

Four points which make light planning with ERCO even simpler



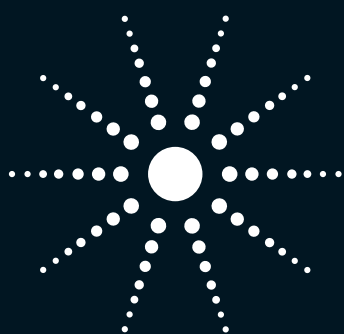
Digitally plan light

Complete planning information, new features for selecting products and comprehensive knowledge modules make [erco.com](https://www.erco.com) a key planning instrument for architectural lighting. How our digital tools support your workflow: from p. 14.



ERCO individual

ERCO offers project-specific lighting tools to suit your requirements. Are you looking for individual mounting solutions, another LED or a specific housing colour? Simply contact us! p. 20.



Wide range of technology

ERCO develops lighting tools for specific applications. The product ranges are based on a system concept, allowing you to easily choose the ideal technology for your project irrespective of the luminaire design. There is an overview of product solutions and LED technologies from p. 22.



Product innovations

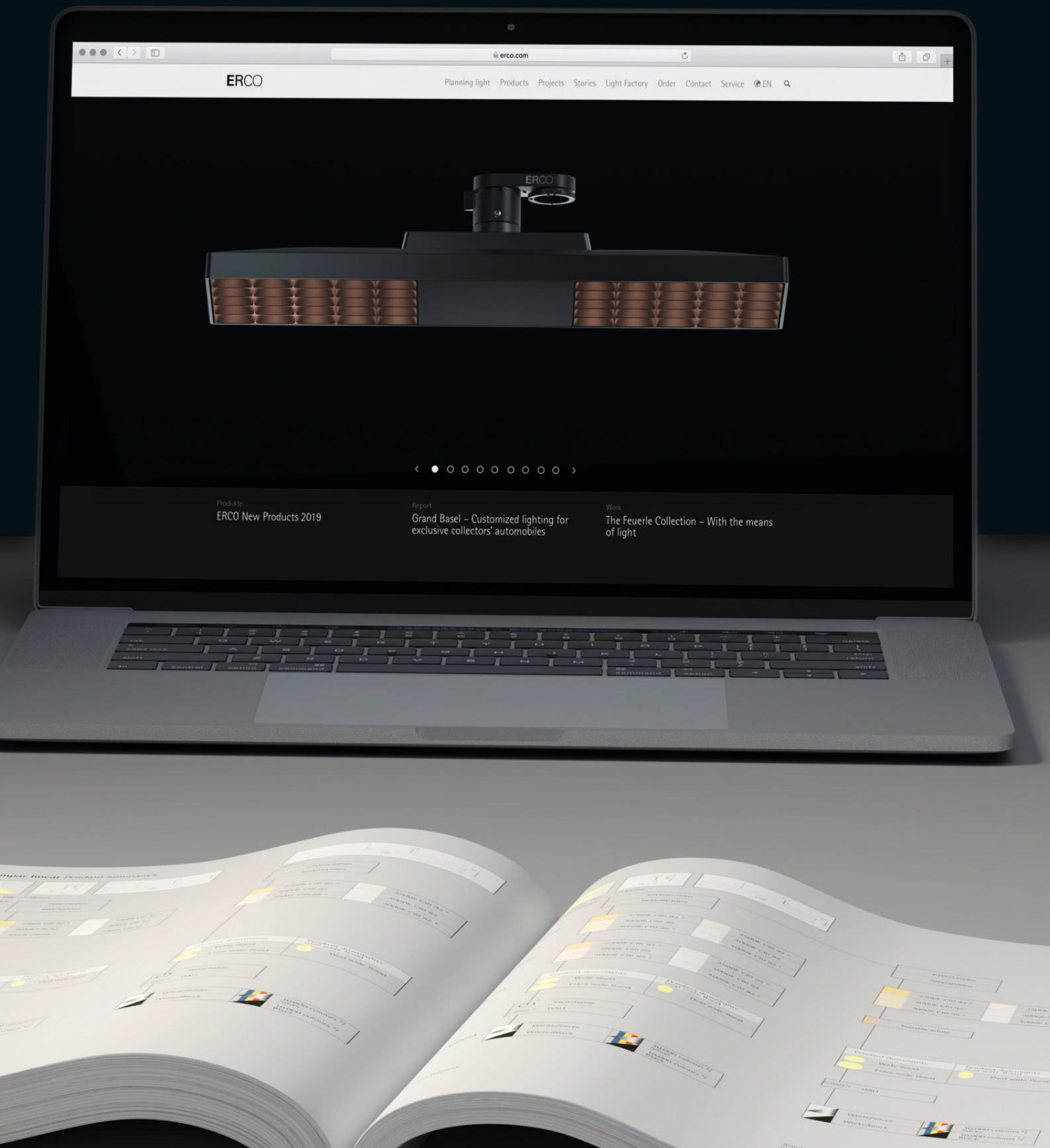
A new range of luminaires for creative offices, adjustable light distributions for museum lighting and radio control for intuitive operation – our innovations are characterised by their consistent suitability for the respective application. There is an overview from page p. 26.

Digitally plan light – erco.com

- ✓ 100% scope of information
- ✓ Planning data in 7 languages
- ✓ Available everywhere 24/7
- ✓ Intuitive product configuration
- ✓ Comprehensive product and light know-how
- ✓ Direct contact possibilities for product and offer requests
- ✓ Extended range of light colours



What does your workflow look like?
#ercodigital



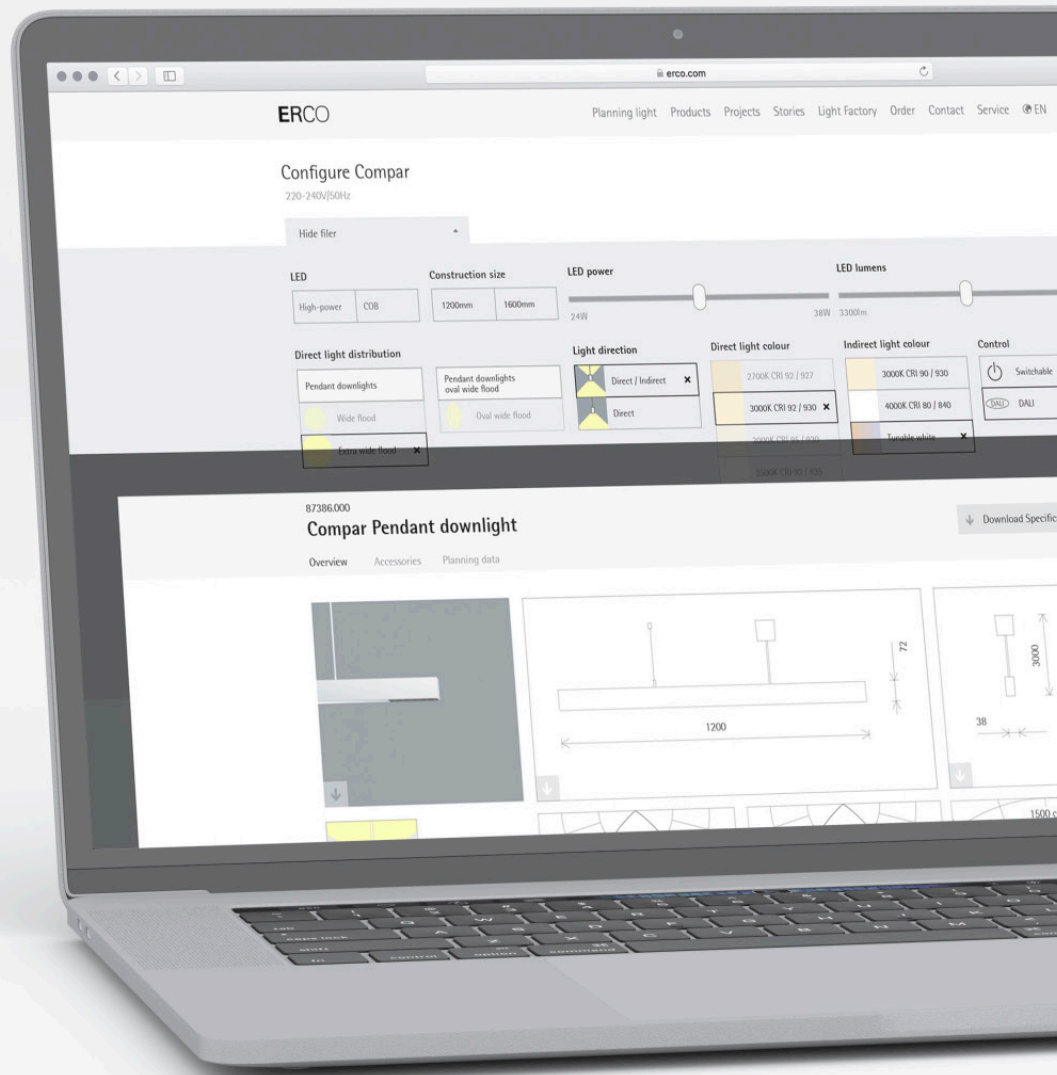
Useful and efficient – new features at erco.com

➤ Configure with 6 clicks

The new article filter offers an intuitive selection of articles through product characteristics.

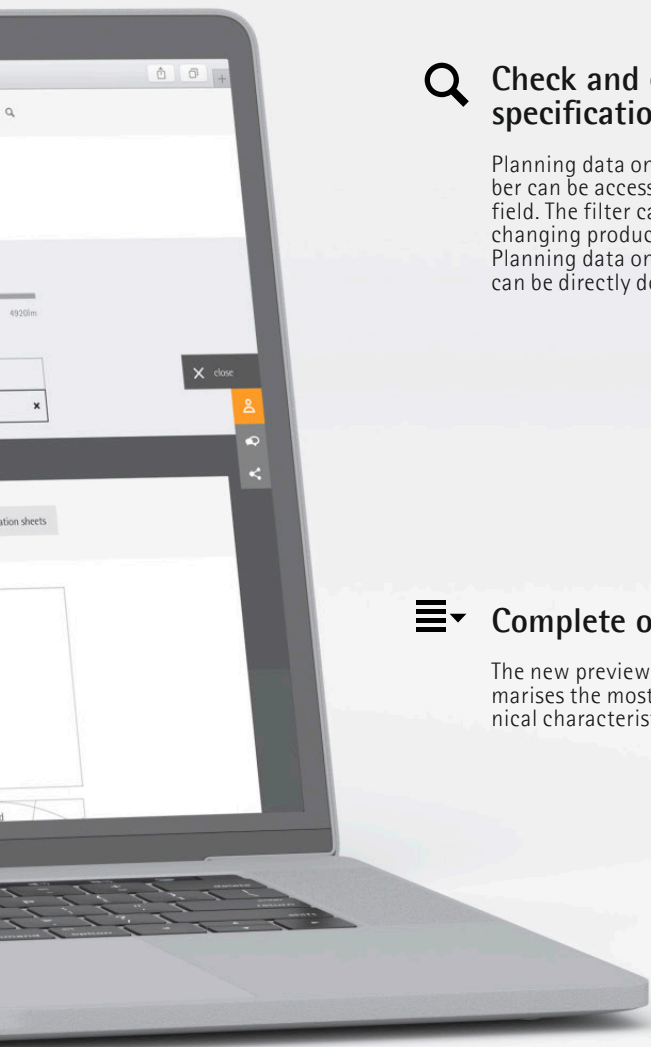
✱ Special luminaires upon request

"ERCO individual" offers a wide variety of light spectra and housing colours. Directly communicate your product requirements via our website.



We are continually working on optimally integrating erco.com into the digital planning process. Apart from inspiring project reports and comprehensive light know-how, this particularly applies to the product search and specification as well as the administration and division of articles.

Furthermore, direct contact possibilities on the website and our service myERCO offer you the option of making direct contact with your local representative and requesting specific offers for your project.



Check and change specification

Planning data on an article number can be accessed via the search field. The filter can be used for changing product characteristics. Planning data on the new article can be directly downloaded.

Complete overview

The new preview of articles summarises the most important technical characteristics of an article.

Create project

Create article lists online, download them and request specific offers – everything possible with myERCO.

Contact us!

Do you have any questions about our products or services? Get in touch with your local regional contact.

Share information!

Product information, planning tips, project images – directly share relevant information with your colleagues by email or via social media in your network.

What does your ideal tool look like?
#ercodigital

Networked planning media for a lean workflow

Our website erco.com supports your light planning in all planning phases. Different tools assist in quickly finding the relevant information in the very varied product range. For instance, you configure the right luminair intuitively via newly designed article filters. We have also included the relevant product characteristics for the configuration in our new compact catalogue.

As an alternative for article number tables the new overview shows all variants of a product family, and is thus the perfect orientation at the beginning of a project. Continue to seamlessly plan from here:

- on the desktop PC via short URL
- mobile via QR code

The new ERCO Program – orientation help in early planning phases

- ✓ All variants at a glance – new overview of characteristics for every family
- ✓ Application examples
- ✓ Planning aids



erco.com – plan 100% digitally, from the first idea to implementation

- ✓ Complete article number-related planning data
- ✓ Numerous application examples
- ✓ Detailed planning aids
- ✓ Intuitive product configuration
- ✓ Direct offer request possible



What does your workflow look like?

#ercodigital



ERCO individual

Lighting tools to suit your requirements

We offer you extensive options for individualising standard products in the form of "ERCO individual", as well as providing support for the development of sophisticated special luminaires. Our service for your project includes:

- decades of experience in developing special luminaires
- local contact persons
- intensive consultation
- well-founded approaches for finding solutions
- quick prototyping
- reliable planning documents
- series-quality special luminaires



- ✓ Additional spectra and light colours, such as 2700K CRI 92, 3000K CRI 95, 3500K CRI 92 or 4000K CRI 92
- ✓ Alternative LEDs, for instance Chip-on-Board LEDs with own-developed photometrics
- ✓ More than 10,000 additional housing colours in RAL and NCS colour systems as well as the individual measurement of colour samples

- ✓ Individual mounting solutions, for example other track adapters or individual clamps and holders
- ✓ Plug systems pre-assembled for quick wiring, for example with Wieland or Wago connections
- ✓ Extended control possibilities, for example Bluetooth via Casambi, Lutron or DMX

Do you have any further requirements?
Simply contact us!

www.erco.com/individual

Wide range of technology – lighting tools for specific applications.

These new lighting tools solve your lighting tasks

Work

Are you looking for downlights that you can move in the ceiling?



Culture

Do you need spotlights with adjustable light distribution?



Track downlights for office lighting compliant with standards

Track downlights unite the visual comfort of recessed ceiling luminaires with the flexibility of spotlights. You will find suitable tools in the following families:

- Jilly
- Skim
- Compar

For further lighting tools for illuminating offices and management buildings see: www.erco.com/work

Zoom spotlights for an impressive display

Zoom spotlights provide infinitely adjustable beam angles: as zoom spot from 15° to 65° and zoom oval from 19° x 71° to 74° x 60° they always optimally illuminate art. You will find zoom spotlights in the following families:

- Optec
- Pollux
- Parscan
- Oseris

Additional lighting tools for lighting in museums and galleries: www.erco.com/culture

Shop

Do you want attractive and economic shop lighting?



COB LED technology for unique presentation of goods

Light distributions and light colours optimised for shops for an attractive price-performance ratio. This requirement ERCO combines in the product ranges with Chip-on-Board LED technology (COB LED). This technology is already implemented in the following families:

- Optec
- Gimbal
- Quintessence Pinhole

Additional lighting tools for lighting worlds of shopping: www.erco.com/shop

Community

Do you want to mount your luminaires at a height of 10m?



Lens technology for efficient lighting in public buildings

General lighting, wallwashing and accentuation from great heights are the special disciplines of ERCO luminaires for lighting in public buildings. You will find suitable photometrics in the following families amongst others:

- Stella
- Atrium double focus
- Kona

Additional lighting tools for lighting public buildings: www.erco.com/community

Broad range of technology – new light colours and types of LED at ERCO

Choose the suitable light colour for your application



Work
Focussed work and constructive meetings require an attentive spirit. Neutral white light colours have an energising effect and support us in everyday challenges.



Culture
We are enthralled by art and cultural treasures. For effective presentations we recommend warm to neutral white light colours. High colour rendition provides a genuine art experience.



Shop
Showcasing goods is important, especially where we make emotional decisions. Warm white light colours are suitable for materials with warm tones. Neutral white light brings out the best in technical products.



Community
Good orientation and an inviting atmosphere are in the foreground when we enter public buildings. Warm to neutral light colours create a clear overview.

- 4000K CRI 82
- 4000K CRI 92

- 3000K CRI 92
- 3000K CRI 95
- 3500K CRI 92
- 4000K CRI 92

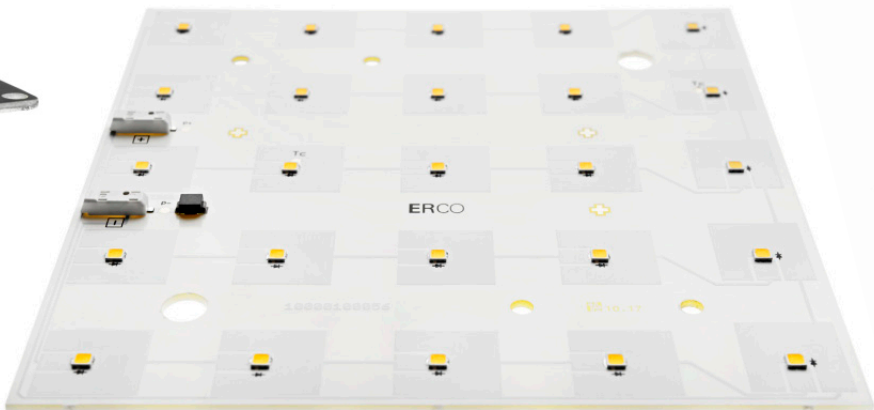
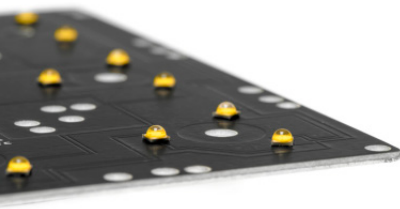
- 3000K CRI 92
- 3500K CRI 92
- 4000K CRI 92
- Fashion

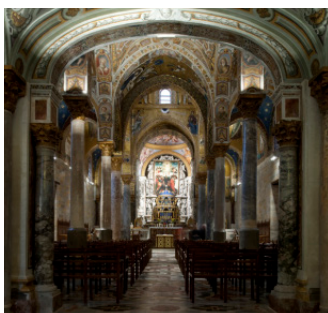
- 3000K CRI 82
- 3000K CRI 92
- 4000K CRI 82

Overview of LED types and light colours

	High-power LED	Mid-power LED	Chip-on-Board LED
Luminous efficacy max.	138lm/W	156lm/W	149lm/W
Lumen maintenance	L90/B10 for 50,000 h	L80/B50 for 50,000 h	L80/B50 for 50,000 h
Light colours	<ul style="list-style-type: none">2700K CRI 92*3000K CRI 923000K CRI 95*3500K CRI 92*4000K CRI 824000K CRI 92*	<ul style="list-style-type: none">2700K CRI 92*3000K CRI 823000K CRI 92*3500K CRI 92*4000K CRI 824000K CRI 92*	<ul style="list-style-type: none">2700K CRI 822700K CRI 923000K CRI 823000K CRI 923500K CRI 924000K CRI 824000K CRI 923000K CRI 92 Fashion

* available on request





Contemplation

Sacred buildings are unique. The choice of light colour therefore depends on the respective architecture and the required scenographic effect.

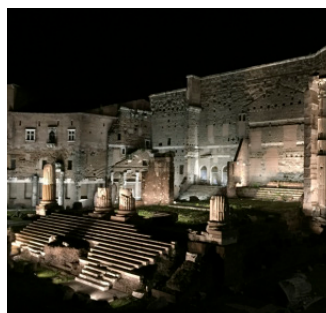
-  3000K CRI 92
-  3500K CRI 92
-  4000K CRI 92



Living



Our own four walls stand for cosiness and wellbeing. Warm white colours support this.

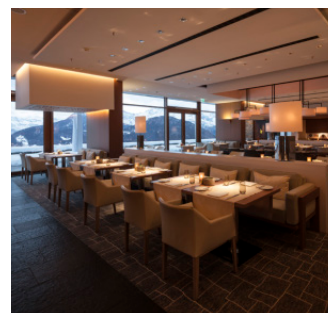
-  2700K CRI 92
-  3000K CRI 92
-  3500K CRI 92



Public

In public places we want to feel safe and receive good orientation. Warm to neutral white light colours fulfil this task.

-  3000K CRI 92
-  4000K CRI 82



Hospitality

In places where we meet socially and where it needs to be comfortable, we recommend warm white light colours with high colour rendition.

-  2700K CRI 92
-  3000K CRI 92
-  3500K CRI 92



Luminaires with high-power LEDs

Luminaires with high-power LEDs, for instance spotlights, downlights and projectors, excel through their lighting precision, differentiated light distributions and longevity.

Typical applications are:

- Culture
- Community
- Contemplation
- Public



Luminaires with mid-power LEDs

Thanks to their low luminance, mid-power LEDs enable luminaires with large lens apertures. They are efficient, provide high visual comfort and fulfil all requirements for workplace lighting in conformance with standards. Such downlights, downlights for tracks and pendant luminaires are therefore particularly suitable for:

- Work
- Community



Luminaires with COB LED

Luminaires with COB LED technology provide great creative scope for designers in choosing the right spectrum, for example for the presentation of a variety of goods or the atmospheric design of a room. Spotlights and recessed spotlights with Chip-on-Board LEDs are therefore ideal for:

- Shop
- Living
- Hospitality

Precise colour consistency

ERCO LED modules with high-power and mid-power LEDs show very good colour consistency and achieve the outstanding typical initial value of SDCM ≤ 1.5 .

If you can't find your required spectrum here, you are welcome to contact us:

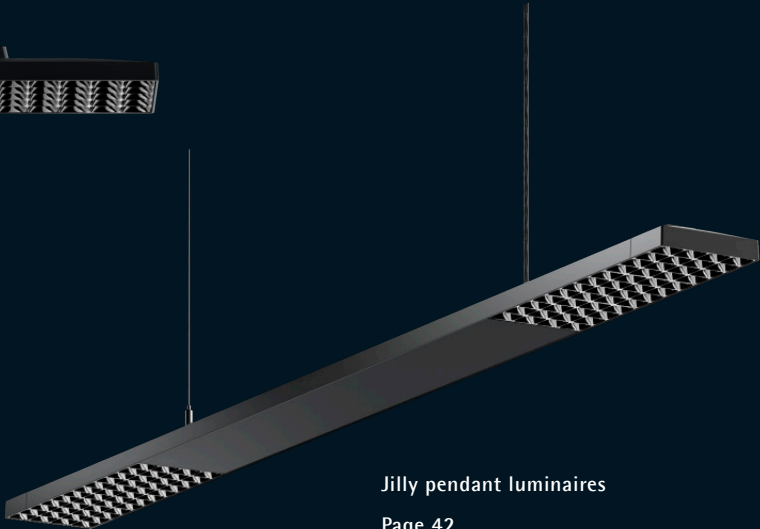
www.erco.com/individual

Innovations indoors and outdoors

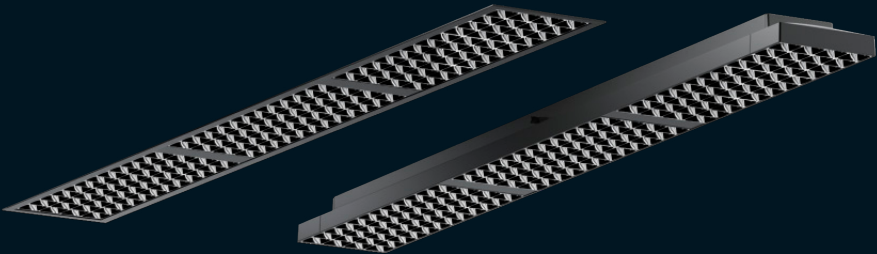
ERCO's diverse innovations are designed to provide lighting designers with the very best lighting tools for perception-orientated architectural lighting. The combination of effective lighting technology, efficient LEDs and intelligent controllability characterises the product families for the specific applications: Jilly for illuminating office workplaces, Compar as an extensive range for high-quality architectural lighting, Atrium double focus luminaires for illumination from large heights and zoom spotlights for flexible museum lighting.



Jilly for track
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Jilly pendant luminaires
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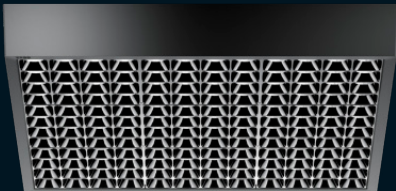


Jilly linear
Recessed and surface-mounted luminaires
Page 40

Jilly
Jilly offers perfect visual comfort for office workplaces. With luminaires for track, recessed, surface-mounted and pendant luminaires, Jilly is a highly extensive range of luminaires. Their lighting technology has been specifically optimised for visual tasks in office environments. As a result, Jilly meets all requirements for illuminating office workplaces. Pendant luminaires also feature an indirect component with tunable white for dynamic office lighting.



Jilly square
Recessed and surface-mounted luminaires
Page 38

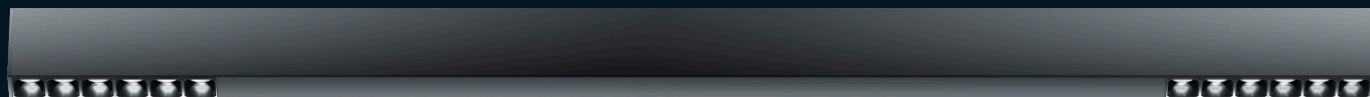


Compar downlights and double wallwashers for track

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Structure of the Compar family
Compar, with luminaires for track and surface-mounted luminaires, is being expanded to offer a very comprehensive product range for office applications, public buildings and cultural institutions. All Compar luminaires use the optical system consisting of collimator and anti-dazzle louvre. With its small light emission aperture, Compar positions itself as a high-performance luminaire family for prestigious architectural projects.



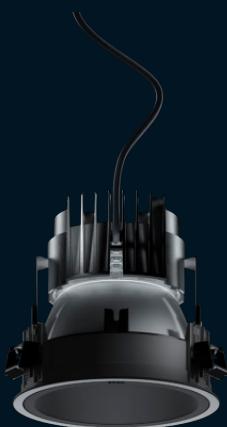
Compar linear surface-mounted luminaires

Page 48

Atrium double focus

Illumination from large heights is achieved perfectly with Atrium double focus. Luminous flux and light distribution of the recessed, surface-mounted and pendant luminaires are specially designed for high rooms and provide prestigious light in atria, foyers and event halls. The uplight in the pendant luminaires also brightens the ceiling.

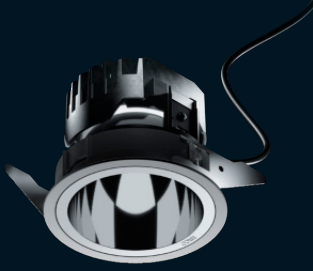
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Quintessence Pinhole recessed luminaires

Accenting with an almost invisible light emission aperture – made possible with the new Quintessence Pinhole recessed luminaires. The luminaire blends elegantly into the ceiling layout of shops and embodies the philosophy of "light instead of luminaires".

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Quintessence tunable white

Thanks to tunable white technology, the light colour of Quintessence downlights can be adjusted to match the sequence of daylight within a range of 2700K to 6500K. This dynamic supports lighting concepts such as Human Centric Lighting.

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ERCO ceiling channel system

The ERCO ceiling channel system structures rooms and creates a clean ceiling appearance. The diversely configurable infrastructure provides new options for elegantly integrating shop lighting into the architecture.

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1200 luminaires with chip-on-board LED

The new luminaires with chip-on-board LED technology have eight different spectra for economical retail lighting. Luminaires for track, recessed spotlights and directional spotlights are available with this technology.

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Bluetooth-enabled luminaires

Professional lighting tools can now be controlled simply and intuitively via radio. Via Casambi, Bluetooth-enabled luminaires from ERCO can be individually switched, dimmed and integrated into light scenes. Only a smartphone or tablet with the free Casambi app are needed for setup and operation.

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Zoom spotlights

A completely new range of freedom for flexible museum and shop lighting is created with zoom spotlights. The optic enables a continuously adjustable beam angle. Rotationally symmetric light distribution is available with zoom from spot to wide flood. An axially symmetric variant allows adjustment of the oval light distribution according to the room situation. This means a range of lighting tasks can be performed with just one lighting tool.

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Small construction sizes for Lightscan and Kona

ERCO has added two smaller designs to the Lightscan and Kona ranges, providing even greater design flexibility with outdoor lighting. Lighting designers can now select between lumen packages from 210 to 13,000.

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Castor bollard luminaires as short versions

Castor is now also available with a height of 500mm for mounting bollard luminaires on low walls along paths. High visual comfort as well as compliance to Dark Sky requirements are of course still typical of Castor bollard luminaires.

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Safety class II for Castor bollard luminaires, Site and Tesis in-ground luminaires

In Castor, Site and Tesis outdoor luminaires, live components are provided with additional protective insulation and meet the requirements for safety class II.

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ERCO innovations 2019 Zoom spotlights

Zoom spotlights

ERCO zoom spotlights feature continuously adjustable beam angles. In addition to rotationally symmetric light distribution with the zoom range spot (15°) to wide flood (65°), this innovative technology also enables an axially symmetric version with oval light distribution.

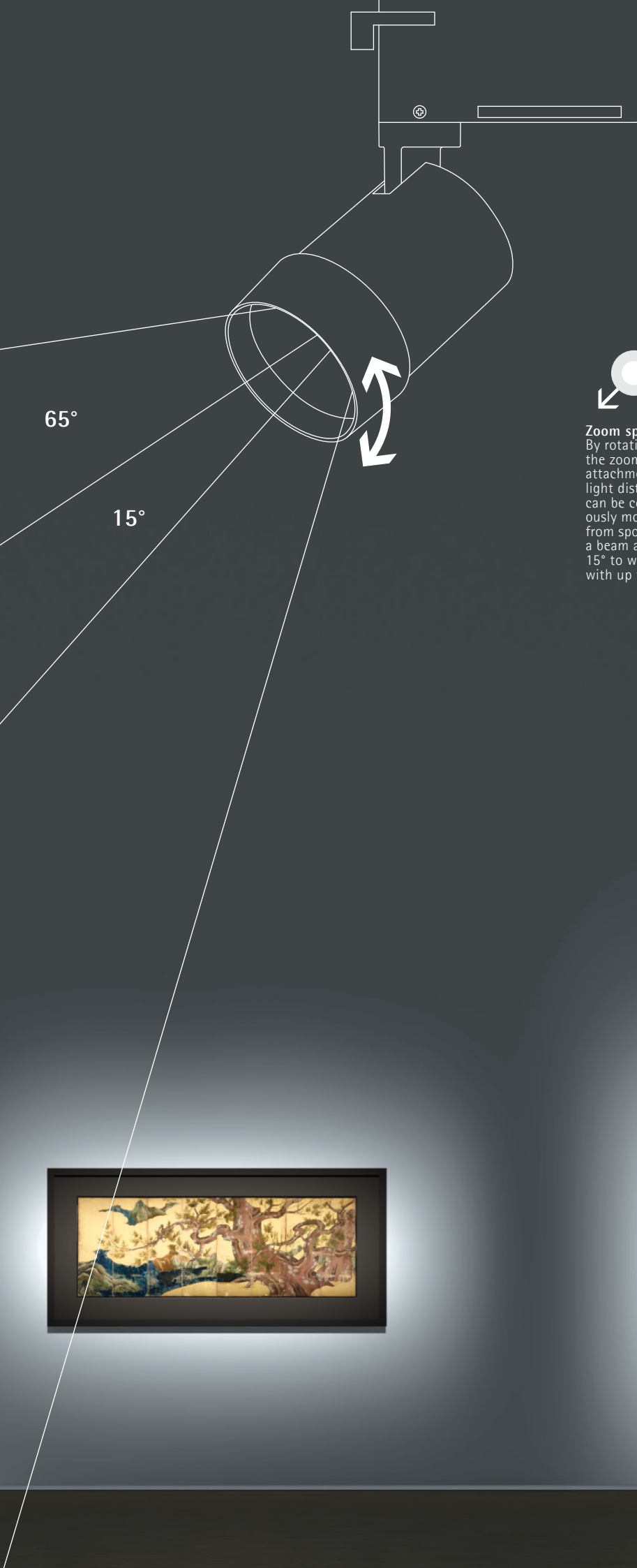
Maximum efficiency

The in-house developed Spherolit lenses focus the light beam without loss when zooming from wide flood to spot. This increases illuminance with spot distribution to more than ten times and offers ideal conditions for impressively precise accentuations. The optic is particularly flexible in museum or retail environments and is also extremely economical.

Zoom spotlights are included in the product ranges:

- Optec
- Pollux
- Parscan
- Oseris





65°

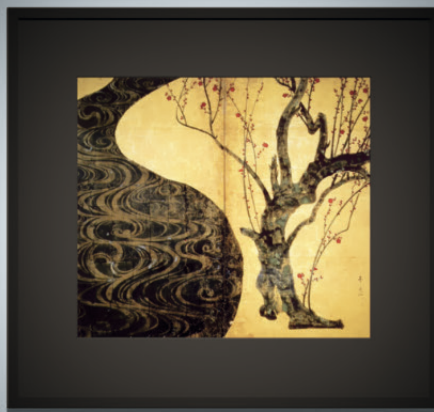
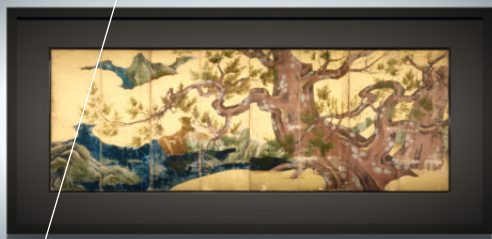
15°



Zoom spot
By rotating the zoom lens attachment, the light distribution can be continuously modified from spot with a beam angle of 15° to wide flood with up to 65°.



Zoom oval
The zoom oval light distribution is continuously variable from 19° x 71° to 74° x 60°. The alignment of the oval can also be adjusted.

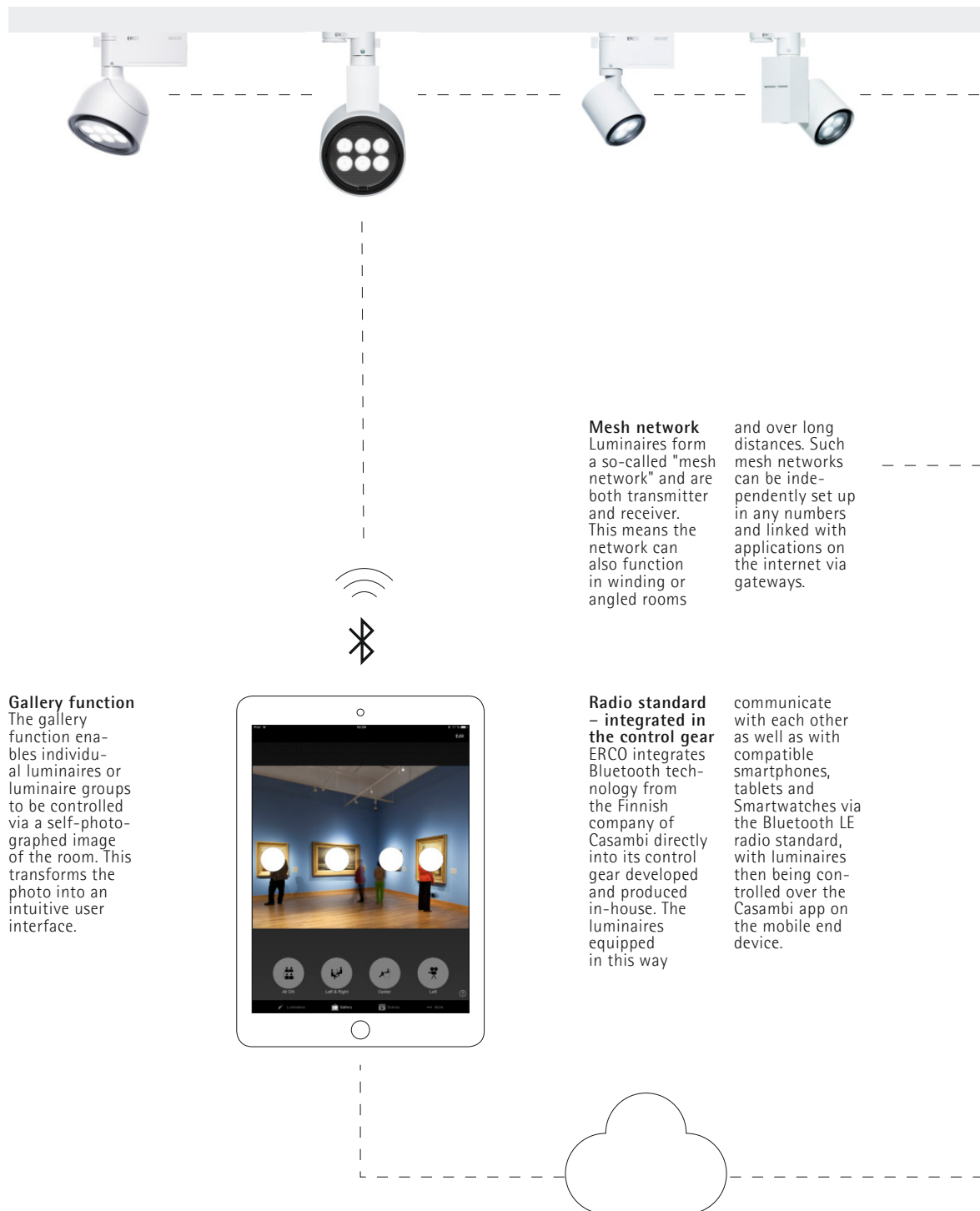


Bluetooth-enabled luminaires from ERCO

Individually switching and dimming luminaires, setting up light scenes and integrating sensors – all made possible by the new, wireless method of control now offered by ERCO in the form of Bluetooth-capable luminaires. Only a smartphone or tablet with the Casambi app are needed for setup and operation, intuitively and simply making available a level of design flexibility and convenience functions that in the past required complex light control systems.

Luminaires with Casambi technology are included in the following product ranges:

- Oseris
- Parscan
- Pollux
- Optec
- Light Board
- Opton
- Pantrac
- Skim
- Compar
- Jilly



Gallery function

The gallery function enables individual luminaires or luminaire groups to be controlled via a self-photo-graphed image of the room. This transforms the photo into an intuitive user interface.

Mesh network

Luminaires form a so-called "mesh network" and are both transmitter and receiver. This means the network can also function in winding or angled rooms

and over long distances. Such mesh networks can be independently set up in any numbers and linked with applications on the internet via gateways.

Radio standard – integrated in the control gear

ERCO integrates Bluetooth technology from the Finnish company of Casambi directly into its control gear developed and produced in-house. The luminaires equipped in this way

communicate with each other as well as with compatible smartphones, tablets and Smartwatches via the Bluetooth LE radio standard, with luminaires then being controlled over the Casambi app on the mobile end device.

Cloud technology

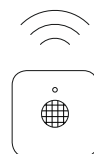
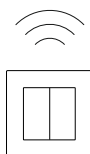
Via the Casambi Cloud, network settings are backed up and synchronised across all devices. This enables high flexibility and security – even if mobile devices change or fail.

ERCO luminaires for track with up to 19W LED power consumption can currently be operated via Casambi. More will follow in the future. The "ERCO individual" service also allows Bluetooth-capable variants of further luminaires to be requested for specific projects.



Integrating further operating elements

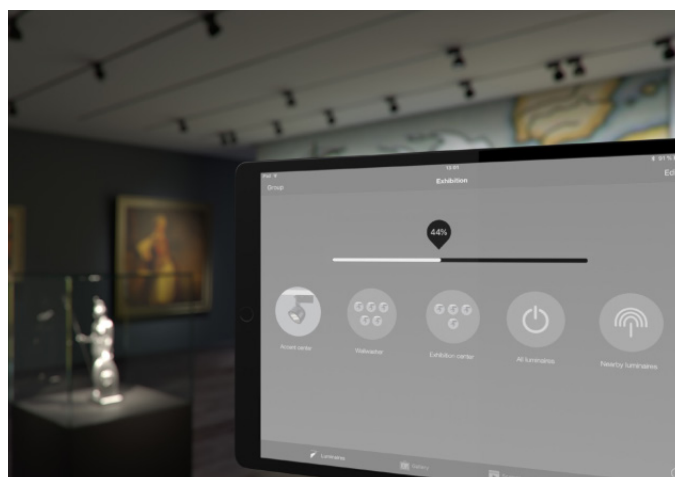
In addition to smartphones, tablets and smartwatches, the integration of Bluetooth-capable wall switches, push-buttons and sensors labelled "Casambi ready" is possible.



Versatile functions

The range of functions on the free Casambi app includes switching and dimming single luminaires, grouping luminaires and setting up light scenes. Intuitive opera-

tion is provided by a visual user interface from ERCO with a simple, clear design.



Jilly – maximum visual comfort

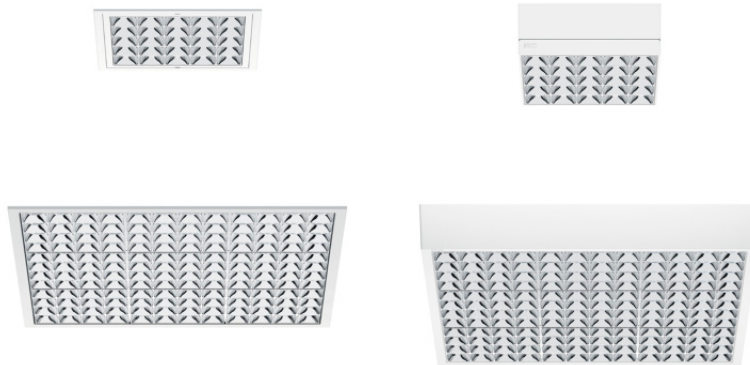
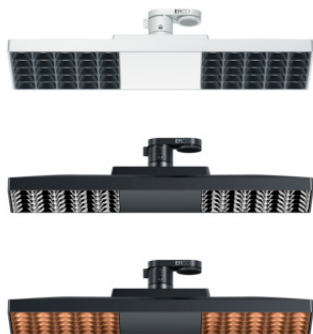
Jilly is a versatile family of luminaires for standard-compliant office workstation lighting.

The low luminance on the light emission surface is very pleasant with Jilly and thus creates perfect visual comfort at the office workplace. High uniformity on the work plane with 500 lx and sufficient vertical illuminance for good facial recognition with $UGR < 19$ are two of Jilly's features.

Lighting designers can choose between black or silver anti-dazzle louvres to match the design of the luminaire to the ceiling colour and office design.

Jilly meets the four criteria for standard-compliant lighting at office workplaces

- \bar{E}_m Sufficiently high illuminance for visual tasks at office workstations.
- UGR Perfect glare control for high visual comfort and thus a qualitative working environment.
- U_0 Uniform brightness distribution for balanced contrasts on horizontal surfaces.
- Ez Glare-free vertical illumination at head height enables good facial recognition.



Jilly for track
Combining the flexibility of spotlights with the visual comfort of downlights is enabled by Jilly for track. This makes it possible to elegantly bring together standard-

compliant office workplace lighting with dynamic office environments.

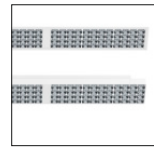
Jilly square recessed and surface-mounted luminaires
Jilly recessed luminaires are suitable for uniform, bright work lighting in offices with suspended ceiling panels.

In addition to the surface-mounted version for installation on solid ceilings, an additional small construction size is available for circulation and ancillary areas.

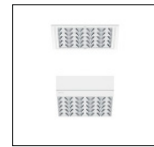
UGR
<19



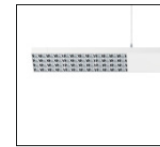
Jilly for track



Jilly linear recessed and surface-mounted luminaires



Jilly square recessed and surface-mounted luminaires



Jilly linear pendant luminaires

Features of the Jilly range

Application	General lighting	•	•	•	•
	Office workstations	•	•	•	•
Lumen packages	1200-3300lm	•		•	
	<3300lm		•	•	•
Light distribution	Extra wide flood	•	•	•	•
	Oval wide flood	•	•	•	•
Special features	Tunable white (3000K – 6000K)				indirect only
	Different coloured anti-dazzle louvres	•	•	•	•



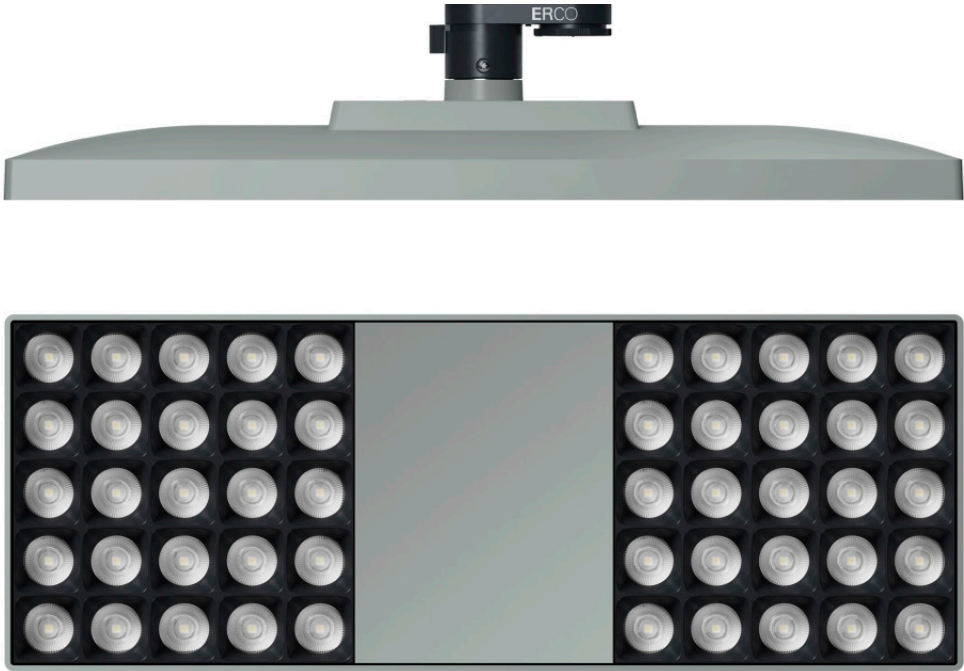
Jilly linear recessed and surface-mounted luminaires

The linear version of Jilly is ideal for linear ceiling layouts in offices. Recessed and surface-mounted luminaires with their simple design create a clean ceiling appearance.

Jilly linear pendant luminaires

Supplementary brightening of office ceilings is perfectly achieved with Jilly pendant luminaires.

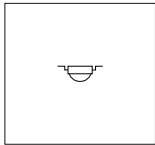
With tunable white technology, lighting concepts for Human Centric Lighting can be implemented.



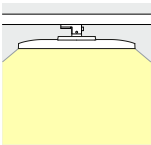
Highly efficient and standard-compliant office workplace lighting – with track as a flexible basis.

In keeping with modern, dynamic working environments in which office layouts are constantly changing and adapting, Jilly luminaires for track achieve the efficient and standard-compliant lighting of workplaces. The especially flat housing and a striking anti-dazzle louvre characterise the elegant appearance. Jilly's lighting technology combines a highly efficient lens system with an anti-dazzle louvre for visual comfort and luminous efficacy at the same high level. The wattage and light distribution enable wide

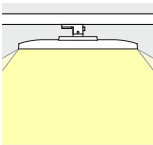
luminaire spacing for economical lighting concepts that comply to standards. Jilly can be optimally aligned – always according to the requirements of the architecture and the arrangement of the workstations – thanks to mounting via track adapters.



Mid-power LED



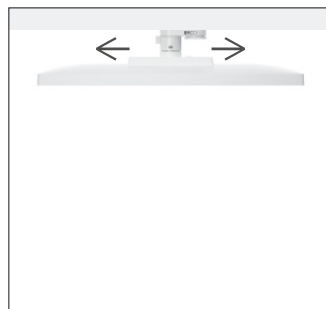
Downlights
13W
2000lm
Extra wide flood



Downlights oval wide flood
13W
2000lm
Oval wide flood

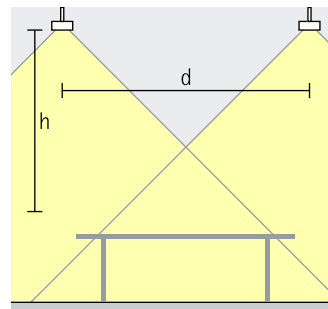


Jilly for track brings together the qualities of a downlight with the flexibility of track. This makes Jilly the perfect tool for changing office layouts.



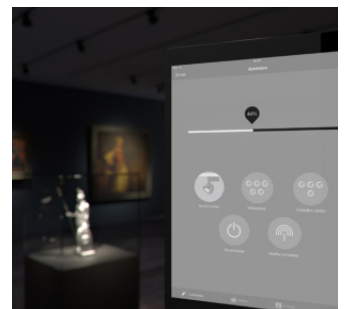
Simply rearrange luminaires

To adapt the light flexibly to changing furniture arrangements, the luminaires can be simply repositioned via the adapter.



Wide luminaire spacing with high visual comfort

The oval wide flood light distribution allows wide luminaire spacing to be achieved with very good visual comfort.

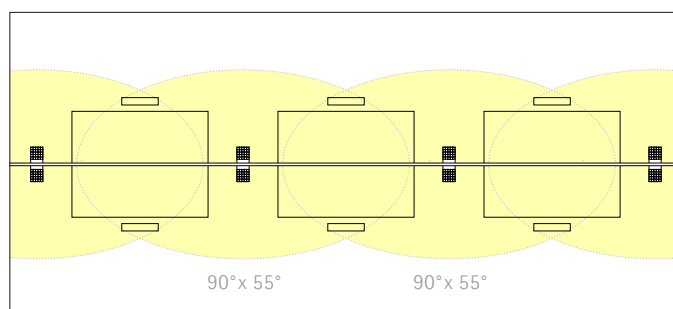


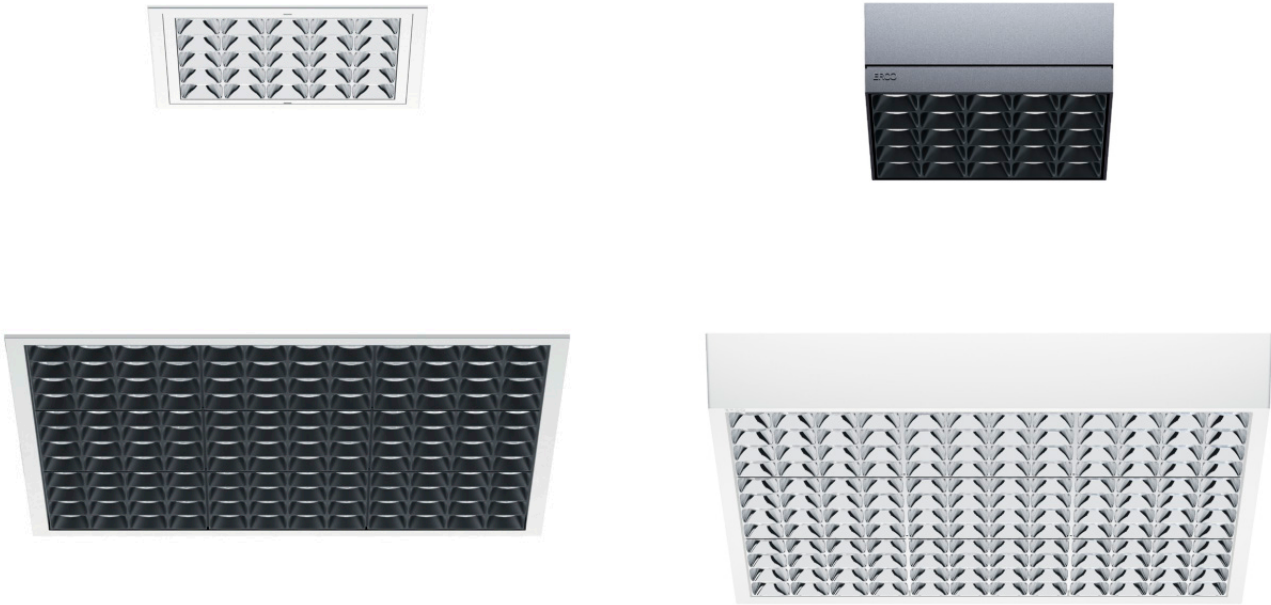
Convenient radio control of luminaires

The Bluetooth technology integrated in ERCO control gear allows convenient control via the Casambi app on a smartphone or tablet.

Oval wide flood in use

The oval wide flood light distribution aligned transversely to the longitudinal axis of the luminaire achieves a high degree of uniformity and good facial recognition.

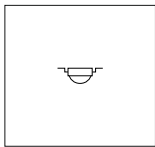




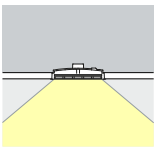
Design for efficient and ergonomic light in offices

Jilly square recessed and surface-mounted luminaires are suitable for the particularly efficient, standard-compliant lighting of office workplaces – in rooms with solid ceilings and also for uncomplicated modernisation purposes. The elegant, flat housing and striking anti-dazzle louvres make Jilly a design statement that stands out from conventional office luminaires. The lighting technology of Jilly square combines a highly efficient lens system with an anti-dazzle louvre for visual comfort and luminous efficacy at the same high level. The wattage and light distribution

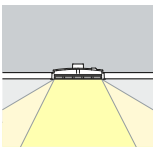
enable wide luminaire spacing for economical lighting concepts that comply to standards. Jilly square offers lighting designers a choice of two sizes. The format and luminous flux can thus be adapted to the room situation. Many well thought-out details facilitate mounting and make installation simple, efficient and safe.



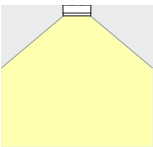
Mid-power LED



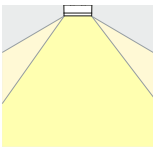
Downlights
10W – 36W
1500lm – 5760lm
Extra wide flood



Downlights oval wide flood
10W
1500lm
Oval wide flood



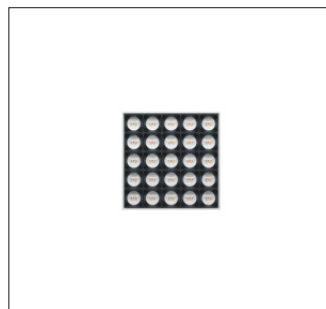
Surface-mounted downlights
10W – 36W
1500lm – 5760lm
Extra wide flood



Surface-mounted downlights, oval wide flood
10W
1500lm
Oval wide flood

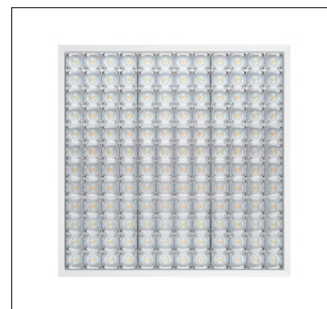


Jilly is characterised by standard-compliant office workplace lighting with high visual comfort. The low height of Jilly recessed and surface-mounted luminaires is ideal for low ceiling situations.



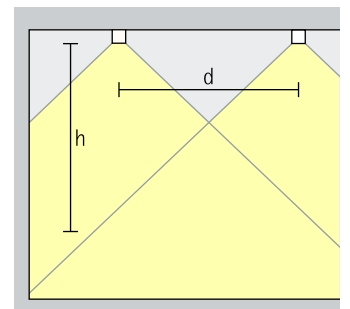
Small luminaires for circulation areas

Corridors and hallways require less illuminance than office workplaces. The small, compact design of Jilly is ideal for such applications.



Large luminaires for office workplaces

Jilly size 14 recessed and surface-mounted luminaires have high luminous flux and achieve the required illuminance levels for standard-compliant office workplace lighting.



Wide luminaire spacing with high visual comfort

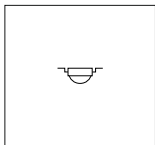
The oval wide flood light distribution allows wide luminaire spacing to be achieved with very good visual comfort.



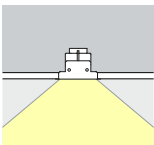
Recessed and surface-mounted luminaires in a neutral design for efficient and ergonomic light in offices

With Jilly linear recessed and surface-mounted luminaires, the Jilly range offers a particularly efficient solution for standard-compliant office workplace lighting. The distinct appearance with striking anti-dazzle louvre make Jilly a design statement that stands out from conventional office luminaires. The lighting technology of Jilly linear combines a highly efficient lens system with an anti-dazzle louvre for visual comfort and luminous efficacy at the same high level. The wattage and light distribution enable wide

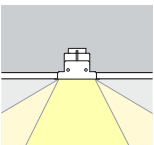
luminaire spacing for economical lighting concepts that comply to standards. Many well thought-out details make installation simple, efficient and safe.



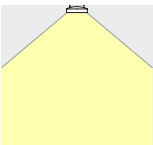
Mid-power LED



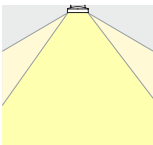
Downlights
36W
5760lm
Extra wide flood



Downlights oval wide flood
36W
5760lm
Oval wide flood



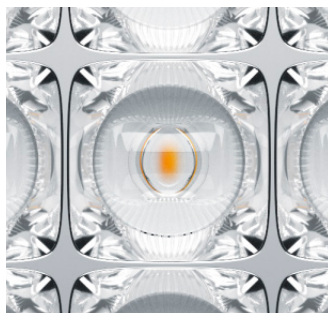
Surface-mounted downlights
36W
5760lm
Extra wide flood



Surface-mounted downlights, oval wide flood
36W
5760lm
Oval wide flood

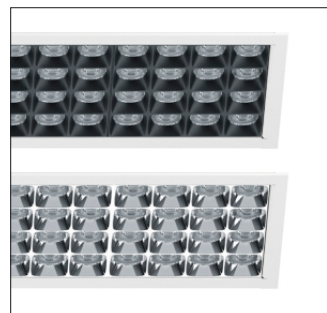


Jilly linear recessed and surface-mounted luminaires are ideal for achieving a linear design in the ceiling appearance.



A highly efficient lens system

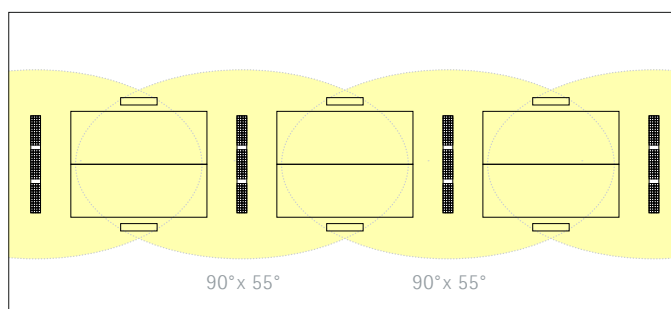
Thanks to its compact lens system, Jilly has very high luminaire efficiency. This enables very energy-efficient office lighting.



Anti-dazzle louvre for high visual comfort

Jilly's special anti-dazzle louvres ensure that no distracting glare occurs. Despite the high illuminance on the work plane, this results in

very good visual comfort.



Oval wide flood in use

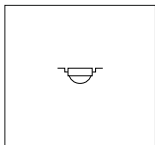
Jilly linear, with oval wide flood distribution of light transverse to the luminaire, orients itself to luminaire alignment as highly proven for office applications.



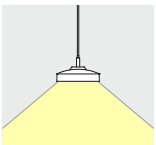
Pendant luminaires in a distinct design for efficient and ergonomic light in offices

As with the entire Jilly range, Jilly pendant luminaires also specialise in the particularly efficient, standard-compliant lighting of office workplaces. As a pendant luminaire, Jilly offers lighting designers complete freedom to arrange luminaires flexibly and at optimum height in the room. The elegant, flat shape transforms the luminaire into a design statement that stands out from conventional office luminaires. Jilly's lighting technology combines a highly efficient lens system with an anti-dazzle louvre for visual comfort and luminous efficacy at

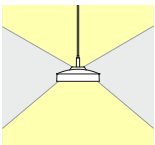
the same high level. Optionally, an integrated uplight emits diffuse light upwards. In the tunable white version, Jilly also supports dynamic lighting concepts such as Human Centric Lighting which bring the feeling of daylight into the office.



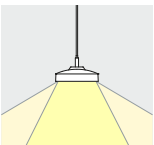
Mid-power LED



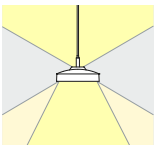
Pendant downlights
24W
3840lm
Extra wide flood



Pendant downlights direct/indirect
39W – 64W
6315lm – 7990lm
Extra wide flood



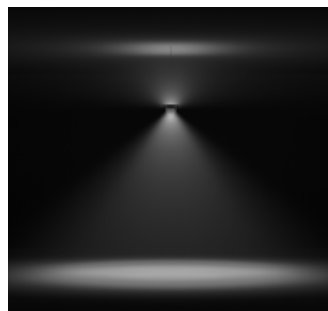
Pendant downlights oval wide flood
24W
3840lm
Oval wide flood



Pendant downlights oval wide flood direct/indirect
39W – 64W
6315lm – 7990lm
Oval wide flood



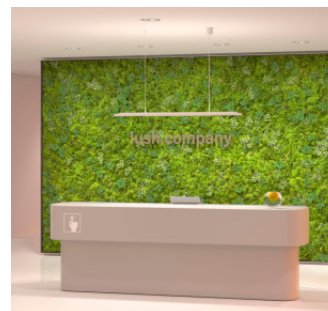
The low height of the Jilly pendant luminaire achieves a very elegant effect in the room. The optional indirect component pleasantly brightens the ceiling.



Combination with indirect lighting

The Jilly pendant luminaire variant with indirect lighting brightens the ceiling. This uplight, optionally with tunable white technology, makes the room

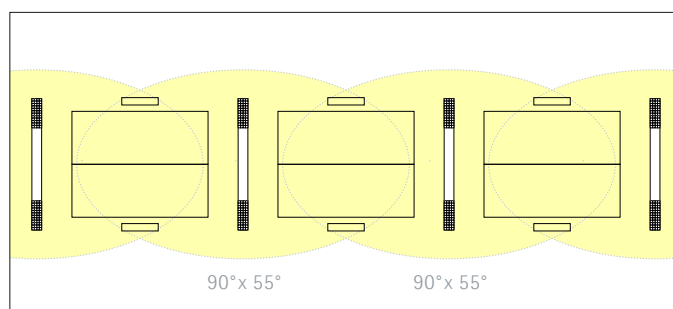
appear higher and also marks out work areas in large rooms.



Tunable white technology

Just as the colour temperature outdoors changes continuously during the day, the colour temperature of indirect lighting can be adjusted indoors to e.g. support lighting

concepts for Human Centric Lighting.



Oval wide flood in use

Jilly linear, with oval wide flood distribution of light transverse to the luminaire, orients itself to luminaire alignment as highly proven for office applications.

Compar – a high performer for linear designs

Diverse light distributions for nuanced lighting concepts

The arrangement of LED and collimator lens means that Compar features a narrow light emission surface with high luminous flux. Compar's strength lies in its versatility: with five light distributions and five formal characteristics, the Compar range offers maximum flexibility for lighting design.



Compar downlights and double wallwashers for track

The flexibility of Compar for track is particularly useful in situations where changes in use require the lighting to be positioned differently. Compar double

wallwashers for track are particularly suitable for corridors because they create an impression of wider space.

Compar linear recessed luminaires

Compar linear recessed luminaires are indispensable for minimalist ceiling layouts. Their narrow aperture means the luminaire almost disappears into the ceiling.

Compar square surface-mounted luminaires

Compar square surface-mounted luminaires are a compact solution for simple mounting on solid ceilings.

6–10W
630–1230lm



12–19W
1260–2460lm

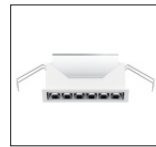


24–38W
2520–4920lm



48–76W
5040–9840lm





Features of the Compar family

Compar for track

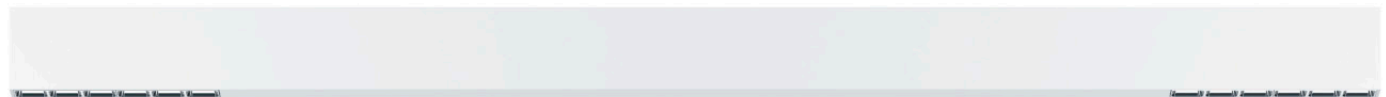
Compar linear recessed luminaires

Compar square surface-mounted luminaires

Compar linear surface-mounted luminaires

Compar linear pendant luminaires

Application	General lighting	•	•	•	•	•
	Linear lighting	•	•	•	•	
	Wallwashing	•	•			
	Office workstations	•	•	•	•	•
Lumen packages	<1200lm		•			
	1200–3300lm	•	•	•	•	•
	>3300lm		•	•	•	•
Light distribution	Wide flood	•	•	•	•	•
	Extra wide flood	•	•	•	•	•
	Oval flood	•	•	•	•	
	Oval wide flood	•	•	•	•	•
	Wallwash		•			
	Double wallwash	•				
Special features	Tunable white (3000K – 6000K)					indirect only
	Different coloured anti-dazzle louvres	•	•	•	•	•



Compar linear surface-mounted luminaires

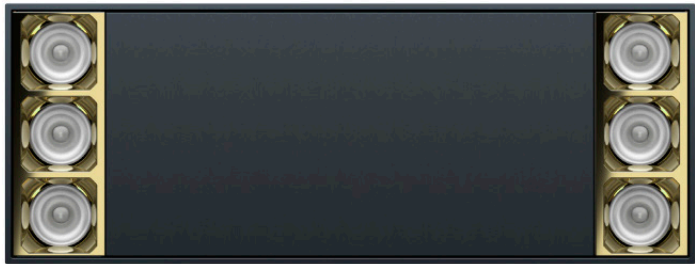
To achieve a linear geometry in the ceiling appearance, Compar is also available in a linear design variant in addition to the square design.



Compar linear pendant luminaires

Direct/indirect light, tunable white and two construction sizes – Compar linear pendant luminaires offer two attractive light distributions for office workstations and counters in the form

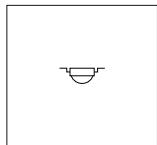
of wide flood and oval wide flood. The light colour of the indirect component can be modified by the user thanks to tunable white LED modules.



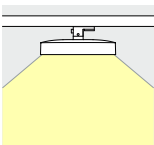
An adaptable, compact tool for ergonomic light in offices

Illuminating office architecture and workplaces in a nuanced and extremely flexible way – made possible by the combination of Compar luminaires and track as the infrastructure. As downlights for track, they utilise the lighting technology of the extensive Compar range. With their flat housing they are also suitable for rooms with low ceiling heights. Compar features high visual comfort thanks to its anti-dazzle louvre, and workplaces are illuminated according to standards and glare-free with appropriate light distributions. Compar can always be perfectly aligned even

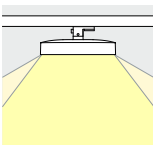
with changing office layouts due to installation via track adapters. The wattage and light distribution of Compar enable wide luminaire spacing for economical lighting concepts.



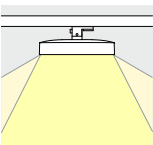
LED



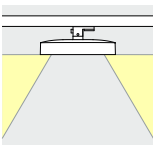
Downlights
12W – 19W
1260lm – 2460lm
Wide flood,
extra wide flood



Downlights oval wide flood
12W – 19W
1260lm – 2460lm
Oval wide flood



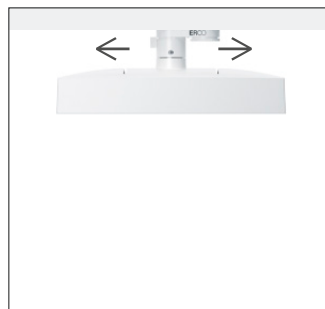
Downlights oval flood
12W – 19W
1260lm – 2460lm
Oval flood



Double wallwasher
12W
1260lm – 1650lm
Double wallwash

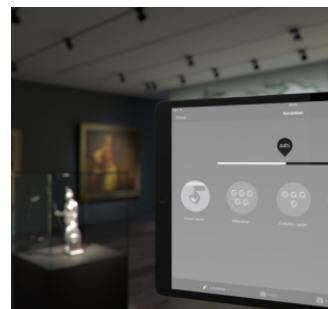


The anti-dazzle louvre of Compar for track provides pleasant visual comfort in offices and meeting rooms.

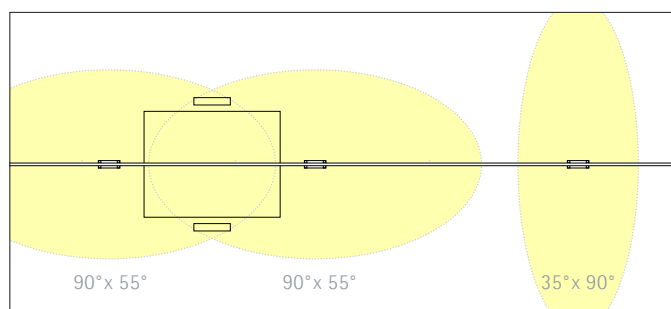


New flexibility in office lighting
Downlights for track can be flexibly positioned to suit the use of the room. In the event of a move, all the lighting can be easily taken with you. This also provides

a high level of planning security for future changes in offices.



Convenient radio control of luminaires
The Bluetooth technology integrated in ERCO control gear allows convenient control via the Casambi app on a smartphone or tablet.

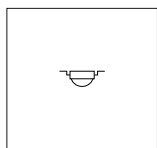


The oval flood variants in use
Oval wide flood is the ideal light distribution for lighting office workplaces. The narrower oval flood on the other hand is suitable for the linear illumination of corridors.

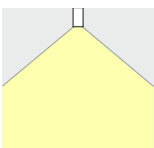


Versatile, elegant surface-mounted luminaires with a linear profile

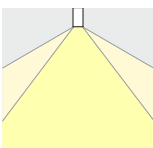
Two linear Compar modules, united in an elegant, slender profile: Compar linear surface-mounted luminaires feature uncomplicated installation and are simultaneously high quality tools for illuminating offices and public buildings. The innovative linear lighting technology offers various wattages and light distributions – for general lighting as well as for the standard-compliant, glare-free lighting of office workplaces. The brackets for fixing to the ceiling fitting are discreetly concealed in a slender shadow gap. These luminaires therefore extend the Compar family into a range that can be used to solve a wide variety of lighting tasks.



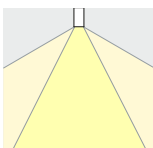
LED



Surface-mounted downlights
24W – 38W
2520lm – 4920lm
Wide flood,
extra wide flood



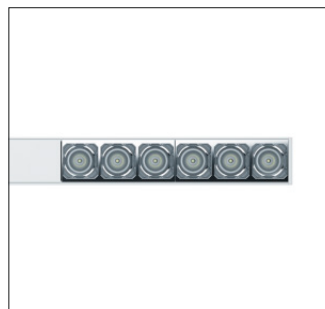
Surface-mounted downlights, oval wide flood
24W – 38W
2520lm – 4920lm
Oval wide flood



Surface-mounted downlights, oval flood
24W – 38W
2520lm – 4920lm
Oval flood

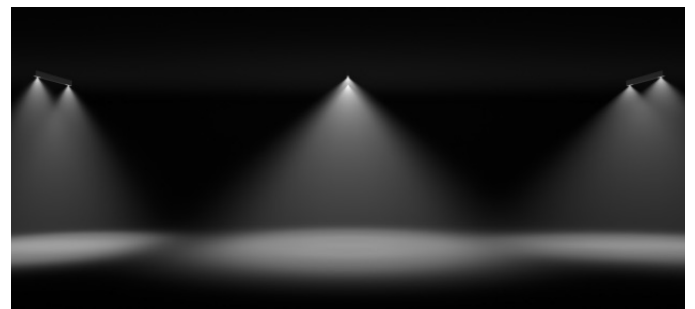


Compar linear surface-mounted luminaires emphasise the direction of a room. In this way, the ceiling appearance structures individual zones of use.



High visual comfort with anti-dazzle louvres

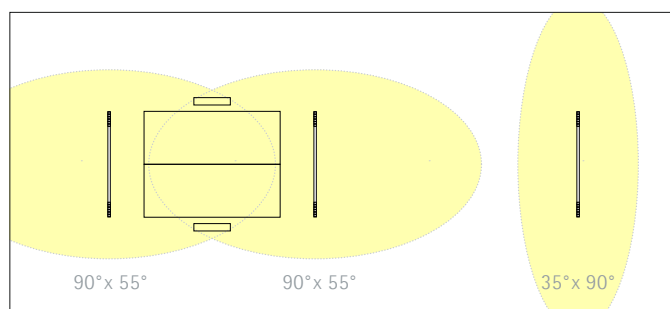
The anti-dazzle louvres at the lower aperture create a cut-off angle of 30° for high visual comfort. They are optionally available in black or silver.



Three light distributions for nuanced lighting

Planar general lighting with wide luminaire spacing is possible with the extra wide flood light distribution. Wide flood and oval wide flood light distributions

are suitable for UGR<19. The oval wide flood optic was developed particularly for office workstations and conference tables.



The oval flood variants in use

Oval wide flood is the ideal light distribution for lighting office workplaces. The narrower oval flood on the other hand is suitable for the linear illumination of corridors.

Atrium double focus – sophisticated lighting for room heights of 6m and more

Atrium is a powerful range of luminaires for the general lighting of large rooms. With wattages of 24W-114W for a luminous flux of up to 14760lm, Atrium is ideal for high foyers, large event rooms in hotels or conference centres as well as halls, atria and sacred spaces. Atrium has a wide range of applications recessed, surface-mounted and suspended mounting methods. The optimised lighting technology offers maximum visual comfort for high rooms.



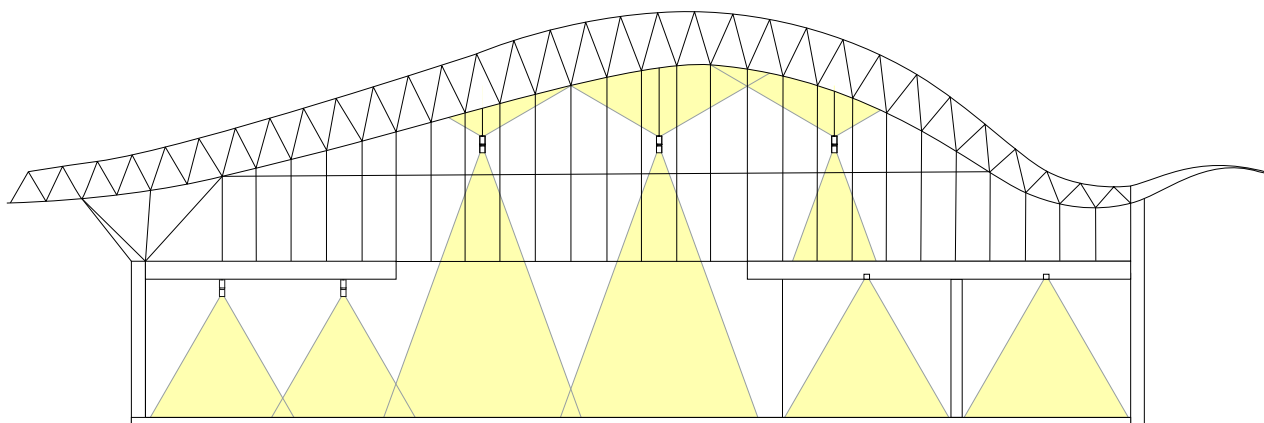
Atrium double focus surface-mounted luminaires

Whether with closed solid ceilings or open supporting structures – Atrium double focus surface-mounted luminaires can be easily installed to ceilings.



Atrium double focus pendant luminaires

If light is also to emphasise and highlight the ceiling, Atrium double focus pendant luminaires open up new possibilities. The integrated uplight accentuates the dimension of high rooms.





Quintessence double focus becomes Atrium double focus
The proven double-focus recessed luminaires of the Quintessence range will become part of the Atrium range in 2019 with identical specifications.

Downlights and wallwashers thus complete the extensive toolbox. At ERCO, the name Atrium stands for high rooms with maximum visual comfort – the range will be further expanded in the future.



Atrium double focus recessed luminaires



Atrium double focus surface-mounted luminaires



Atrium double focus pendant luminaires

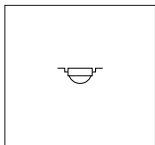
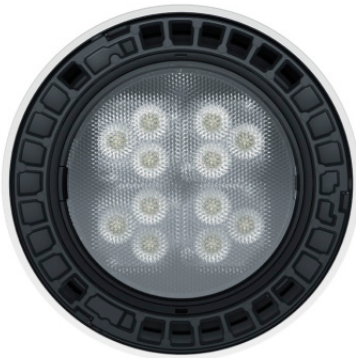
Features of the Atrium double focus range

Application	General lighting	•	•	•
	Wallwashing	•		
Lumen packages	<1200lm	•		
	1200–3300lm	•	•	•
	>3300lm	•	•	•
Light distribution	Flood	•	•	•
	Wide flood	•	•	•
	Wallwash	•		

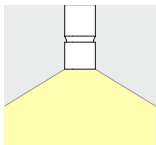
ERCO Innovations 2019 Atrium double focus surface-mounted and pendant luminaires

Versatile, powerful lighting technology and minimalist design – for nuanced lighting from large heights

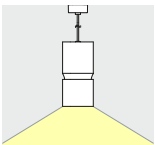
With high lumen output and good glare control, Atrium double focus luminaires are particularly suitable for use in high rooms, for example in the foyers of public buildings and sacred spaces. The neutrally designed cylindrical housing of the surface-mounted and pendant luminaires is given a striking design accent with the light-tight ventilation gap. The lighting technology with collimators and Spherolit lenses creates narrow downlight light distributions and thus provides precise illumination from large heights. The optional indirect component of the pendant luminaires creates atmosphere and reduces contrasts. Their low weight allows them to be suspended easily via the cable. All Atrium luminaires have a black anti-glare cone for particularly high visual comfort. The in-house developed control gear provides uniform operating behaviour of luminaire groups and dimming values down to 0.1% via DALI – an important criterion in the typical areas of application.



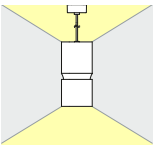
LED



Surface-mounted downlights
24W – 76W
2520lm – 9840lm
Flood, Wide flood



Pendant downlights
24W – 76W
2520lm – 9840lm
Flood, Wide flood



Pendant downlights direct/indirect
36W – 114W
3780lm – 14760lm
Flood, Wide flood

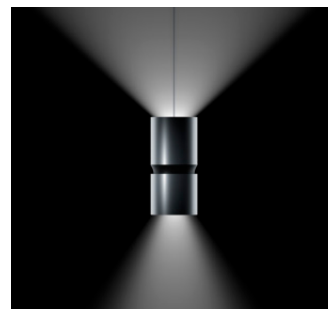


Pendant luminaires with indirect light create a generously-sized impression in high rooms. With their light directed downwards they achieve high illumination on the floor.



Two construction sizes

For rooms of different heights, Atrium double focus luminaires offer two sizes with different luminous flux.



Indirect light

The effect of high rooms can be further enhanced by the indirect lighting component. Decorations on ceilings come into their own.



Dimming

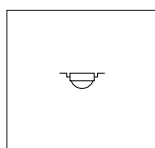
In-house developed control gear enables uniform operating behaviour of luminaire groups and dimming down to 1% – important for use as hall lighting in cinemas, theatres

and concert auditoriums. With DALI control, the dimming value is as low as 0.1%.

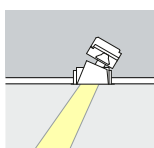


Quintessence Pinhole directional spotlights confidently accent individual objects in the shop. Only a small light emission aperture can be seen in the ceiling. The luminaire therefore blends elegantly into the ceiling layout and almost disappears as merely a technical detail. The linear opening allows the luminaire head to be swivelled in the ceiling. A supplementary rotary mechanism also enables precise alignment of the light.

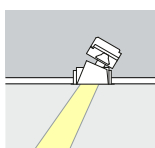
Quintessence Pinhole directional spotlights epitomise the approach of 'light instead of luminaire' to guide the attention of the customer.



**LED
COB LED**



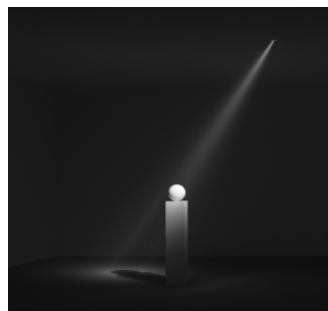
**Directional
luminaires**
2W - 3W
210lm - 410lm
Narrow spot



**Directional
luminaires**
10W
1005lm - 1510lm
Spot

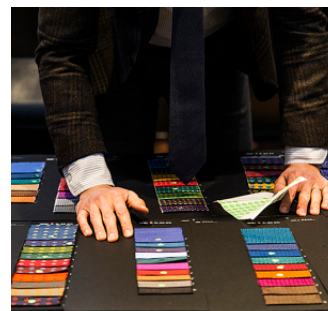


Due to the small light aperture, the effect of the lighting is brought to the fore and the luminaire blends into the background: the magic of light, shadow and brilliance fascinates customers during their shopping.



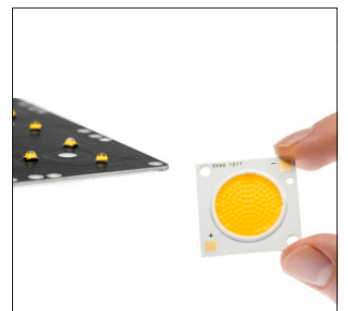
Ceiling detail
With a light emission aperture of only 72x35mm, Quintessence Pinhole blends elegantly into the retail architecture. Thanks to the minimal opening in the Pinhole cover, the

ceiling appears as a single unit to contribute to a clean ceiling layout.



Available in diverse light colours
Light must be perfectly matched to materials, colours and the surfaces in the room. For this purpose ERCO offers a variety of finely nuanced light

colours ranging from warm white to neutral white as well as spectra for special classes of merchandise.



LED technology
Quintessence directional spotlights are available with two different LED technologies: High-power LEDs are characterised by projected light and enable light distribution of less than 10°.

Chip-on-Board LEDs on the other hand offer a choice of up to eight spectra and a light distribution of less than 20°.

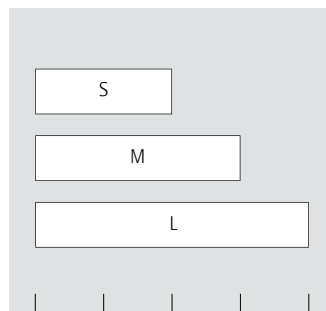


The ERCO ceiling channel provides a versatile infrastructure for shop lighting purposes. Its linear design structures the space and simultaneously achieves a clear, clean ceiling appearance that places the focus on the display of the products. With recessed luminaires, recessed spotlights and track spotlights adapted for the system, all tools are available for rich-contrast accenting, uniform wallwashing and efficient general lighting.

Create your individual ERCO ceiling channel together with your ERCO lighting consultant.

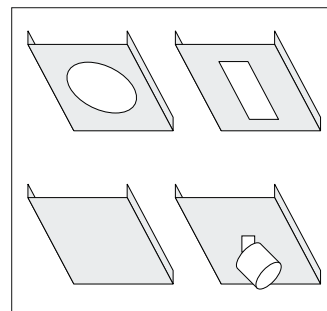


Ceiling channels serve as elegant infrastructure for shop lighting and delineate the architecture. The focus is entirely on the light effect, as for example in the Prada store in Milan where the luminaires in the black ceiling channel seem to disappear.



Individual dimensions

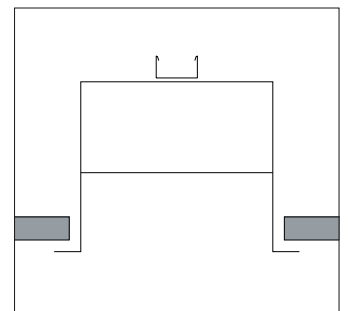
Delicate lines with light or a multifunctional ceiling channel – basic units allow the ERCO ceiling channel to be freely configured. Where required, standard elements can be modified in terms of length, width and depth according to project needs.



Precisely fitting insertion plates

The ERCO ceiling channel is designed as a system with a closed appearance from below. Insertion plates removable without tools accommodate the luminaires or other technical fittings. The

recess between the inset panels and lower ceiling edge is freely definable.



Simple mounting

The ERCO ceiling channel is designed for mounting with commercially available, on-site suspension systems. Large openings on the rear of the channel facilitate access into the ceiling's intermediate space during installa-

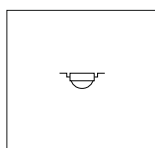
tion. Cabling can be routed openly in the channel and – is not seen from the room side thanks to the insertion plates.



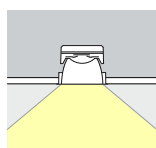
Dynamics to support Human Centric Lighting

The expansion of the Quintessence recessed luminaires with tunable white technology sets new standards: it enables the colour temperature of the luminaire to be adapted to changes in daylight and thus supports Human Centric Lighting. Particularly for offices or the hotel and restaurant sector, the cool light at noon can be transformed into a warm-toned light for relaxation in the evenings.

With a 90° beam angle and 40° cut-off, Quintessence downlights are ideal for illuminating large areas, providing uniform, efficient general lighting with wide luminaire spacing and high cylindrical illuminances. The 60° beam angle is ideal for rooms with high ceilings.



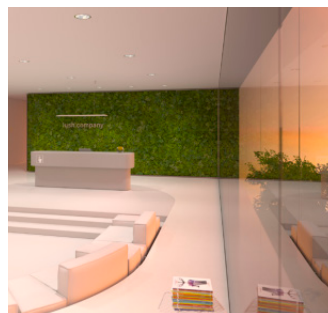
COB LED



Downlights
12W – 18W
1600lm – 2300lm
Wide flood,
extra wide flood



Atmosphere can be enhanced not only by changing the brightness but also by modifying the colour temperature. A wide variety of light scenes can thus be created not only during the course of the day, but also seasonally.



Tunable white technology
Just as the colour temperature outdoors changes continuously during the day, the colour temperature of indirect lighting can be adjusted indoors to e.g.

support lighting concepts for Human Centric Lighting.

Dynamics to support Human Centric Lighting

Tunable white technology allows lighting designers to switch elegantly from a warm to a cool light colour within a range of 2700K to 6500K. Especially in rooms with long periods of occupancy, the tunable white function increases the quality of stay. Changes in brightness and colour temperature are typical characteristics of daylight. This atmosphere can be transferred to interiors via lighting control and tunable white technology. Cool light colours in the morning and at noon have an activating effect, whereas warm-toned light in the evening contributes to relaxation. For a pleasant lighting atmosphere in offices, the hospitality sector and living areas, ERCO offers recessed luminaires with the tunable white spectrum in addition to pendant luminaires with tunable white uplight.



Tunable white: now also available with Quintessence recessed luminaires

Quintessence has been expanded with tunable white technology to achieve general lighting with different colour temperatures.

Human Centric Lighting

By modifying the brightness and colour temperature, the properties of daylight can be applied to interior spaces. This enables, for example, a warm-toned light for morning and

evening as well as a cooler colour temperature at noon. Thus the colour in the interior simulates the course of daylight outdoors.



4000K



6000K

Pendant luminaires with
tunable white uplight:
- Compar
- Jilly



3000K



Luminaires with chip-on-board modules

Light distributions, light colours and colour rendering for retail environments are ideally combined by ERCO in the form of its luminaire range for chip-on-board LED technology (COB LED). A uniform, bright surface is visible on the light-emitting surface of the luminaire. ERCO luminaires with COB LEDs not only offer unique performance with eight different spectra, but are also attractive from an economic point of view thanks to the low-cost lighting solutions.

This technology is already implemented in the following families:

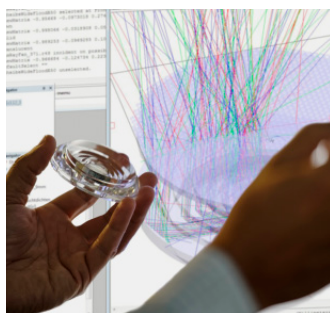
- Optec
- Gimbal
- Quintessence Pinhole



Chip-on-board LED technology

Chip-on-board technology is characterised by several single LEDs being grouped in a module and covered with a phosphor layer optimised for the

specific application. This enables finely nuanced graduations with light colour and colour rendering.



Optimised lighting technology









For its range of luminaires with chip-on-board LEDs, ERCO uses its own optimised photometric approach with lenses instead of the usual reflectors.

The advantage in application: light distributions can be changed without tools, light beams with uniform brightness distribution and soft transitions at the edges.

Variety of spectra available

Eight different spectra including one specifically for the fashion industry provide designers with a previously unknown selection of variants.

With its 'ERCO individual' service, ERCO also offers further light colours and spectra as well as project-specific special constructions on request.

Spectrum	Colour temperature	Colour rendering
827	 2700K	CRI 82
927	 2700K	CRI 92
830	 3000K	CRI 82
930	 3000K	CRI 92
935	 3500K	CRI 92
840	 4000K	CRI 82
940	 4000K	CRI 92
fashion	 3000K	CRI 92

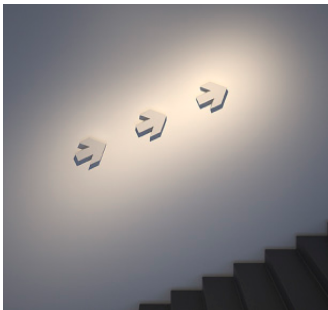
Need a different spectrum?
Simply contact us.

ERCO Innovations 2019 Outdoor supplements

Two new sizes for Kona
Two smaller sizes have been added to the Kona product family for maximum visual comfort at low wattages. Luminaires up to 24W round off the lower wattage range to efficiently and suitably illuminate smaller outdoor objects.



Outstanding visual comfort
The conical luminaire housing of Kona features very good shielding, particularly for demanding visual tasks.



Oval flood freely rotatable
The oval flood Spherolit lens can be freely rotated to align the lighting optimally to various objects. The housing can be opened for alignment.



Degree scale for good adjustability
The hinge with scaling enables precise degree-alignment of Kona and Lightscan. This allows the same inclination to be set quickly and easily especially for luminaires in rows.

- Ø 382mm
- Ø 337mm
- Ø 292mm

- Ø 160mm
- Ø 107mm



2W/210lm –
6W/825lm
new



8W/840lm –
24W/3300lm
new



18W/1890lm –
48W/6600lm



32W/3360lm –
72W/9900lm

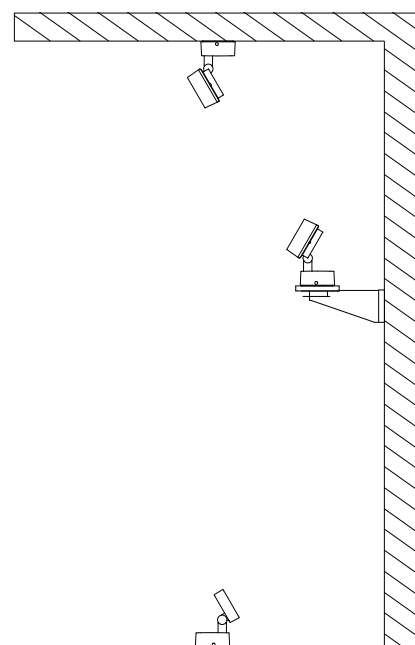
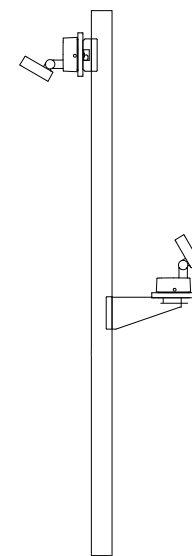
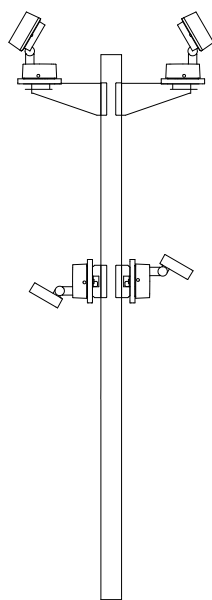
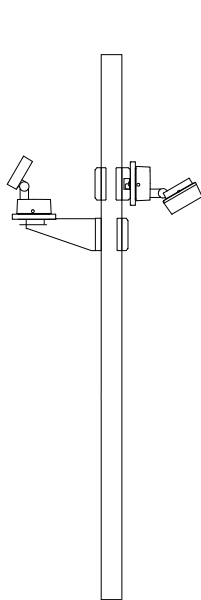


42W/4410lm –
96W/13200lm



Two new sizes for Lightscan
With its slender silhouette, Lightscan now blends even more inconspicuously into its surroundings for smaller lighting tasks. The two smaller construction sizes are also available in the usual light distributions of narrow spot to extra wide flood as well as oval flood and wallwash. This makes it possible to efficiently highlight architectural details on facades or vegetation.

Versatile mounting options
Kona and Lightscan can be installed onto floors, facades and also ceilings via the fixture. A wide range of accessories is available for mounting onto supporting columns and masts.



2W/210lm –
6W/825lm
new



8W/840lm –
24W/3300lm
new



18W/1890lm –
48W/6600lm



32W/3360lm –
72W/9900lm



42W/4410lm –
96W/13200lm

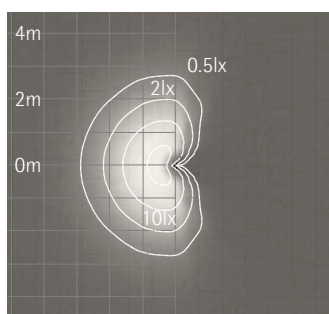
□ 350mm
□ 300mm
□ 250mm

□ 138mm
□ 112mm



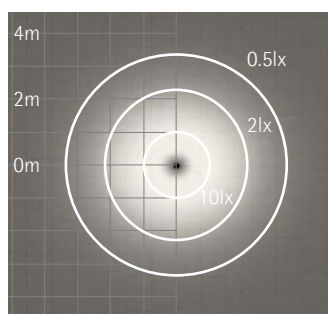
Lower height with Castor Bollard luminaires

To mount Castor on low walls along paths, a version with a height of only 500 mm is now available. Reliable ERCO Dark Sky technology prevents emission of light above the horizontal. Good visual conditions for passers-by and vehicle drivers is ensured thanks to the concealed optic.



180° or 360° light distribution

Its innovative optical system with ring-shaped lens creates either light distribution aligned at 180° to one side for paths, or 360° light distribution for open areas.



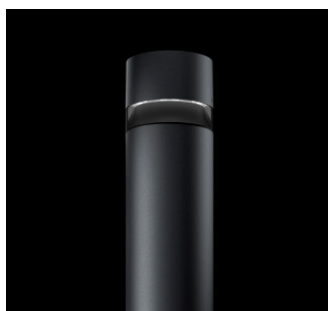
Safety class II
All Castor bollard luminaires have safety class II or use without problems in applications with high safety requirements.





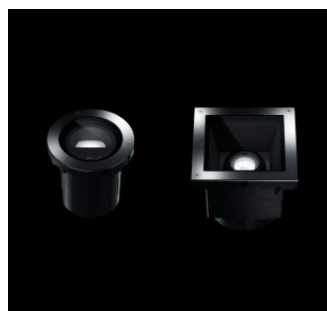
Safety class II for bollard luminaires and in-ground luminaires

Castor bollard luminaires and Site and Tesis ground-recessed luminaires meet the requirements of safety class II. With these luminaires, live components are provided with additional protective insulation so that a protective conductor connection is not required.



Castor

The Castor bollard luminaire visually connects paths and squares outdoors: flood light distribution with asymmetrically wide and rotationally symmetric beam along with three construction sizes allow nuanced lighting designs with use of just one luminaire range.



Tesis

The lighting technology of Tesis features maximum brilliance and efficiency. Whether the round or square version - the housing design, flat thanks to LED technology, allows extremely simple installation.



Site

Site emphasises the haptic impression of architectural materials: by making even the finest structures of wood, concrete, bricks and rough surfaces such as natural stone clearly visible, the grazing light wallwasher

enables the effective accentuation of historical elements and regional materials.