the functional areas. Standard-compliant office lighting is thus possible from <3 W/m².



Digital connectivity

Whether for new construction or refurbishments: Casambi Bluetooth makes your control system digital, without additional hardware.



Through-wiring possible

Iku luminaires for recessed and surface-mounted installation can be through-wired. This simplifies installation.



Recessed luminaire with IP65

- For universal architectural lighting in environments with high protection class requirements
- Downlights and wallwashers
- Tunable white available

3 sizes
6.9 W – 44.7 W
529 lm – 6192 lm



Wide flood
Extra wide flood
Oval flood



Wallwash



Surface-mounted luminaire with IP65

- For universal architectural lighting in environments with high protection class requirements
- Downlights and wallwashers
- Tunable white available

2 sizes
6.9 W – 34.3 W
529 lm – 4625 lm



Wide flood
Extra wide flood
Oval flood



Wallwash



The perfect ERCO wallwashing

Light-coloured walls make it easier to work on screens, support our perception of space and define visual axes. This is what makes vertical lighting so important.



Tunable white

Tunable white allows you to adjust light colours flexibly and dynamically, perfectly matched to the course of daylight or the surroundings.



Colour of choice?

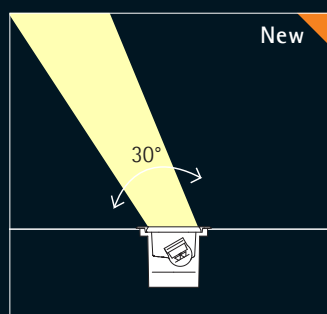
What's special about Iku? Thanks to lens optics, it is possible to customise the colour of the anti-glare cone without changing the light colour.



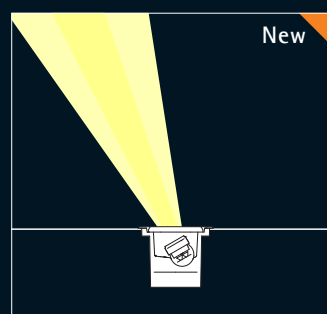
Tesis New

More precise than ever: The new generation of in-ground luminaires

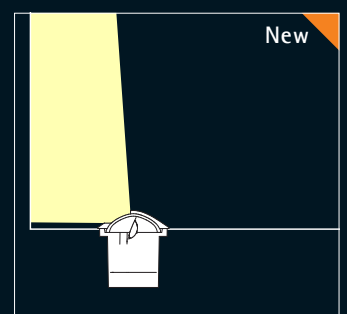
With swivelling light heads, on-site adjustable light distributions, zoom optics and two types of wallwashers, Tesis ensures that light is projected only where it's needed – onto the architecture and not into the sky.



Directional spotlights now equipped with interchangeable light distributions



Adjustable zoom light distributions for both round and oval light beams



New semi-recessed wallwashers enable installation particularly close to the wall



Copper tent in the Haga Park, Solna

Thanks to the use of Tesis in-ground luminaires, the copper tent is evenly and precisely illuminated, allowing its curved contours and

architectural details to stand out clearly - even in the dark.

Lighting design: ÅF

Photography: Johan Elm

Tesis New in outdoor areas

Shanghai Bund, Shanghai

The architectural details of the commercial buildings in Beaux-Arts style are effectively highlighted by Tesis outdoor luminaires. Lighting design: Huangpu District Lighting Landscape Management Office
Photography: Jackie Chan





**Surbana
Jurong Campus,
Singapore**
The recessed
luminaires
installed in the
inner roof of the
main entrance
are harmoniously
integrated into
the architectural
concept.
Lighting design:
Nipek Pte. Ltd.
Photography:
Finnbarr Fallon

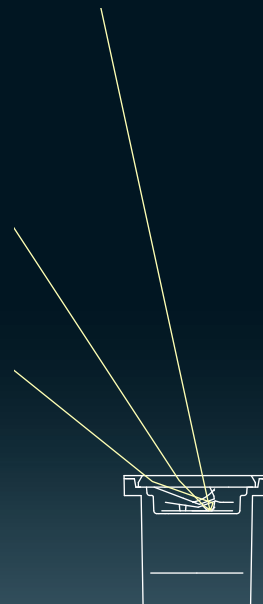
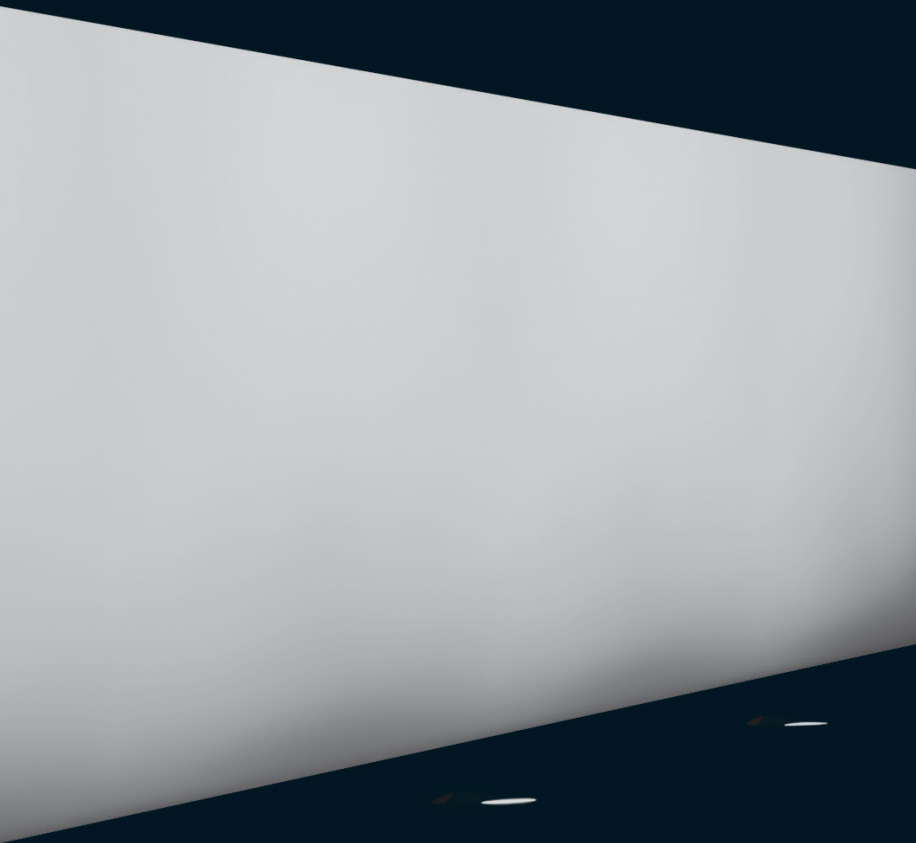
**The new National
Museum of
Qatar**
On the forecourt
of the museum,
Qatar's flag rises
into the sky,
supported by
sculptured human
hands, and is
illuminated
at night by
Tesis in-ground
luminaires.
Lighting design:
Koichi Takada
Architects
Photography:
Gavriil Papadiotis



Tesis New

Wallwashers: Only the facade in view

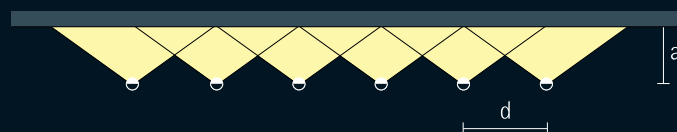
Flush installation



By the way:
Our smallest wallwasher
Tesis size 2, with a diameter of just 56mm, is our smallest wallwasher for a striking presence in outdoor areas.

Particularly inconspicuous

The flush-mounted Tesis wallwashers project the light horizontally onto facades and walls with impressive uniformity. The ideal solution for buildings adjacent to traffic-calmed zones and plazas.

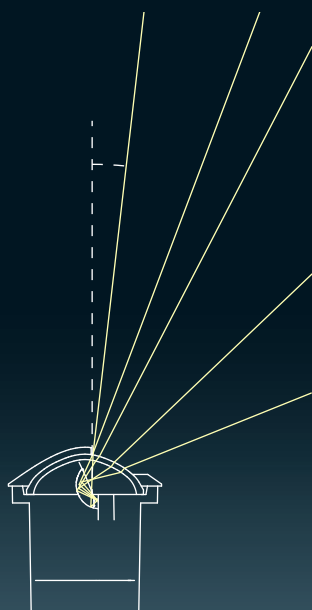


The 1/3 classic
With a wall distance (a) of 1/3 of the wall height, the luminaires are positioned slightly away from the wall and can be driven over using recessed housings. The luminaire spacing (d) may be up to 1.3 times the wall distance (a).



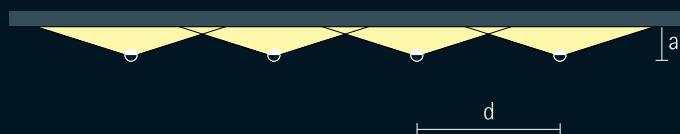
New

Semi-recessed
installation



No light in the rear space

Our wallwashers are perfectly shielded to ensure that the area away from the wall remains unlit. This allows the human eye to adapt to the darkness, enabling the use of lower lighting levels.



The spacing miracle

With a distance (a) of only 1/6 of the wall height, the luminaires sit extremely close to the wall. The optics allow luminaire spacing (d) of up to six times the wall distance, saving both investment and installation costs.

Particularly close to the wall

Wherever installation is only possible near the façade, the semi-recessed wallwashers showcase their impressive lighting technology. The optics, integrated into a dome, set new benchmarks in terms of uniformity, luminaire spacing and wall distance.



Tesis New

Directional spotlights: Equipped for all eventualities

Directional spotlights with interchangeable lenses

Because on-site conditions often differ from the original plan, the new Tesis directional spotlights with interchangeable light distributions provide unmatched planning reliability for in-ground luminaires. In a few simple steps, a 16° spot can be transformed into an oval light cone on site, without voiding the warranty.



Narrow spot 8°



Spot 16°

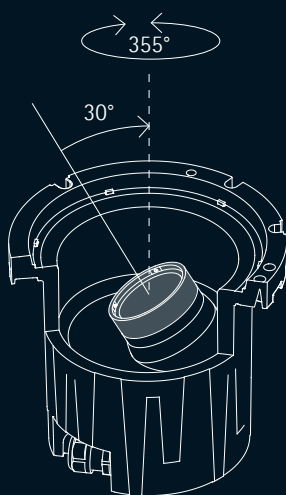
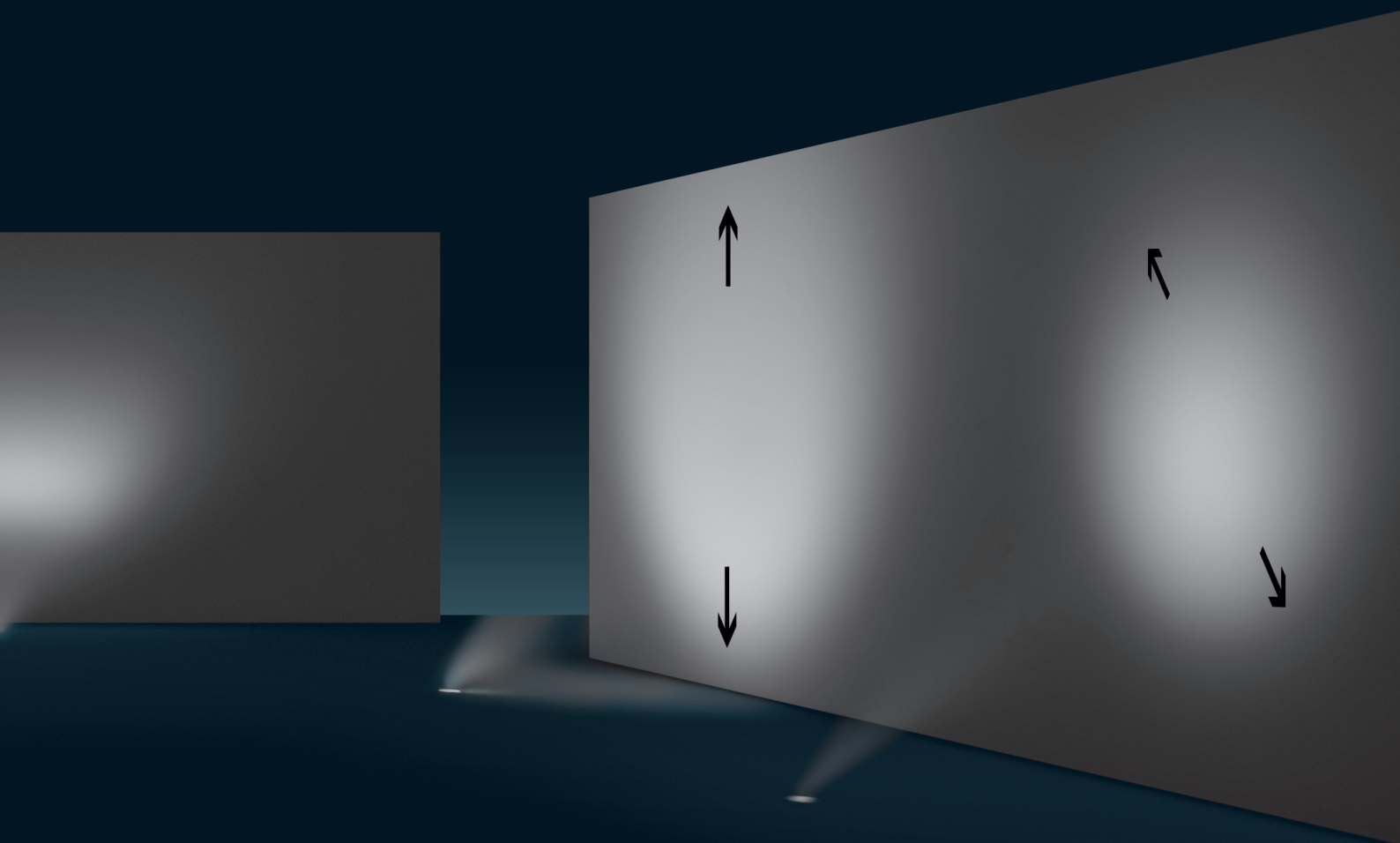


Flood 29°



Oval flood 20° x 60°





Not installed exactly according to plan?
No problem!
The light head of the Tesis directional spotlight can be rotated and swivelled on site and equipped with other lenses and accessories to enhance visual comfort.

Carefree thanks to zoom optics

The round Zoom spot and the oval Zoom oval ensure readiness for any scenario right from the start. Point the luminaire head at the object to be illuminated on site and adjust the light cone until the desired illumination is achieved. There is no more Dark Sky than that.



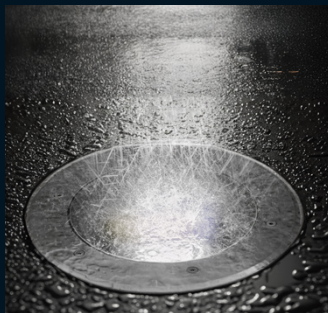
Zoom oval 20° x 70° – 75° x 60°



Zoom spot 15° – 65°

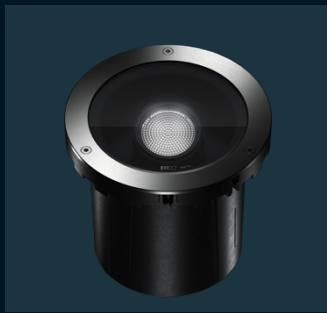
Tesis New

From very small to very large



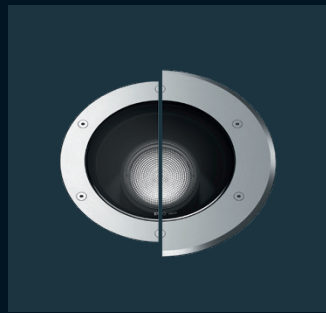
Robust and weather-proof

In snow, rain or extreme heat. Tesis in-ground luminaires with IP68 protection withstand harsh weather conditions.



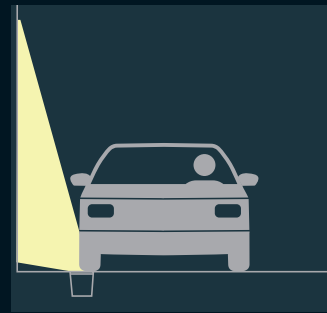
Corrosion-resistant housing

Corrosion-resistant luminaire housings made of high-quality polymer allow secure installation directly in the ground without recessed housing.



Flush or covered?

The choice is yours. For particularly minimalist designs, ERCO offers luminaires with flush mounting details.



Drive-over

Equipped with special recessed housings, most Tesis in-ground luminaires are designed to be driven over by vehicles with pneumatic tyres, supporting loads of up to 50 kN.

5 sizes

Tesis sets new standards in outdoor lighting: from delicate accentuation to wallwashing of large facades.

7

5

4

3

2

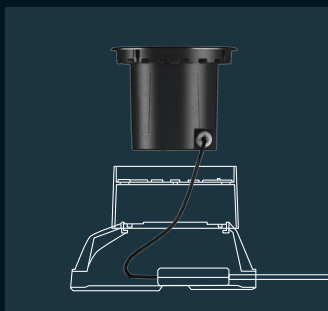




Customise to your needs

Anti-slip protective glass or semi-recessed wallwashers in a special colour - what are your requirements?

www.erco.com/individual



Simple refurbishment

The diameters of our recessed luminaires are defined according to factory standards. This ensures that new in-ground luminaires have the same outer diameters and fit seamlessly 1:1 into already installed in-ground housings.

Tesis system overview

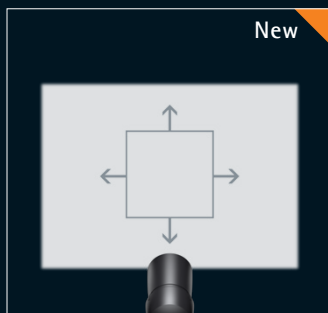
	Size 2	Size 3	Size 4	Size 5	Size 7
Diameter (mm)	56	180	209	286	324
Connected load (W)	3	7.9-9.8	6.8-19	6.8-29	15.7-38
Luminaire luminous flux (lm)	137-268	481-581	299-1119	299-1638	899-2955
Light distributions	5	2	8	8	8
Interchangeable lenses (directional spotlights)	–	–	✓	✓	✓
Flush installation	–	✓	✓	✓	✓

Beamer

New: Size L with framing and zoom optics

With innovative Darklight lenses, 12 light distributions, a variety of accessories and numerous mounting options, Beamer is the high-end lighting tool for outdoor applications. The product family is now expanded with a new size, contour projectors for sharp-edged illumination of rectangular surfaces and zoom spotlights.

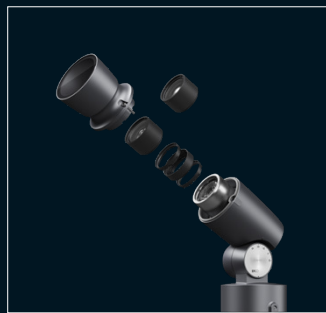




New: Size L with framing and zoom optics.



Dark Sky: Darklight lenses ensure high visual comfort and precise light beams without spill light.



Flexible: 12 light distributions, including framing – zoom, are interchangeable on-site.



Universal: Mounting plates and G 1/2 threads enable mounting on facades, poles or the ground.





Beamer for outdoor areas

Precise optics
 Light only where
 it is needed: with
 defined light
 beams and no spill
 light to preserve
 darkness.

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





Powerful light
Beamer projectors deliver up to 2614lm for long lighting distances.

The Parliament House, Stockholm.
Photography: Johan Elm

Magical light
Whether uniformly illuminating a facade or highlighting it with contrast. Beamer always offers the right light distribution for your project.

Galleria Giorgio Franchetti alla Ca' d'Oro, Venice.
Lighting design: Studio Pasetti
Photography: Marcela Schneider Ferreira



Beamer

Our projector with darklight lenses.
So darkness remains dark.

Beamer projectors in outdoor applications provide effective lighting. With different sizes, light distributions and a wide range of lumen packages, smaller objects can be illuminated just as impressively as monumental facades – even across large projection distances.

Discover Beamer projectors:

www.erco.com/beamer

S

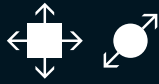
Up to
1005lm



M

Up to
1525lm





New: Framing and zoom

Whether rectangular, round or oval: Precisely align light beams on-site with the focusable contour and adjustable zoom spotlights in size L. Light is directed only where it is needed.



Outstanding glare control

The optical cut-off of up to 50° ensures maximum visual comfort, offering viewers glare-free lighting from nearly every perspective.



A magical appearance

Darklight lenses deliver highly precise light beams and create a magical ambiance. The interchangeable lenses project light from a single point, maximising visual comfort.

L

Up to
2614lm

New

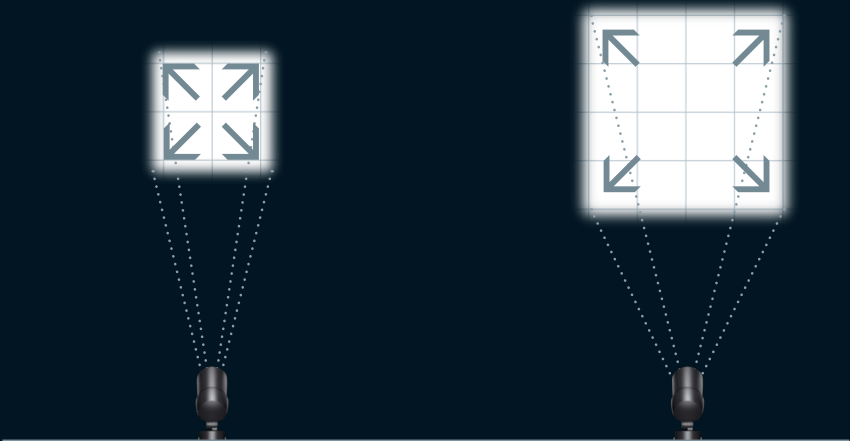


Beamer

New in size L

Contour projectors

Whether illuminating small areas from a distance (narrow framing) or large areas from close up (wide framing), whenever the light cone needs to be rectangular, Beamer contour projectors with their on-site adjustable optics are the ideal lighting tool.

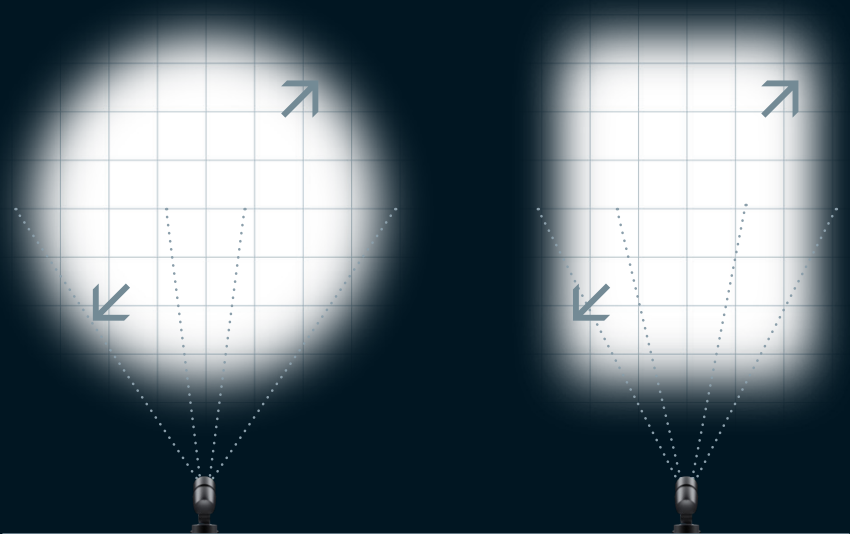


Narrow framing
Maximum diameter of 2.20m at 5m lighting distance

Wide framing
Maximum diameter of 3.52m at 5m lighting distance

Zoom projectors

For impressive accents and maximum planning reliability: Our Zoom spot and Zoom oval light distributions allow precise harmonisation of projection distance and beam angle on-site.



Zoom spot
17° - 69°

Zoom oval
65° x 27° - 69° x 65°

Always the right light distribution

Whether you want to evenly illuminate facades, highlight logos with sharp edges or accentuate sculptures with high contrast, Beamer offers 12 different light distributions to perfectly match your project.



Perfect glare control

Precise light beams without spill light, including adjustable zoom optics and contour projectors



12 light distributions

can be changed on site



Lenses and filters as accessories
for modifiable light distributions



Dynamic adjustment of light colour
with tunable white and RGBW

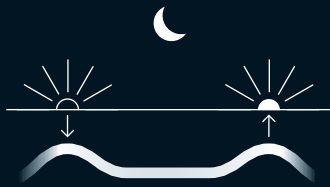
www.erco.com/beamer



Sensitive lighting

Casambi Bluetooth: Intelligent lighting control in outdoor areas

A sensitive approach to lighting is essential to preserve the darkness of the night. With precise optics and intelligent controls, ERCO luminaires ensure that light is only used when and where it is needed, and in the required intensity. Whether for facades, pavilions or parks, Casambi Bluetooth provides the ideal features for stand-alone solutions.



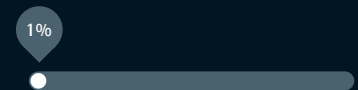
Light that manages itself effortlessly

Light that turns on automatically when it gets dark. With Casambi Bluetooth, you can control lighting scenes using the integrated astronomical clock. Once programmed, the luminaires switch on and off automatically. Gentle transitions, such as fade-ins, can also be configured.



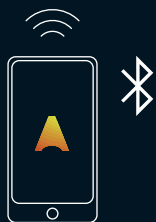
Dynamic light colours

Outdoor luminaires with tunable white provide the perfect light colour for any time of night, season or environment. Warmer colour temperatures, with a reduced blue component, are also less attractive to insects. Using Casambi Bluetooth, you can easily program light colours and transitions via your smartphone or tablet.



Only as much light as necessary

Dim ERCO outdoor luminaires down to just 1%. Controlled intuitively with a swipe on your device or automated in light scenes. This gives you complete control over brightness, helping to preserve the darkness.



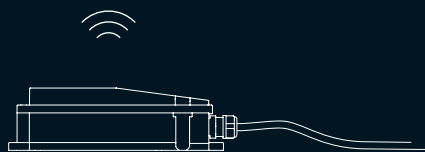
Casambi Bluetooth on-board

ERCO is expanding its range of outdoor luminaires with Casambi Bluetooth, including smaller sizes for the Kona and Lightscan spotlights.



Control DALI luminaires with Casambi Bluetooth

Whether bollards or in-ground luminaires: All DALI outdoor luminaires can also be seamlessly integrated into a Casambi Bluetooth network using gateways available as accessories. No additional hardware is required.



Casambi
DALI Gateway

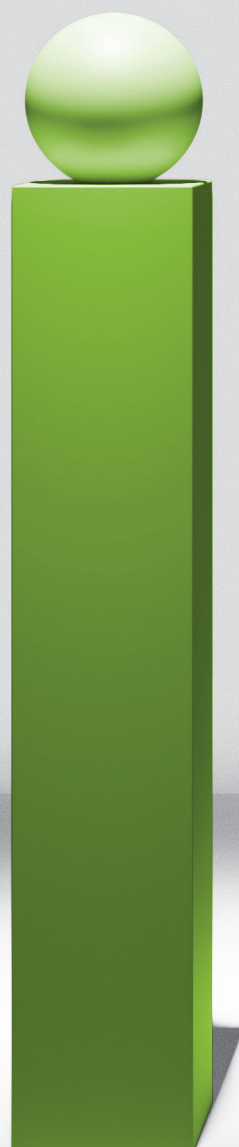


ERCO Greenology®

for sustainable lighting

Light is our contribution to improving society and architecture while simultaneously preserving our environment. ERCO Greenology as a concept combines ecological responsibility with technological expertise and represents our strategy for sustainable lighting.

www.erco.com/greenology



Our sustainability goals



The most effective lighting tools on the market

Effectiveness considers the energy balance of light in its application. The lighting technology of almost all our luminaires is based on the principle of light projection through lenses. As a result, they are up to 20% more effective than conventional luminaires with reflector technology.



Lighting Durability

We develop durable lights that meet the needs of our customers in the long term. Lighting Durability stands for our development goal, according to which all newly developed ERCO products are designed for a service life of at least 20 years.



A carbon-neutral lighting factory

With the eco-design concept of our products and comprehensive energy and environmental management in production, our goal is a carbon-neutral lighting factory. We already use 100% green electricity – and that is just one element of our strategy.



Expansion of the circular economy

We comply with the principle of circular economy in the production of our luminaires. Light housings and heat sinks made from 100% recycled aluminium are just the beginning for us. From March 2025, we will also be producing the first lenses made from 100% recycled PMMA.

* 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.

ERCO Greenology®

Step by step to more sustainability

Human Centric Lighting

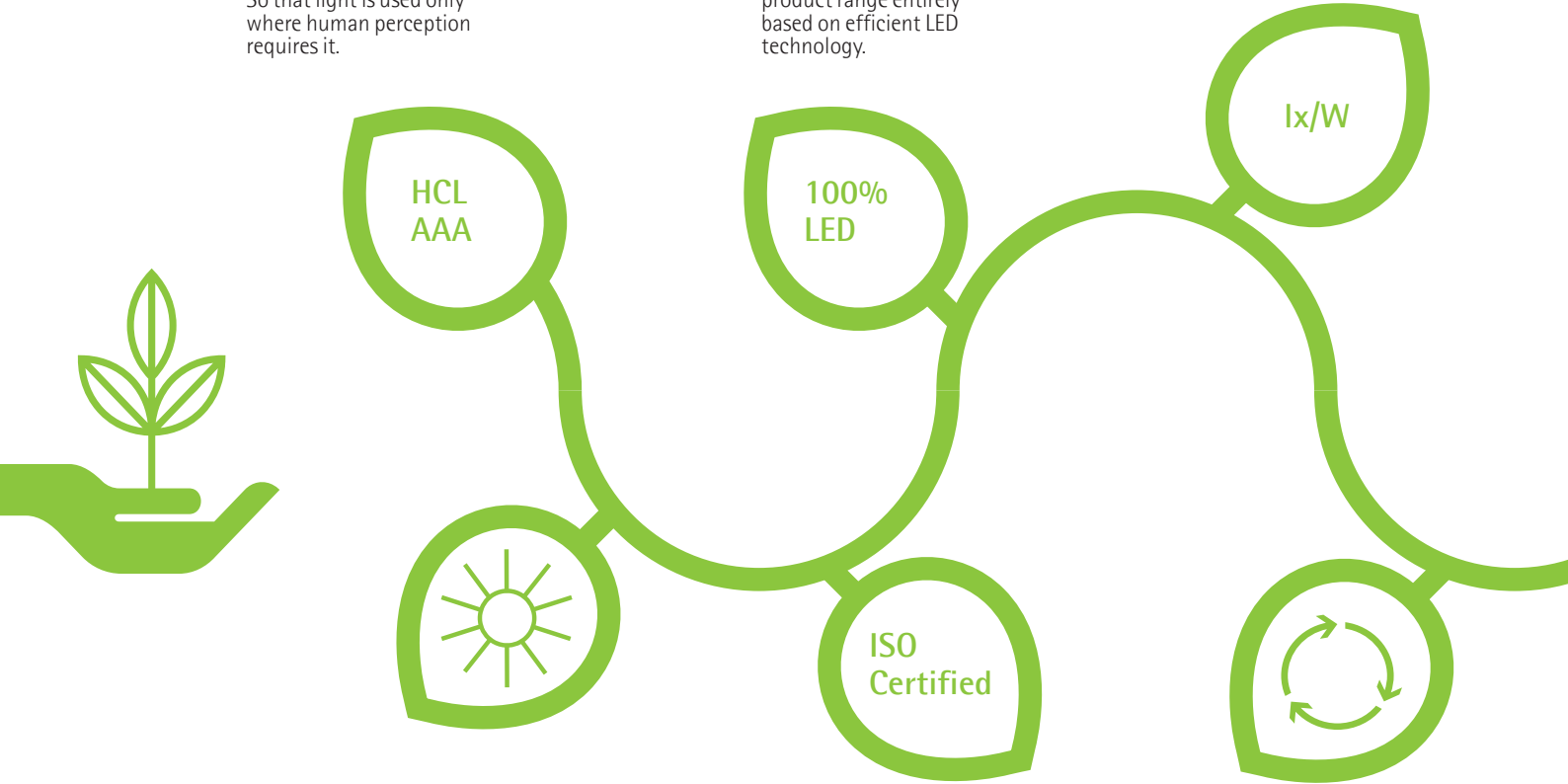
ERCO has been developing lighting tools for HCL concepts since the 1960s. So that light is used only where human perception requires it.

Conversion to 100% LED

In 2015, ERCO became the first established luminaire manufacturer to offer a product range entirely based on efficient LED technology.

The most effective lighting tools

Unlike efficiency (lm/W), effectiveness considers the energy balance of light in application. Whether accent lighting (lx/W) or ambient lighting (W/m²), our goal is to develop the most effective luminaires on the market.



Solar power from the roof of the lighting factory

Since 2007, we have been generating around 155,000kWh of electricity annually, saving approximately 54 tonnes of CO₂.

Continuous improvement

ISO 14001 certification confirms our commitment to environmental goals. By monitoring key energy figures according to ISO 50001, we analyse our processes and identify new opportunities for savings.

Expansion of the circular economy

Light housings and heat sinks made from 100% recycled aluminium are just the beginning for us. From March 2025, we will also be producing the first lenses made from 100% recycled PMMA.

EcoVadis Silver medal

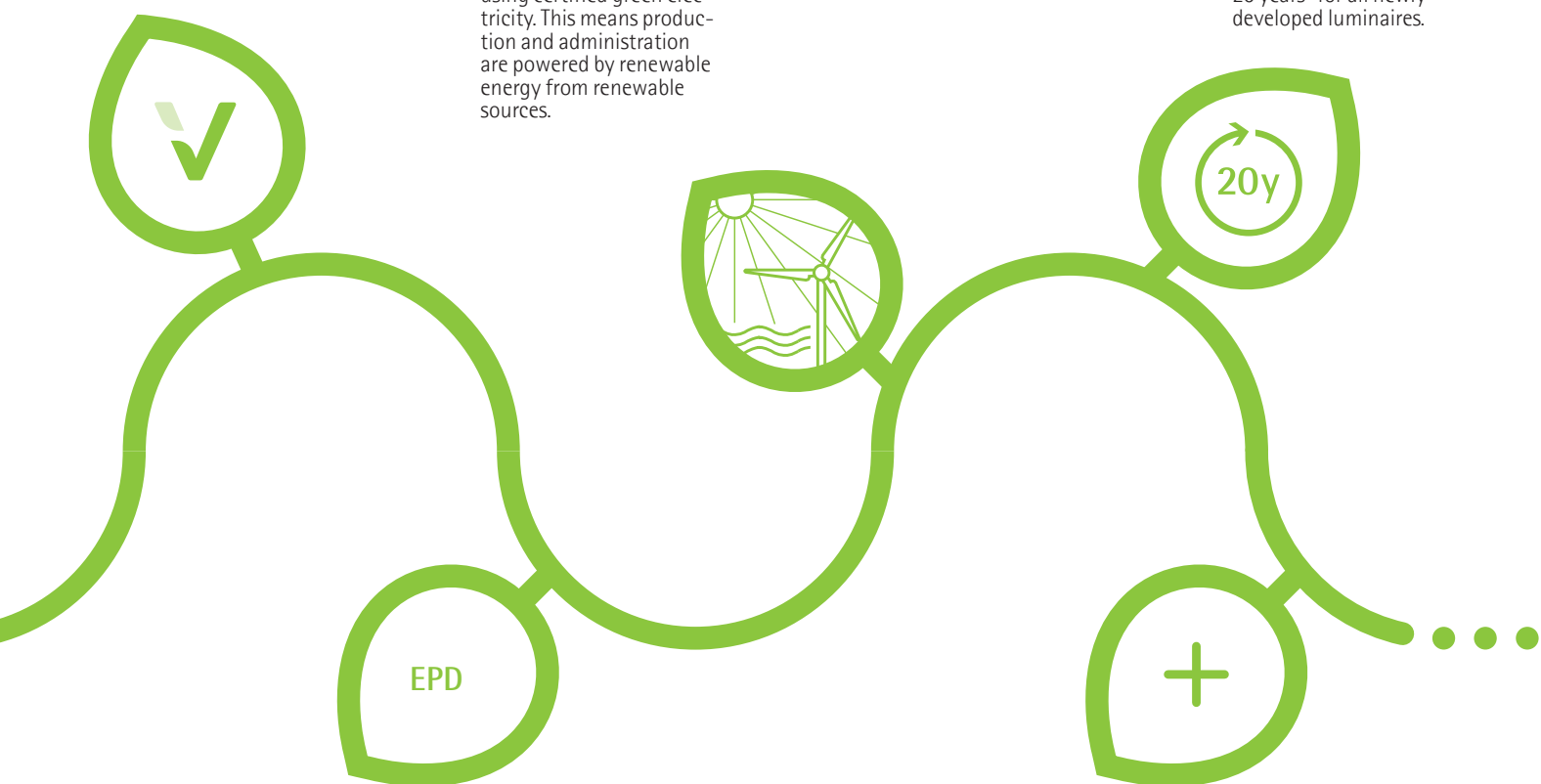
In 2024, ERCO received the EcoVadis silver medal, placing us among the top 15% of over 100,000 companies assessed. This award recognises ERCO's outstanding sustainability performance in the areas of environment, labour rights, ethics and procurement, where we exceed the industry average.

100% green electricity

Since 2022, we have been using 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 each luminaire

We provide transparent information about the life cycle assessment of our products and offer a certified EPD for each luminaire.

Future-proof

To ensure easy updates or refurbishments, new spotlights, for example, fit seamlessly into tracks installed years ago – and vice versa. We maintain this principle for recessed luminaires as well.

... and this year, we are moving even closer to achieving our sustainability goals.

* 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.



Skim Panlens

Our first downlight with a lens made from 100% recycled polymer

Recycled materials are often only used in hidden components – not in Skim Panlens. Our new lens is produced using a 100% circular process with recycled polymer, ensuring no compromise on light quality or durability. This responsible resource use reduces indirect emissions from raw materials by up to 95% and lowers the carbon footprint. Skim Panlens is the product family with the lowest global warming potential in our production.

W/m² Effective ambient lighting at 0.66W/m²/100lx

lm/W High-output downlights with >140lm/W

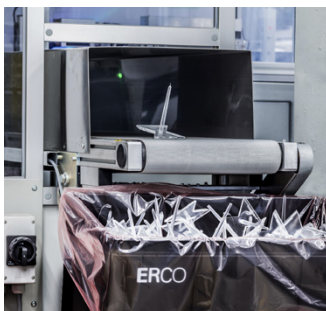


Minimalist design for recessed and surface-mounted luminaires



Attractive price-performance ratio





Lens production at ERCO
We design and manufacture our lenses in-house. Until now, we have handed over the resulting sprue parts for external re-use. Our new process ensures 100% in-house re-use.



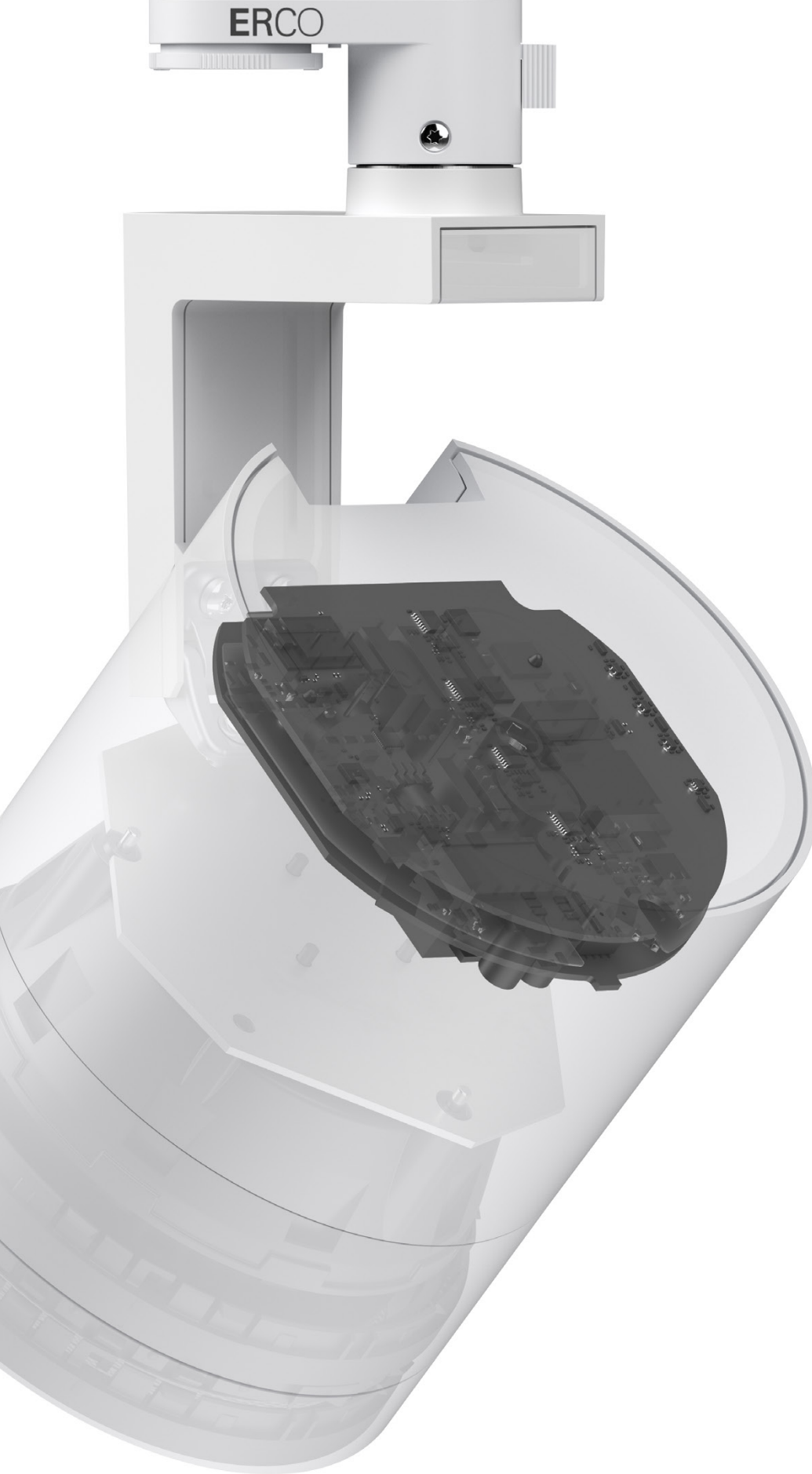
Local polymer processing
We have the material cleaned, shredded and processed into high-quality polymer granulate. We collaborate with a local company, reducing transport distances.



New lens made from 100% recycled polymer
The recycled granulate is used to produce the lens for the Skim Panlens - a significant step towards a sustainable circular economy. This responsible approach to resource utilisation reduces raw material consumption.

Wherever recessed installation is not possible, Skim Panlens can also be used as a surface-mounted luminaire.

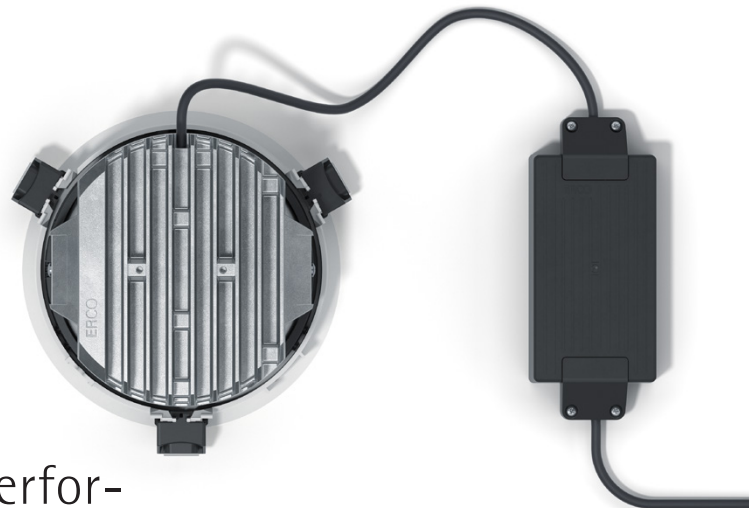




Perfect aesthetics and more light

The design of our control gear is tailored to complement various luminaire designs, allowing us to create high-performance optics in sleek, modern shapes. The new generations of control gear also support more LEDs per module, delivering increased brightness without increasing the size.

* 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.



ERCO control gear

The next generation for more performance and maximum durability



Reliable operation

Reliability is the strength of ERCO control gear. Our control gear, developed and manufactured in-house, is a cornerstone of our commitment to ensuring a service life of at least 20 years* for all newly developed luminaires.



Reading out data

The new ERCO control gear is DALI-2 certified. In addition, the implementation of up-to-date DALI standards makes it possible to read out luminaire, energy and diagnostic data.



ERCO individual

The performance data of our control gear are individually tailored to each luminaire. Thanks to our in-house production, we are also able to modify control gear specifically for your application or to implement specific control types.

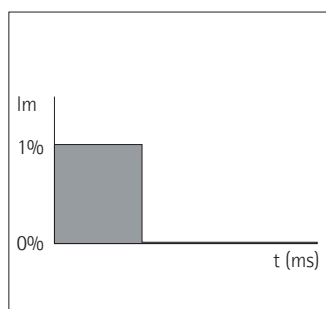


Identical colours

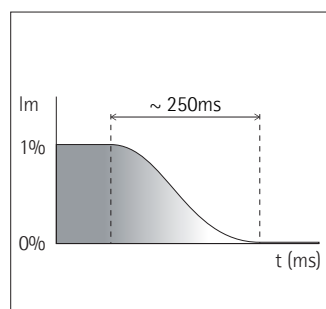
To ensure that all RGBW and tunable white luminaires always maintain the same colour location, the ERCO control gear developed for this purpose undergoes complex calibration processes. This ensures that the LED module and control gear are precisely matched during luminaire assembly.

Soft-off

Video compatible, precisely controlled and with a gentle fade-out. With our new control gear, dimming down to 1% is possible – flicker-free. To preserve the magic of dimmed light in applications like concert halls, our "fade-to-zero" technology ensures switching off with a gentle fade-out.



Standard



Fade-to-zero ("soft-off")



Ø 105mm
8.2W – 26W
443lm – 2017lm



Ø 66mm
4.5W – 15.7W
216lm – 1083lm

2 sizes for versatile use

Pollux New is the entry point into accent lighting with ERCO spotlights. Thanks to its compact format, it really comes into its own in museums, catering, retail and private homes.

Pollux New

Performance upgrade in a proven product design

- 33% more light with the same size thanks to new control gear
- Developed for long-term operation with entirely re-designed opto-electronics
- ERCO lighting quality for accent lighting with very good price-performance ratio

www.erco.com/pollux-new



lx/W

Effectiveness

Our proprietary optical system consisting of a collimator and Spherolit lens projects light precisely onto the target surface - without any scattered light. For the specific lighting task, the lx/W metric expresses the effectiveness of this system.



33% more light

Equipped with state-of-the-art components: Thanks to our new in-house manufactured control gear, an additional LED can be operated on the circuit board, increasing light output by 33% compared to previous generations.



How we save resources








Sustainable production involves using resources efficiently and responsibly. A technical update inside Pollux New spotlights allows the existing Pollux housing to be retained, allowing current tools to be re-used and resources to be optimally employed.



20 years of service life

Pollux New, developed for a minimum service life of 20 years*, offers not only exceptional light quality but also outstanding reliability. In-house developed and manufactured control gear and LED modules, combined with optimised thermal management, ensure that our spotlights deliver consistent performance for years – making them a truly cost-effective lighting solution.

Light distributions

Spotlights		Floodlights		Lens wallwashers	
	Narrow spot		Wide flood		Wallwash
	Spot		Extra wide flood		
	Flood		Oval flood		

* 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.



S

Ø 60mm
4.6W – 11.7W
85lm – 936lm



M

Ø 92mm
6.3W – 22.3W
198lm – 1873lm

Optec New

Convincingly sustainable, even in size L



20 years of service life*

Optec New was the first spotlight developed under the new ECO design specifications. With an illumination period of about ten hours per day, 20 years correspond to an operating time of 75,000 hours. The function of the luminaire is supposed to be maintained over this period. In addition to robust mechanical components, the LED module and control gear are therefore also engineered for this operating time.

lx/W

Precise lighting

Our optical system, combining a collimator and Spherolit lens, focusses light precisely on the target area without generating stray light. The effectiveness of this technology is expressed by the lx/W metric.



Made by ERCO

ERCO develops and manufactures luminaires in-house, powered by 100% certified green electricity. Compared to electricity from fossil sources, this saves some 2,218 tonnes of carbon dioxide per year.



Always adaptable

A change in light distribution, light colour, or the latest LED and control gear technology is no reason to replace Optec New spotlights. This ensures that your investment remains future-proof.

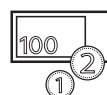
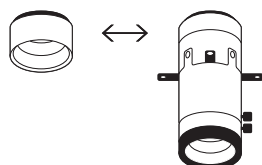
* The service life of 20 years (= about 75,000 operating hours) targeted in the development approach presumes standard use of the product, compliance with state-of-the-art maintenance intervals and, for each year of use, a period of illumination of about 10 hours per day over 365 days.



L

Ideal for use in museums, foyers and public buildings with higher rooms of up to 8m.

Ø 129mm
11.5W – 38W
241lm – 3372lm



Tool-free replacement: from accent to wall- washing

Optec lens units can be changed in the blink of an eye – allowing for flexible changing of light distributions. Also available as a contour and zoom spotlight.

Even more visual com- fort with snoots and honeycomb louvres

Model the light distribution as required with accessories such as barn doors, honeycomb louvres and snoots.

Attractive price-per- formance ratio

Optec New is the perfect entry into our product portfolio. Without compromising on ERCO lighting quality, a wide range of accessories, outstanding energy efficiency and good visual comfort.

Axis recessed spotlights

Light as if from nowhere

- Miniature recessed spotlight with a diameter of only 17mm
- Powerful accent lighting
- Rotating and swivelling luminaire heads with interchangeable lenses

www.erco.com/axis-r



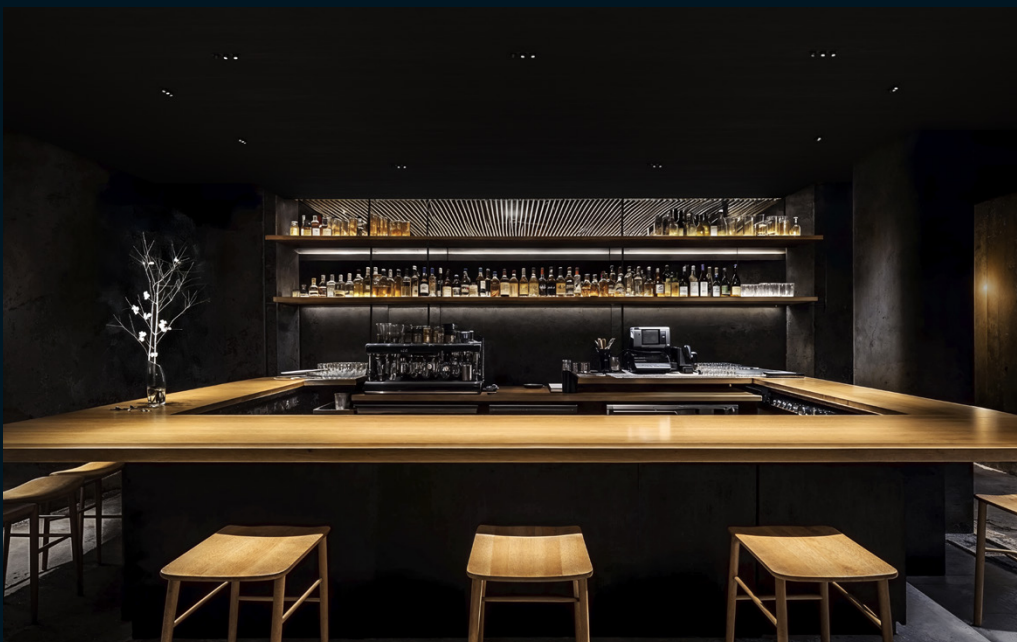


**Unobtrusive
luminaires**
With a diameter
of just 17mm,
these luminaires
blend almost
invisibly into the
ceiling.



Axis recessed spotlights

Light instead of luminaires for magical effects



Strong accents
Featuring three
interchangeable
light distribu-
tions (17° to
47°) for pinpoint
accuracy, with
additional filters
and lenses
for enhanced
options.





Perfect alignment
To ensure the light always hits the target area precisely, the luminaire heads can be rotated and swivelled.





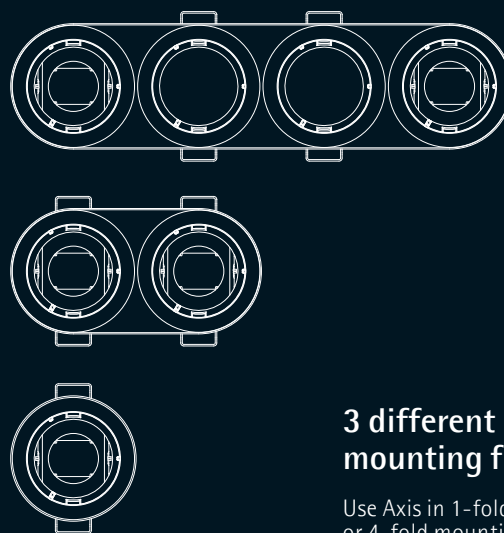
Axis recessed spotlights

Elegant and minimalist design

Scenographic lighting works best against a subdued background: Ideal for trendy bars, high-end living spaces and prestigious office environments. Creating accents with focused light does not require high illuminance levels - discreet yet precise light sources are perfect. Just like Axis recessed spotlights.

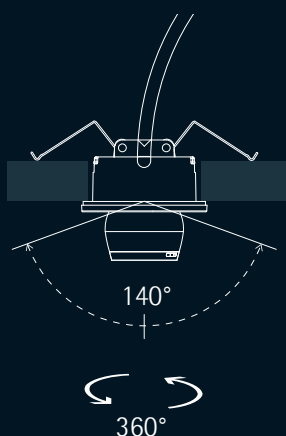
Custom colours? We can provide them.

Especially in trendy restaurants, stylish bars or exclusive boutique offices, it's all about creating a strong sense of identity. We match the colour of the installation frames and luminaire heads to the interior design materials or the corporate design.



3 different mounting frames

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



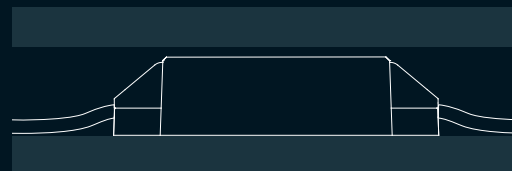
Rotating and swivelling

Light exactly where you need it. The luminaire heads can tilt up to 140° and rotate 360°.



Digital control

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

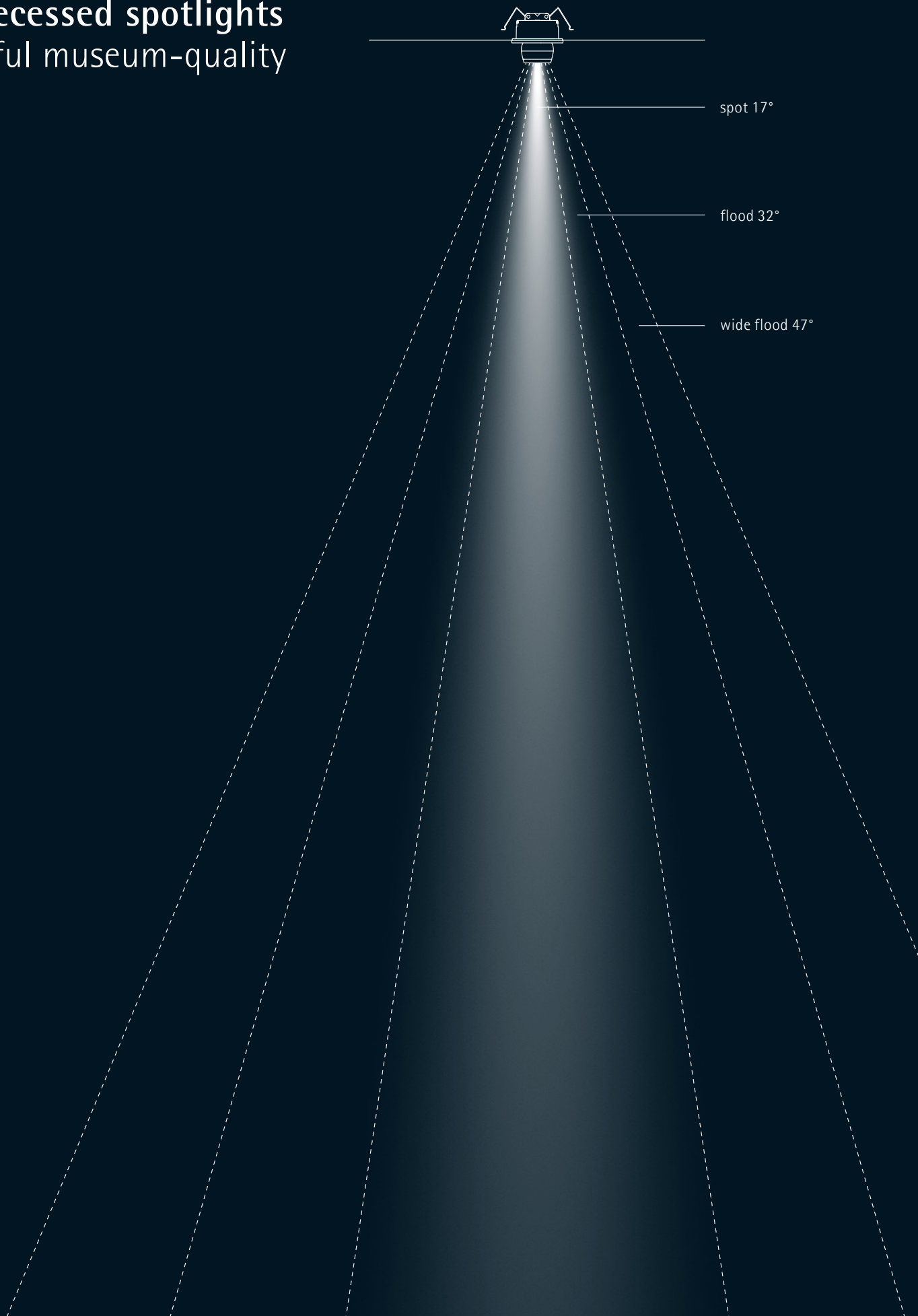


Suitable control gear units

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.

Axis recessed spotlights

Powerful museum-quality
light



Small powerhouse

Axis uses efficient lens technology to deliver light directly to the target surface, eliminating stray light. Achieve strong light accents of up to 200lx at a 2m distance.

Axis light head

I	Ø	spot (17°)
0.4m	0.12m	4956lx
0.8m	0.25m	1239lx
1.2m	0.37m	551lx
1.6m	0.49m	310lx
2.0m	0.61m	198lx

I	Ø	flood (32°)
0.4m	0.23m	1771lx
0.8m	0.47m	443lx
1.2m	0.70m	197lx
1.6m	0.93m	111lx
2.0m	1.16m	71lx

I	Ø	wide flood (47°)
0.4m	0.35m	981lx
0.8m	0.69m	245lx
1.2m	1.04m	109lx
1.6m	1.39m	61lx
2.0m	1.74m	39lx

Subject to technical changes.
For the latest photometric data,
please refer to the Axis data
sheets at www.erco.com.



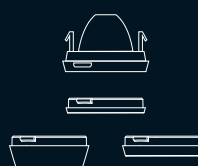
Museum-quality light

Our LEDs are extremely durable and permanently colour-true. Even after 50,000 operating hours, 90% of the LEDs maintain their initial brightness (L90/B10). Since our eyes can detect even the smallest differences in colour within light, we pay close attention to ensuring colour fidelity across luminaires. At 1.5 SDCM, ERCO LED modules maintain their light colour without any perceptible variation. A high colour rendering index of up to CRI 97 ensures that illuminated objects are reproduced with exceptional accuracy.



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 operation.



Clip-on filters and accessories

Attach various elements to the light head. Filters available as accessories allow you to precisely tailor the light spectrum to your application. Shape light distribution with the softening lens for gentle fading or the sculpture lens for oval light cones. Enhance visual comfort with matching snoots and honeycomb louvres.



Infinitely dimmable to 1%

When less is more, Axis showcases its strengths. Adjust illuminance seamlessly, enabling you to create even the most subtle lighting accents.

Tracks and singlets

48V track



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

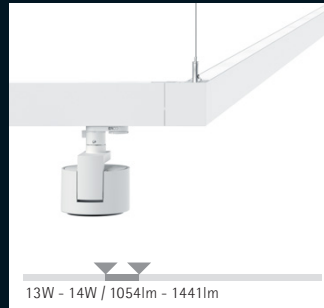


ERCO track and singlets

Low construction height

Recessed, surface-mounted or pendant mounting possible

OEM components available



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



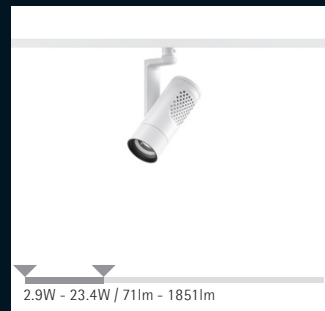
Uniscan 48V

Miniaturised luminaire with high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Shop, Living



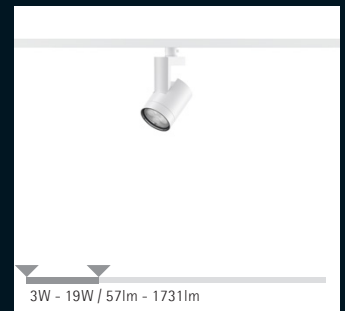
Eclipse 48V

Miniaturised luminaire with high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Shop



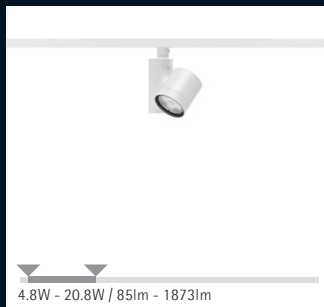
Parscan New 48V

Miniaturized luminaires with high efficiency

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Work



Optec New 48V

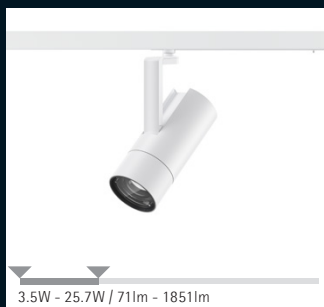
Miniaturised luminaires with high efficiency

Contour and zoom optics interchangeable and tunable white available

270° pivotable

Shop, Hospitality, Culture

Spotlights, floodlights and wallwashers for 220–240V track



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



Uniscan OnTrack

Ideal for existing phase dimmable systems

Extensive accessories

Contour and zoom optics interchangeable

Culture, Shop

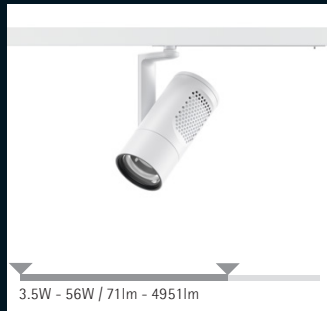


Spotlights for track

Spotlights, floodlights and wallwashers for 220–240V track



www.erco.com/spotlights



Eclipse InTrack

Five sizes and high visual comfort

Extensive accessories as well as RGBW and tunable white

Contour and zoom optics interchangeable

Culture, Community, Contemplation



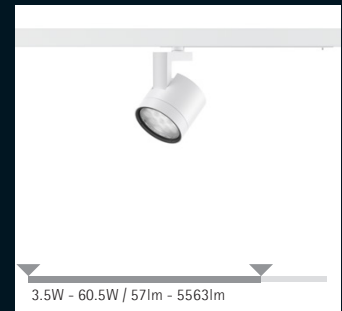
Eclipse OnTrack

Ideal for existing phase dimmable systems

Extensive accessories

Contour and zoom optics interchangeable

Culture, Community, Contemplation



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



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



Parscan

Ideal for ceiling channels and singlets

Zoom spotlights available

Elegant design due to integrated control gear

Culture, Shop

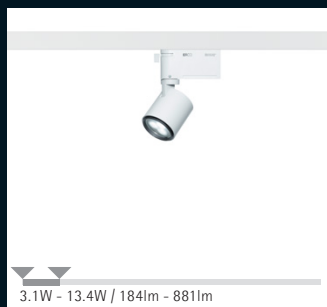


Pollux New

Two compact sizes

Attractive price-performance ratio

Culture, Community

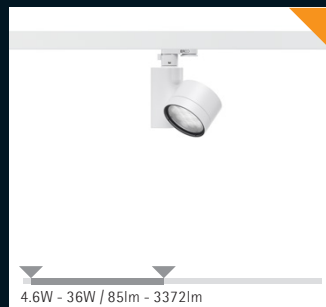


Pollux

Compact luminaire dimensions

Contour spotlights and zoom spotlights available

Culture, Hospitality



Optec New

Contour and zoom optics interchangeable

Tunable white available

270° pivotable

Culture, Community, Shop



Optec

Contour spotlights and zoom spotlights available

Pivotable through 270°

Shop, Culture

Luminaires for track

Spotlights, floodlights and wallwashers for 220–240V track



www.erco.com/spotlights



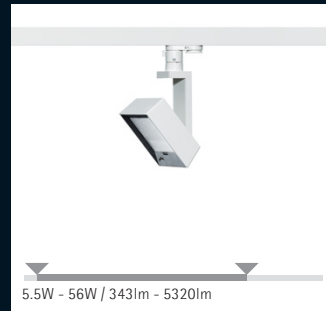
Stella

Large lumen packages for high illuminances

Ideal for high rooms

Strong accents from large distances

Community, Contemplation

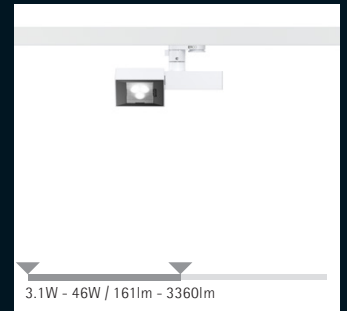


Light Board

Elegant design due to integrated control gear

Suitable for singlets

Culture, Shop



Opton

Flat luminaire design for low rooms

Two wattages per size

Shop

**Palazzo Grassi,
Venice**
Architecture:
Giorgio
Massari / Tadao
Ando Architect
& Associates.
Photography:
Marcela Schneider
Ferreira.

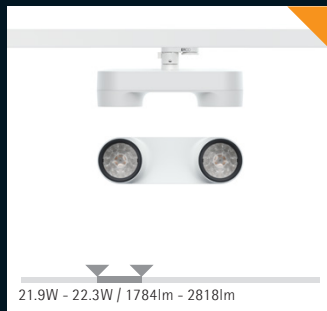


Downlights for tracks

Downlights and wallwashers
for 220–240V track



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



Iku

For efficient and flexible ambient
lighting

Interchangeable lenses

High visual comfort

Hospitality, Living, Work



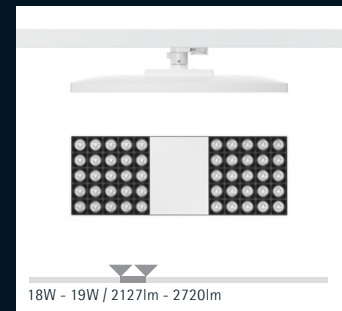
Skim

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

Three light distributions

Community, Work



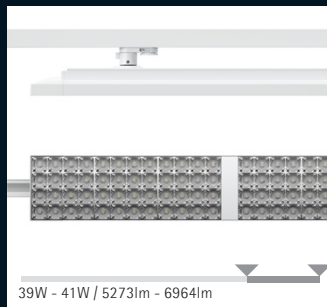
Jilly

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

High visual comfort

Work, Community



Jilly linear

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

Suitable for high rooms <5m

Work, Community



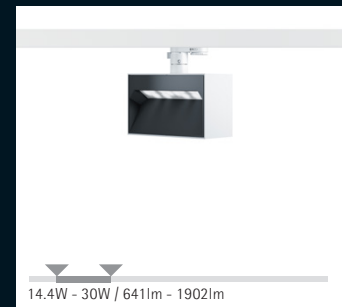
Compar

For office workstation lighting
as of UGR<16

Slidable downlights for flexible
office lighting

Five light distributions

Work, Community



Pantrac

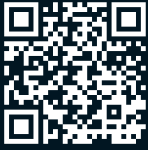
Extremely uniform wallwashing

Large luminaire spacing

Simple handling

Culture, Community

Light structures



www.ereco.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

Visualisation:
Axel Gross

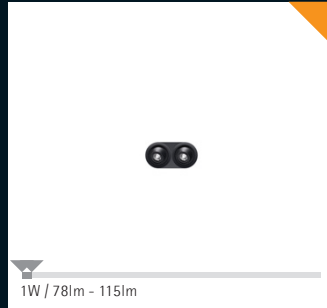


Recessed spotlights

Recessed spotlights, recessed floodlights and recessed lens wallwashers



www.ereco.com/spotlights-r



Axis

Miniaturised recessed spotlights

Pivotable through 70°

Interchangeable lenses and accessories

Hospitality, Living, Culture



Starpoint

Pivotable through 30°

Six light distributions

Small luminaire dimensions

Shop, Hospitality



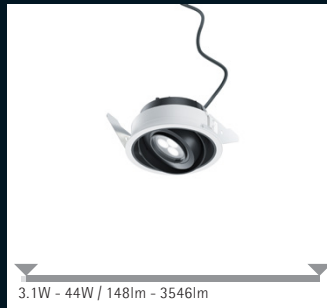
Quinta

Very high visual comfort

Eight light distributions

Extensive range of accessories and Tunable white

Culture, Community, Living



Gimbal

Pivotable through 40°

Seven light distributions

Gimbal suspension

Community, Culture, Shop



Gimbal with mounting bracket

Pivotable through 60°

Seven light distributions

Gimbal suspension

Community, Culture, Contemplation

Recessed luminaires

Downlights, wallwashers and directional spotlights



www.erco.com/downlights-r



Quintessence round

Downlight, wallwasher and directional spotlight

Very high visual comfort due to darklight technology

Culture, Community, Work



Quintessence square

Downlight, wallwasher and directional spotlight

Very high visual comfort due to darklight technology

Culture, Community, Work



Atrium double focus

Downlights and wallwashers

Ideal for very high rooms and sloping ceilings

Very high visual comfort

Community, Culture, Contemplation



Iku

Downlights, wallwashers and double wallwashers

Tunable white available

Downlights with very high efficiency >100lm/W

Community, Work, Hospitality



Iku Work

Downlights with very high efficiency >100lm/W

For office workstation lighting as of UGR<16

Work



Skim

Downlight from UGR<16 with iconic drop lens

Very good price performance ratio

Downlights with very high efficiency >100lm/W

Community, Work



Skim Panlens

Downlight with lens made of 100% PMMA recycle

Very good price performance ratio

Downlights with very high efficiency >100lm/W

Community



Recessed luminaires

Downlights, wallwashers and directional spotlights



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



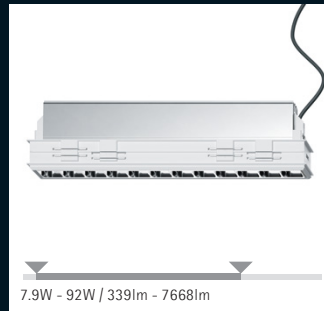
Jilly square

Downlights with low recess depth

For office workstation lighting as of UGR<16

Downlights with very high efficiency >100lm/W

Work



Compar linear

Downlights and wallwashers with extremely narrow ceiling detail

For office workstation lighting as of UGR<16

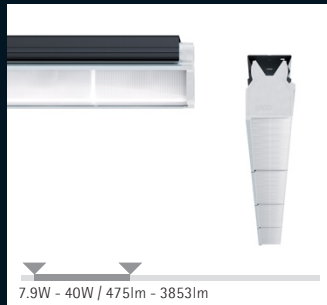
Five light distributions

Community, Work, Culture

Grazing light wallwasher



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



Lightgap

Impressively uniform grazing light

Concealed light source

Seamless luminaire configurations possible

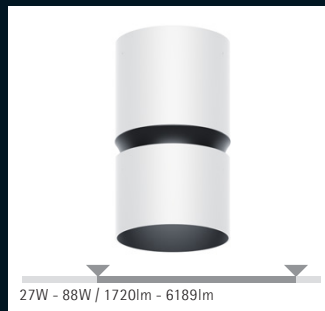
Community, Work

Surface-mounted luminaires

Surface-mounted downlights



www.erco.com/downlights-s



Atrium double focus

Ideal for high and very high rooms

Large lumen packages for high illuminances

Uniform general lighting with wide luminaire spacing

Community, Contemplation



Iku

Ideal for renovations and new buildings

Good price performance ratio

Downlights with very high efficiency >100lm/W

Community



Skim

Downlight from UGR<16 with iconic drop lens

Good price performance ratio

Downlights with very high efficiency >100lm/W

Community, Work



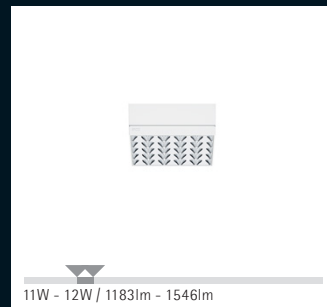
Skim Panlens

Downlight with lens made of 100% PMMA recyclate

Very good price performance ratio

Downlights with very high efficiency >100lm/W

Community



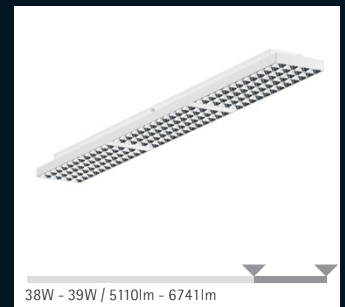
Jilly square

For office workstation lighting as of UGR<16

Downlights with very high efficiency >100lm/W

Uniform general lighting with wide luminaire spacing

Work



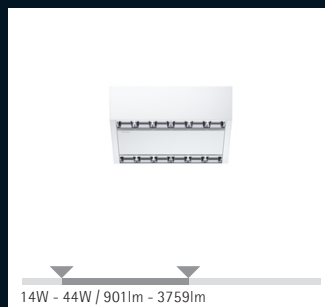
Jilly linear

For office workstation lighting as of UGR<16

Anti-glare louvre in various colours

Very high visual comfort for working

Work



Compar square

For office workstation lighting as of UGR<16

Three power ratings

Four light distributions

Work



Compar linear

For office workstation lighting as of UGR<16

Slender profile

Four light distributions

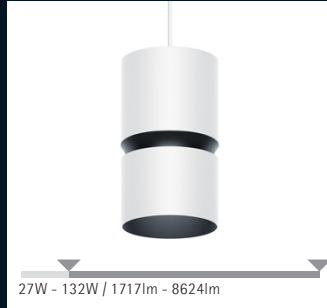
Work

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



Compar linear

For office workstation lighting as of UGR<16

Indirect lighting with tunable white available

ERCO darklight technology

Work

Task lights

Task lights



www.erco.com/task-lights



Lucy

Very high visual comfort

Touch dimmer with memory function

Rotatable through 180°

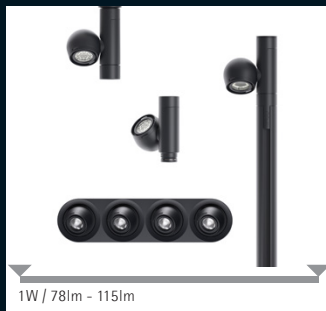
Work, Community

Showcase lighting

Showcase lighting



www.erco.com/showcase-lighting



Axis

Miniaturised showcase spotlights

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

Interchangeable lenses and accessories

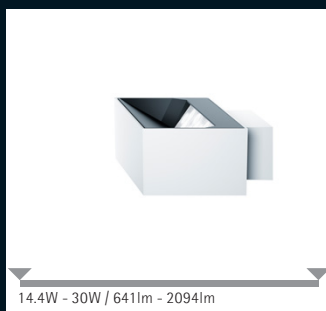
Culture, Shop, Contemplation

Wall luminaires

Ceiling washlights



www.erco.com/wall-luminaires



Pantrac

Wide and narrow light distributions available

Excellent ceiling washlighting

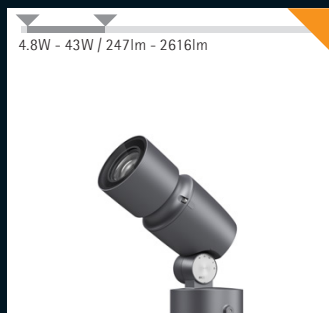
Large luminaire spacing

Community, Culture

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

Facade luminaires

Ceiling washlights and floor washlights



www.erco.com/facade



Lightscan

Ceiling washlighting

Wide and narrow light distributions available

Large luminaire spacing

Community, Culture, Contemplation



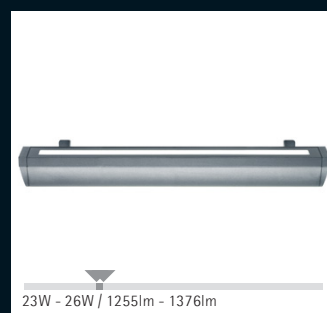
Kubus

Ground and facade lighting available

Wide and narrow light distributions available

Accessories for wall recessing available

Community, Culture, Hospitality



Focalflood

Impressive grazing light

Pivotable through 135°

Community, Culture

Bollard luminaires

Floor washlights



www.erco.com/bollards



Castor

Available with 180° or 360° light distribution

100% Dark Sky compliant

Four sizes



Kubus

Wide and narrow light distributions available

100% Dark Sky compliant

Grazing light along the luminaire

Cittadella Bridge,
Alessandria.
Architecture:
Richard Meier &
Partners Archi-
tects LLP. Interior
design: Dante O.
Benini & Partners.
Lighting design:
ENEL X. Pho-
tography: Edgar
Zippel

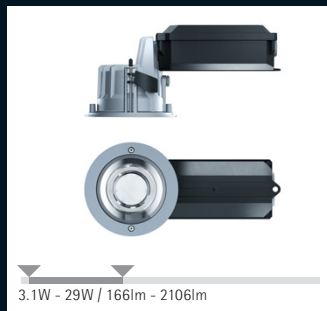


Recessed luminaires

Downlights, wallwashers and directional spotlights



www.erco.com/downlights-r-ext



Quintessence round

Downlights, wallwashers and directional spotlight

Five light distributions

Very high visual comfort

Community, Public, Culture



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



Iku

Downlights and wallwashers

Tunable white available

High visual comfort

Community



Lightscan

Downlights in three sizes

Large lumen packages for high illuminances

Flat luminaire design

Community, Culture

In-ground luminaires

Wallwashers, uplights and directional spotlights



www.erco.com/ground-luminaires-ext



Tesis New

Pivotable directional spotlights for accent lighting

Wallwasher for near and far wall distances

Interchangeable lenses

Community, Public, Culture



Tesis

Pivotable directional spotlights for accent lighting

High uniformity with wallwashing

Six light distributions

Community, Public, Culture



Site

Impressive grazing light

Very high visual comfort

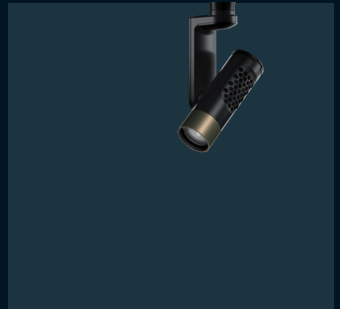
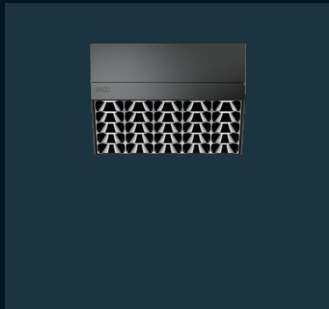
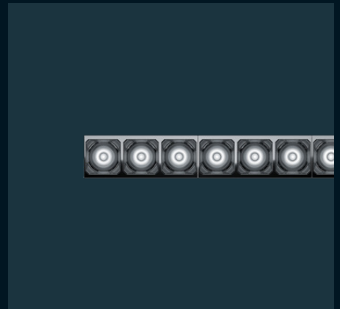
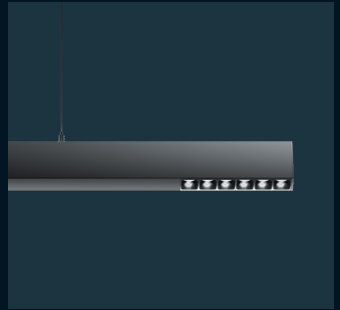
Large luminaire spacing

Community, Public, Culture

Gyeongbokgung Palace, Seoul
Lighting design:
bitzro & partners,
Seoul. Photography:
Jackie Chan.



Light is the fourth dimension
of architecture



ERCO

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English 03/2025

