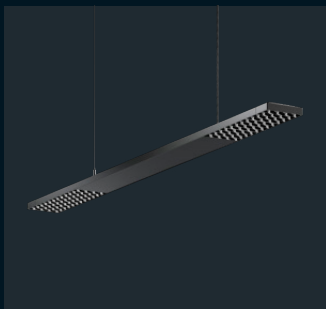


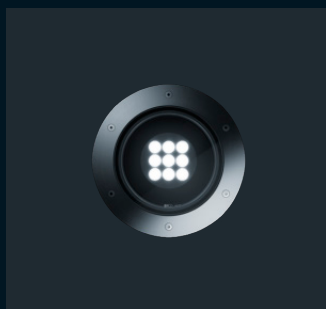
# ERCO

# Program 2020

Indoor luminaires  
Outdoor luminaires



Work  
Culture  
Shop  
Community  
Contemplation  
Living  
Public  
Hospitality





# ERCO areas of application

Each room requires its own lighting concept that is right for the users, the architecture and the interior. At ERCO, long-standing experience with design-oriented architectural and object lighting within the various architectural segments comes together with state of the art LED technology. We have detailed the individual benefits of ERCO LED lighting tools for modern office, retail, museum, airport and facade lighting on the following pages.

As part of this, we respond to your most important questions concerning lighting with LED within the context of our essential fields of application.

More at:  
[www.erco.com/planning-light](http://www.erco.com/planning-light)



## Work

60

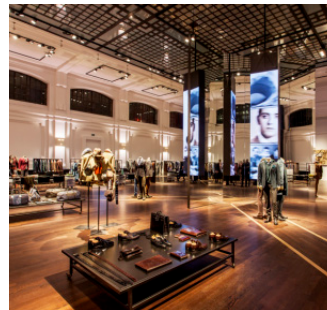
Co-working spaces  
Office buildings  
Management buildings



## Culture

64

Galleries  
Museums  
Art in outdoor spaces



## Shop

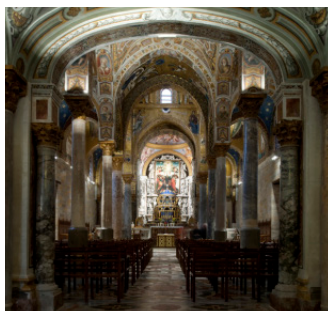
Exclusive retail  
Shopping malls  
Car dealerships



## Community

72

Public transportation buildings  
Educational buildings  
Event buildings  
Parliamentary buildings



## Contemplation

76

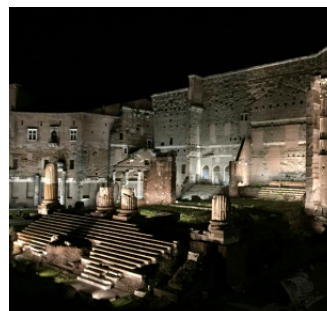
Churches  
Mosques  
Synagogues  
Temple  
Places of worship



## Living

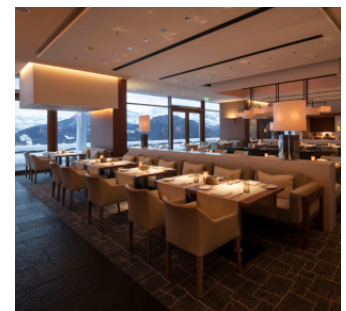
80

Living spaces  
Health and care facilities



## Public

Outdoor facilities  
Squares  
Bridges  
Monuments



## Hospitality










88

Hotels & restaurants  
Ships  
Spas and wellness architecture  
Sports facilities

# Content

Product overview	2
Overview of innovations	20
Innovations & new products	22
Application areas	60
LEDs in ERCO luminaires	786
Photometric data from ERCO	791
General information	797
ERCO addresses	799

## Indoor

<b>Track and light structures</b> <a href="http://www.erco.com/track-lighting">www.erco.com/track-lighting</a>	94	
<b>Luminaires for track</b> <a href="http://www.erco.com/spotlights">www.erco.com/spotlights</a>	122	
<b>Recessed spotlights, floodlights and wallwashers</b> <a href="http://www.erco.com/spotlights-r">www.erco.com/spotlights-r</a>	242	
<b>Recessed luminaires</b> <a href="http://www.erco.com/downlights-r">www.erco.com/downlights-r</a>	308	
<b>Surface-mounted luminaires</b> <a href="http://www.erco.com/downlights-s">www.erco.com/downlights-s</a>	404	
<b>Pendant luminaires</b> <a href="http://www.erco.com/pendant">www.erco.com/pendant</a>	458	
<b>Task lights</b> <a href="http://www.erco.com/task-lights">www.erco.com/task-lights</a>	498	
<b>Wall-mounted luminaires</b> <a href="http://www.erco.com/wall-luminaires">www.erco.com/wall-luminaires</a>	510	
<b>Recessed floor luminaires</b> <a href="http://www.erco.com/ground-luminaires">www.erco.com/ground-luminaires</a>	554	

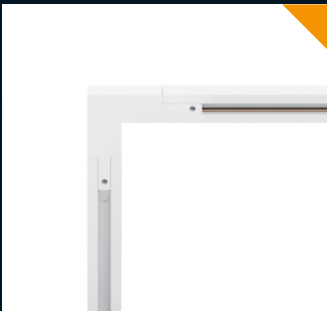
## Outdoor

<b>Projectors, floodlights and wallwashers</b> <a href="http://www.erco.com/projectors">www.erco.com/projectors</a>	572	
<b>Façade luminaires</b> <a href="http://www.erco.com/facade">www.erco.com/facade</a>	628	
<b>Bollard luminaires</b> <a href="http://www.erco.com/bollards">www.erco.com/bollards</a>	678	
<b>Recessed luminaires</b> <a href="http://www.erco.com/downlights-r-ext">www.erco.com/downlights-r-ext</a>	710	
<b>Surface-mounted luminaires</b> <a href="http://www.erco.com/downlights-s-ext">www.erco.com/downlights-s-ext</a>	732	
<b>In-ground luminaires</b> <a href="http://www.erco.com/ground-luminaires-ext">www.erco.com/ground-luminaires-ext</a>	750	

	0
	2m 0.8m
	4m 1.6m
	6m 2.4m
	8m 3.2m

Quickly find the right LED rating using the selection guide at the back of the catalogue.

48V track



ERCO Minirail 48V track 102

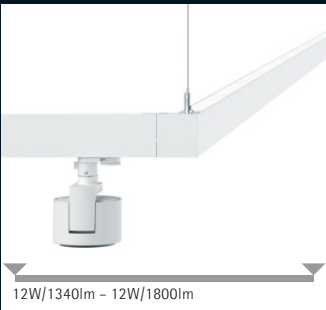
- Miniaturised track profile
- Recessed, surface-mounted or pendant mounting possible
- Culture, Shop

220-240V track and light structures



ERCO track and singlets 108

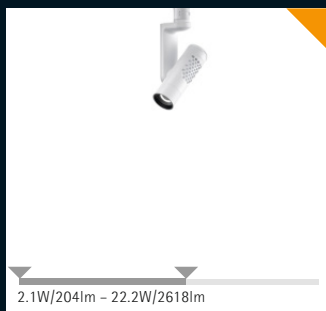
- Low height
- Recessed, surface-mounted or pendant mounting possible
- Proven infrastructure



ERCO Hi-trac track and light structure 114

- Indirect lighting available
- Spacing of up to four metres
- Based on the proven ERCO track
- Culture, Community

Spotlights, floodlights and wallwashers for 48V track



Eclipse 48V

132

Miniaturised luminaire dimensions

Extensive accessories as well as RGBW and tunable white

Contour spotlights and zoom spotlights available

Culture, Shop

Spotlights, floodlights and wallwashers for 220–240V track



Eclipse InTrack

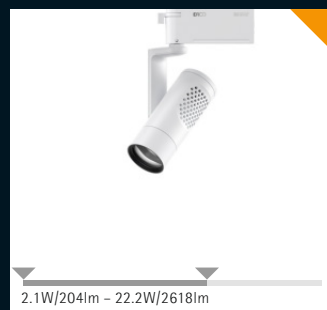
140

Five sizes, ultra-slim Intrack adapter

Extensive accessories as well as RGBW and tunable white

Contour spotlights and zoom spotlights available

Culture, Shop, Community



Eclipse

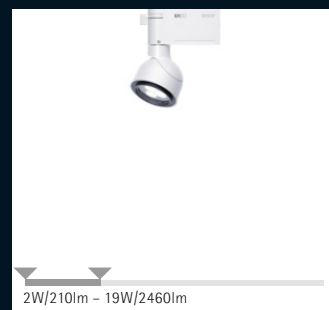
148

Ideal for existing phase dimmable systems

Extensive accessories

Contour spotlights and zoom spotlights available

Culture, Shop, Community



Oseris

154

Ideal for narrow ceiling channels

Ball joint for easy alignment

Zoom spotlights available

Shop, Culture



Parscan

160

Ideal for ceiling channels and singlets

Zoom spotlights available

Elegant design due to integrated control gear

Culture, Shop



Pollux

166

Compact luminaire dimensions

Contour spotlights and zoom spotlights available

Culture, Hospitality



Spotlights, floodlights and wallwashers for 220–240V track

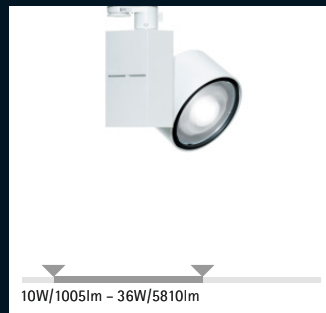

**Optec**
**172**

Contour spotlights and zoom spotlights available

RGBW available

Pivotable through 270°

Shop, Culture


**Optec Basic**
**180**

Very good price-performance ratio

Uniformly illuminated light emission surface

Pivotable through 270°

Shop


**Stella**
**186**

Large lumen packages for high illuminances

Ideal for high rooms

Strong accents from large distances

Community, Contemplation

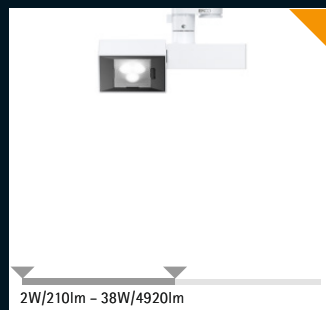

**Light Board**
**192**

RGBW available

Elegant design due to integrated control gear

Suitable for singlets

Culture, Shop


**Option**
**198**

RGBW available

Flat luminaire design for low rooms

Two wattages per size

Shop


**Logotec**
**204**

Elegant design due to integrated control gear

Suitable for singlets

Shop


**Cantax**
**210**

Simple, concise design

Several wattages per size

Hospitality, Shop


**Pantrac**
**216**

Extremely uniform wallwashing

Large luminaire spacing

Simple handling

Culture, Community

Downlights and wallwashers  
for 220–240V track



Skim

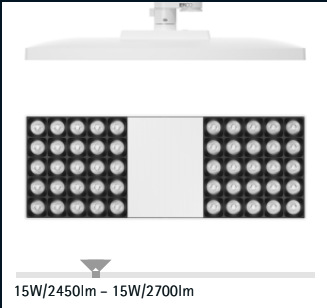
222

For office workstation lighting  
as of UGR<16

Slidable downlights for flexible  
office lighting

Three light distributions

Community, Work



Jilly

228

For office workstation lighting  
as of UGR<16

Slidable downlights for flexible  
office lighting

High visual comfort

Work, Community



Compar

234

For office workstation lighting  
as of UGR<16

Slidable downlights for flexible  
office lighting

Five light distributions

Work, Community

Recessed spotlights, recessed floodlights and recessed lens wallwashers



**Quintessence round** 250

Pivotable through 40°

Five light distributions

Available with recessed luminaire head

Shop, Culture



**Quintessence square** 256

Pivotable through 40°

Five light distributions

Available with recessed luminaire head

Shop, Culture



**Starpoint** 262

Pivotable through 30°

Six light distributions

Small luminaire dimensions

Shop, Hospitality



**Gimbal** 268

Pivotable through 40°

Seven light distributions

Gimbal suspension

Shop, Community, Culture



**Gimbal Basic** 274

Pivotable through 40°

Very good price-performance ratio

Gimbal suspension

Shop



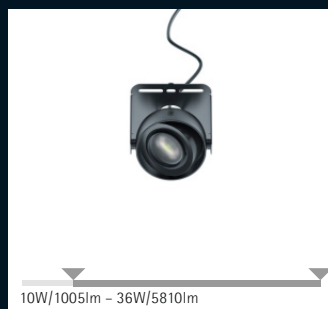
**Gimbal with mounting bracket** 280

Pivotable through 60°

Seven light distributions

Gimbal suspension

Shop, Community, Culture



**Gimbal Basic with mounting bracket** 286

Pivotable through 60°

Very good price-performance ratio

Gimbal suspension

Shop



**Cantax** 292

Pivotable through 90°

Seven light distributions

Very low recess depth

Shop



**Light Board** 298

Pivotable through 90°

RGBW available

Community, Culture

Ceiling channel system



Ceiling channel system 304

Individual dimensions possible

Ideal for recessed spotlights

Insertion plates for luminaires available

[Shop](#)



## Downlights, wallwashers and directional luminaires


**Quintessence round** 316

Downlights, wallwashers and directional luminaires

Tunable white

Very high visual comfort due to darklight technology

Community, Work


**Quintessence square** 324

Downlights, wallwashers and directional luminaires

Tunable white and RGBW available

Very high visual comfort due to darklight technology

Community, Work


**Quintessence Pinhole** 332

Directional luminaire pivotable through 30°

Almost invisible light source

Precise accenting

Shop

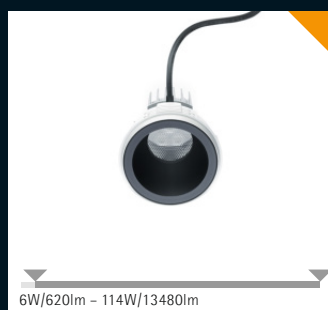

**Quintessence Pinhole Basic** 338

Directional luminaire pivotable through 30°

Spot light distribution

Very good price-performance ratio

Shop


**Atrium double focus** 344

Downlights and wallwashers

Ideal for very high rooms and inclined ceilings

Very high visual comfort

Community


**Starpoint** 352

Downlights with low recess depth

Small size

Hospitality, Living


**Skim** 358

Downlights from UGR&lt;16

Very good price-performance ratio

Magically luminous lens

Community, Work


**Compact** 364

Downlights, wallwashers and double wallwashers

Shallow recess depth

Five sizes

Work, Community


**Quadra** 372

Downlights, wallwashers and double wallwashers

Shallow recess depth

Work, Community

## Downlights, wallwashers and directional luminaires



Jilly square

378

Downlights with low recess depth

For office workstation lighting as of UGR<16

Anti-glare louvre in various colours

Work



Jilly linear

384

Downlights with low recess depth

For office workstation lighting as of UGR<16

Anti-glare louvre in various colours

Work



Compar linear

390

Downlights and wallwashers with extremely narrow ceiling detail

For office workstation lighting as of UGR<16

Five light distributions

Community, Work

## Grazing light wallwasher



Lightgap

396

Impressively uniform grazing light

Invisible light source

Continuous luminaire configurations possible

Hospitality, Community

## Surface-mounted downlights

**Quintessence round 408**

Large luminaire spacing

---

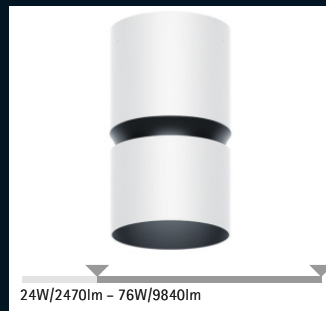
ERCO darklight technology

---

Very high visual comfort with wide light distributions

---

Community

**Atrium double focus 414**

Ideal for high and very high rooms

---

Large lumen packages for high illuminances

---

General lighting with large luminaire spacing

---

Community, Contemplation

**Starpoint 420**

Small luminaire dimensions

---

Decorative light emission

---

Available in chrome

---

Hospitality

**Skim 426**

For office workstation lighting as of UGR<16

---

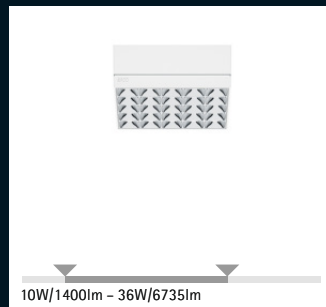
Good price-performance ratio

---

Magically luminous lens

---

Work

**Jilly square 432**

For office workstation lighting as of UGR<16

---

Anti-glare louvre in various colours

---

General lighting with large luminaire spacing

---

Work

**Jilly linear 438**

For office workstation lighting as of UGR<16

---

Anti-glare louvre in various colours

---

Very high visual comfort for working

---

Work

**Compar square 444**

For office workstation lighting as of UGR<16

---

Three wattages

---

Four light distributions

---

Work

**Compar linear 450**

For office workstation lighting as of UGR<16

---

Slender profile

---

Four light distributions

---

Work

## Pendant downlights



Quintessence round

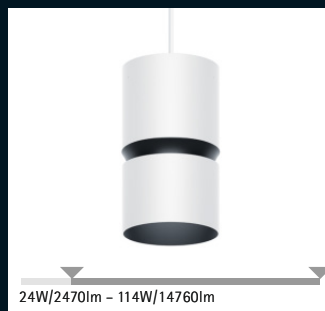
464

Available in three sizes

ERCO darklight technology

Very high visual comfort with wide light distributions

Community, Work



Atrium double focus

470

Indirect lighting available

Ideal for high and very high rooms

Very high visual comfort

Community, Contemplation



Starpoint

476

Small luminaire dimensions

Decorative light emission

Available in chrome

Hospitality, Living



Jilly linear

482

For office workstation lighting as of UGR&lt;16

Indirect lighting with tunable white available

Anti-glare louvre in various colours

Work



Compar linear

488

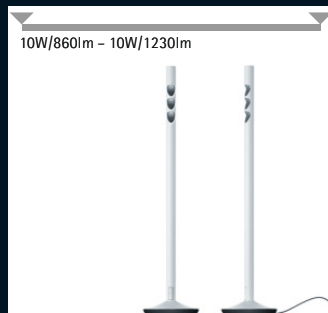
For office workstation lighting as of UGR&lt;16

Indirect lighting with tunable white available

ERCO darklight technology

Work

## Task lights



Lucy

502

Very high visual comfort

Touch dimmer with memory function

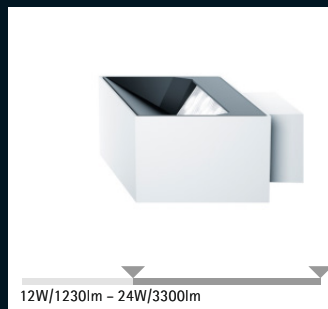
Rotatable through 180°

Work, Community

## Wall luminaires

508

## Ceiling washlights and wall luminaires



Pantrac

516

Wide and deep beam light distributions available

Excellent ceiling washlighting

Large luminaire spacing

Community, Culture



Trion

522

Wide and deep beam light distributions available

RGBW available

High visual comfort with light limiter

Community, Culture



Starpoint

528

Small luminaire dimensions

Light emission available on both sides

Available in chrome

Hospitality

## Floor washlights



Floor washlight XS

534

Small luminaire dimensions

Protection rating IP44

Hospitality



Floor washlight round

540

Large luminaire spacing

Discreet wall detail

Two wattages available

Hospitality, Community



Floor washlight square

546

Large luminaire spacing

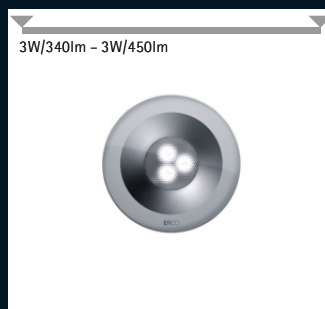
Discreet wall detail

Two wattages available

Hospitality, Community

## Recessed floor luminaires

## Grazing light wallwashers and directional luminaires



Nadir IP67 round

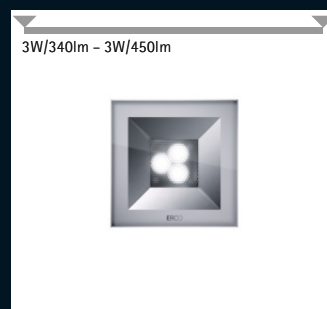
558

Impressive grazing light

Protection rating IP67

Discreet stainless steel framing

Hospitality, Community



Nadir IP67 square

564

Impressive grazing light

Protection rating IP67

Discreet stainless steel framing

Hospitality, Community

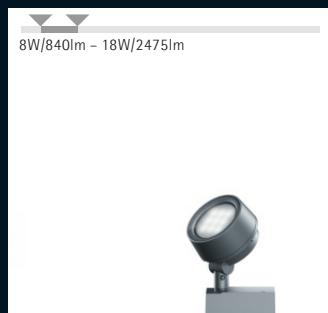
Projectors, floodlights and wallwashers



Kona XS

580

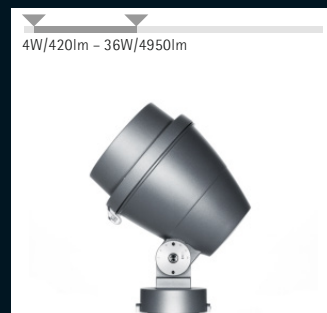
- Small luminaire dimensions
- Small lumen packages available
- Very high visual comfort
- Hospitality, Living



Gecko

586

- Small luminaire dimensions
- High visual comfort
- Oval flood freely rotatable
- Hospitality, Culture



Beamer

592

- Very high visual comfort
- Public, Community, Contemplation



Kona

598

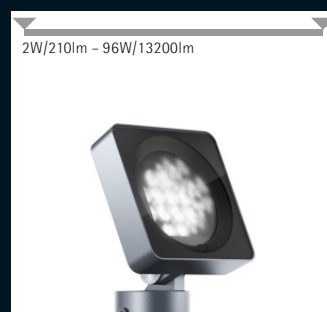
- High visual comfort
- Five sizes
- Dimmable on the luminaire
- Community, Public, Culture



Grasshopper

606

- Small luminaire dimensions
- Hospitality, Culture

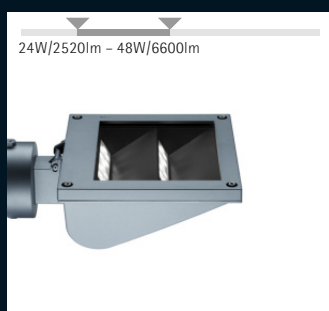


Lightscan

612

- RGBW available
- Five sizes
- Dimmable on the luminaire
- Community, Public, Culture

Wallwashers and ceiling-washers



Parscoop

620

- Extremely uniform wall/ceiling-washlighting
- Large luminaire spacing
- Public, Community

Ceiling washlights, floor washlights and walklights



Lightscan

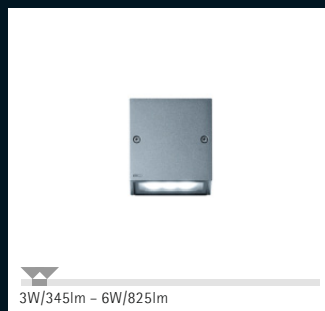
634

Ceiling washlighting

Wide and deep beam light distributions available

Large luminaire spacing

Community



Kubus

640

Floor and facade lighting available

Wide and deep beam light distributions available

Accessories for wall recessing available

Hospitality, Work



Axis walklight

646

High visual comfort

Discreet facade detail

Ideal for steps and paths

Hospitality, Public



Visor

652

Wide and deep beam light distributions available

High visual comfort

Hospitality, Public



Lightmark

658

Wide and deep beam light distributions available

High visual comfort

Hospitality, Public



Cylinder

664

Available as floor and facade lighting

Impressive grazing light

Hospitality, Work



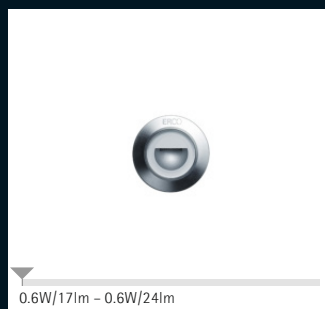
Focalflood

670

Impressive grazing light

Pivotable through 135°

Hospitality, Culture



Orientation luminaires

774

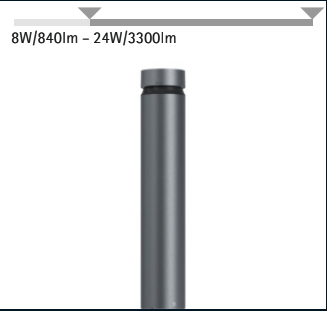
Floor washlights available

Small luminaire dimensions

Hospitality, Community



Floor washlights



Castor 684

Available with 180° or 360° light distribution

---

100% Dark Sky compliant

---

Four sizes



Midipoll 690

360° light distribution

---

100% Dark Sky compliant

---

Grazing light along the luminaire



Kubus 696

Wide and deep beam light distributions available

---

100% Dark Sky compliant

---

Grazing light along the luminaire



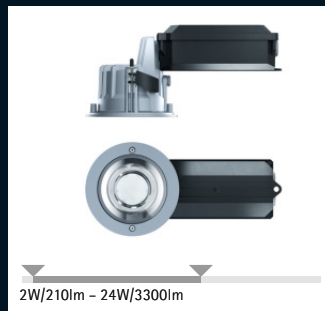
Lightmark 702

Wide and deep beam light distributions available

---

Light emission opening to the front

Downlights, wallwashers and directional luminaires



Quintessence round

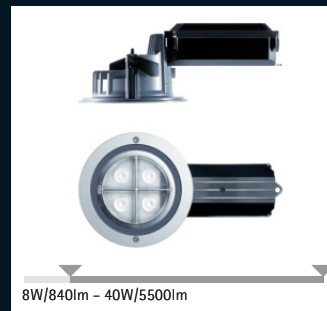
716

Downlights, wallwashers and directional luminaires

Five light distributions

Very high visual comfort

Hospitality



Compact

722

Downlights and wallwashers

Five sizes

High visual comfort

Hospitality

## Surface-mounted luminaires

730

Downlights and wallwashers



Compact

736

Downlights and wallwashers

High visual comfort

Large luminaire spacing

Hospitality, Community



Lightscan

742

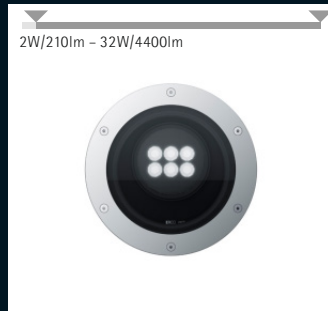
Downlights in three sizes

Large lumen packages for high illuminances

Flat luminaire design

Hospitality, Community

## Wallwashers, uplights and directional luminaires



Tesis round

758

Pivotable directional luminaires for  
accent lighting

High uniformity with wallwashing

Six light distributions



Tesis square

766

Pivotable directional luminaires for  
accent lighting

High uniformity with wallwashing

Six light distributions



Site

780

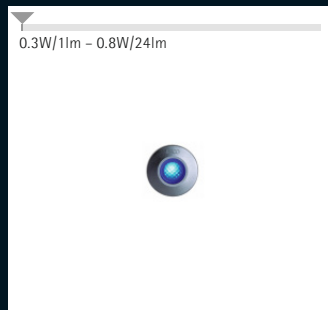
Impressive grazing light

Very high visual comfort

Large luminaire spacing

Public, Hospitality

## Orientation luminaires and floor washlights



Orientation luminaires

774

Floor washlights available

Small luminaire dimensions

Blue LEDs available

Hospitality, Community





# 28,000

possibilities and one system –  
the Eclipse spotlight range

**The art of illuminating**

With innovative darklight lenses, a wide range of accessories, five sizes, three product ranges and a variety of connectivity solutions, Eclipse is the ideal lighting tool for demanding lighting tasks in museums, shops and prestigious public buildings. Maximum flexibility is available for 48V and 220–240V. Discover your Eclipse spotlight: p. 22

# 10,000

lumens, illuminating from large heights with Atrium Downlights

**Sophisticated light for high rooms**

For lighting from room heights of 8m, Atrium offers two new sizes with luminous fluxes of up to 10,000lm. The downlights are ideal for the general lighting of airport terminals or concert halls with room heights of up to 12m with 200lx: see page 50



# 22

millimetres wide:  
Minirail 48V track

**Small cross section, large flexibility**

Minirail 48V track provides the perfect infrastructure for ERCO low-voltage spotlights. This track, with a width of only 22mm, is available in all control variants and various mounting options: p. 44





## Eclipse sets new standards in lighting technology

### **The art of illuminating**

The lighting of museums – and other projects with similar requirements such as those in the luxury retail segment – places the highest demands on lighting tools. The interchangeable lens units with darklight lenses not only create a magical impression with only one light point. They also offer precise, uniform light distributions and wide flexibility in the choice of beam characteristics: ranging from miniaturised lighting in confined spaces with Minirail 48V track and wall-washing in picture galleries to the display of large exhibits in halls and atria.

An extensive range of accessories round off the system – and Eclipse also offers innovative connectivity solutions using wireless standards such as Casambi Bluetooth and Zigbee.

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







## XS

Ideal for small exhibits and shop windows as well as for private use at very short distances

Ø 32mm  
204lm / 2.1W –  
374lm / 3.2W



## S

Perfect for sensitive exhibits and room heights up to 3m

Ø 60mm  
287lm / 3.2W –  
1496lm / 12.7W



## M

Ideal for versatile use in museums and shops with room heights up to 5m

Ø 92mm  
362lm / 4.3W –  
2618lm / 22.2W

## Light for small and large dimensions

Eclipse is available in five sizes – optimised for different applications. To come even closer to our maxim of "light instead of luminaires" we have significantly miniaturised the luminaire dimensions of Eclipse size XS to a diameter of only 32 mm.



## L

Ideal for impressive displays of exhibitions with room heights up to 8m

Ø 130mm  
861lm / 9.5W –  
4312lm / 38.9W



## XL

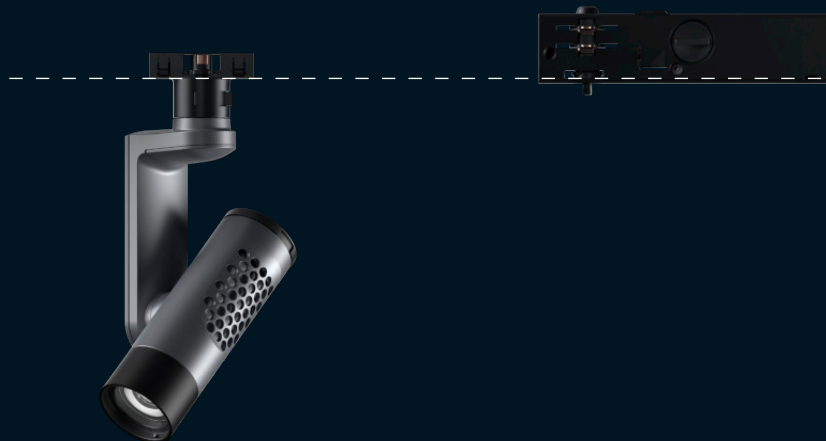
Ideal for very high rooms such as atria and airports

Ø 145mm  
1148lm / 12.4W –  
6468lm / 58.4W

Technical data for sizes  
L and XL subject to  
reservation.

# Eclipse in three product ranges

Would you like a very small luminaire on miniaturised track? Are you looking for a luminaire with an elegant Intrack adapter? Would you like to directly use Eclipse in your existing system? To be able to respond ideally to your needs, we have developed Eclipse in three different variants. With the three versions Eclipse 48V, Eclipse InTrack and Eclipse we offer the right concept for every application.



## Eclipse 48V

**Elegant with small track**

- Small spotlight dimensions
- Combination with the Minirail 48V track
- Accessories for changing to 220-240V track

XS

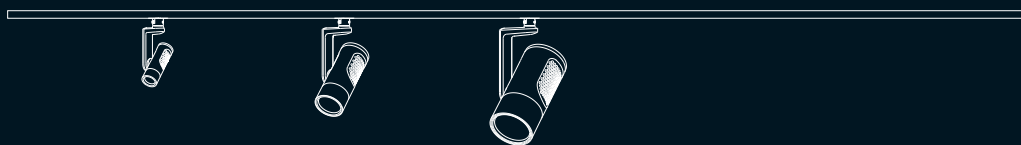
S

M

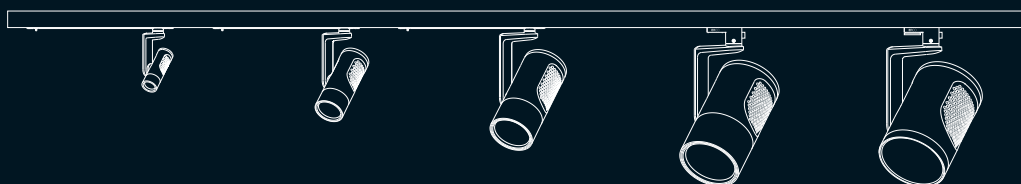
L

XL

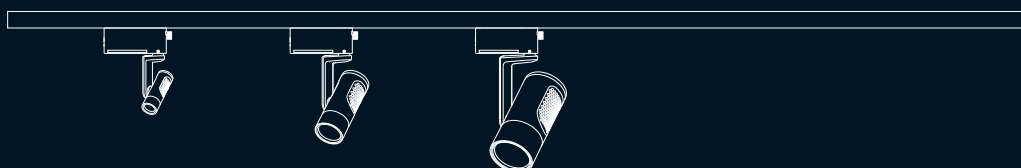
**Eclipse 48V**  
for Minirail 48V track



**Eclipse InTrack**  
for 220-240V track



**Eclipse**  
for 220-240V track





## Eclipse InTrack

In all wattages and connectivity options

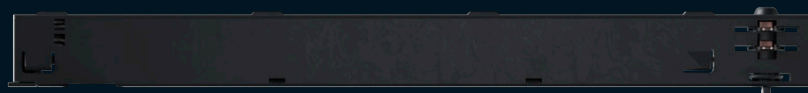
- Five sizes
- Extensive control options
- Power supply unit elegantly concealed as InTrack in the 220-240V track



## Eclipse

Optimised for existing systems

- Transadapter for existing dimmable systems for combination with existing spotlights



+



## Change from 48V to 220-240V with accessories

With the Intrack adapter as an accessory you can use Eclipse 48V spotlights in a 220-240V track.



## Magical darklight lens for highest visual comfort

Eclipse projects light with its darklight lens as precisely as a camera lens focuses light. ERCO thus sets new standards in architectural lighting. The interchangeable darklight lens offers lighting designers maximum flexibility and observers maximum visual comfort.



Eclipse InTrack  
Size S  
Ø 60mm

Image in original  
size



Magical effect due to uniform light  
emission surface



The optical cut-off of up to 60°  
ensures maximum visual comfort  
and glare-free light enjoyment



Precise light distributions for  
point-precise illuminances with no  
spill light



**Select from:**

- 6 spectra from 2700K to 4000K and up to CRI 97 and a further 24 spectra via conversion filter
- Tunable white from 2700K to 8000K
- RGBW with over 16 million colours

**Lenses and filters as accessories:**

- +/- shift of colour temperature
- Optimised colour rendering ideal for museums and shops

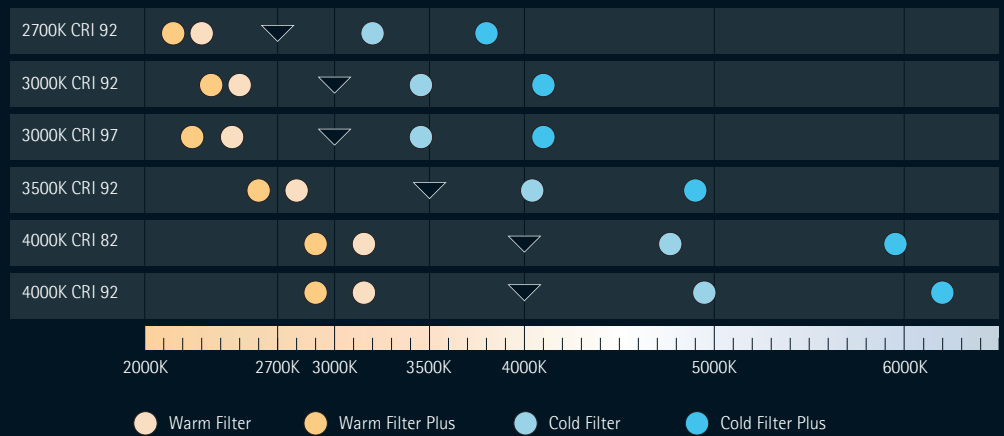
## The right light spectrum for any application

Light must be perfectly matched to material and colour, particularly with art objects. Eclipse therefore offers six different standard spectra for various colour temperature and colour rendering preferences. If this is not sufficient and you need more flexibility in terms of colour temperature, tunable white provides the ideal solution. If you want to display in colour or plan dynamic lighting concepts, Eclipse has the perfect answer in the form of RGBW.



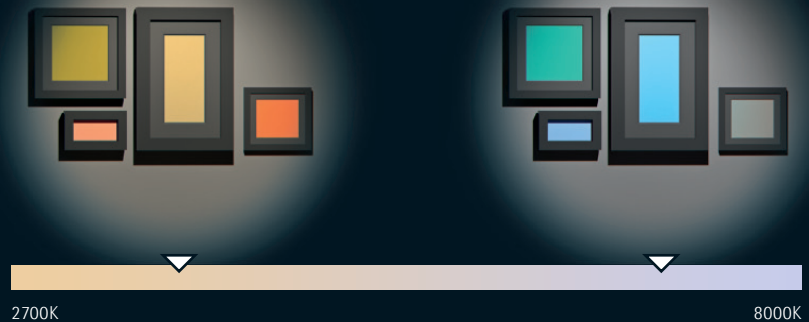
## 6 light spectra for any application

Eclipse gives you the perfect combination of light colour and colour rendering. 3000K CRI 97 is the right choice for the perfect rendering of colours. Maximum energy efficiency is achieved with 4000K CRI 82. Four conversion filters create 24 additional spectra from six LED light colours.



## Nuanced displays with tunable white

Tunable white enables you to perfectly illuminate art and merchandise and ideally emphasise colours. Warm white light colours are suitable for materials with warm tones whilst neutral or cool white light colours are ideal for cool materials.

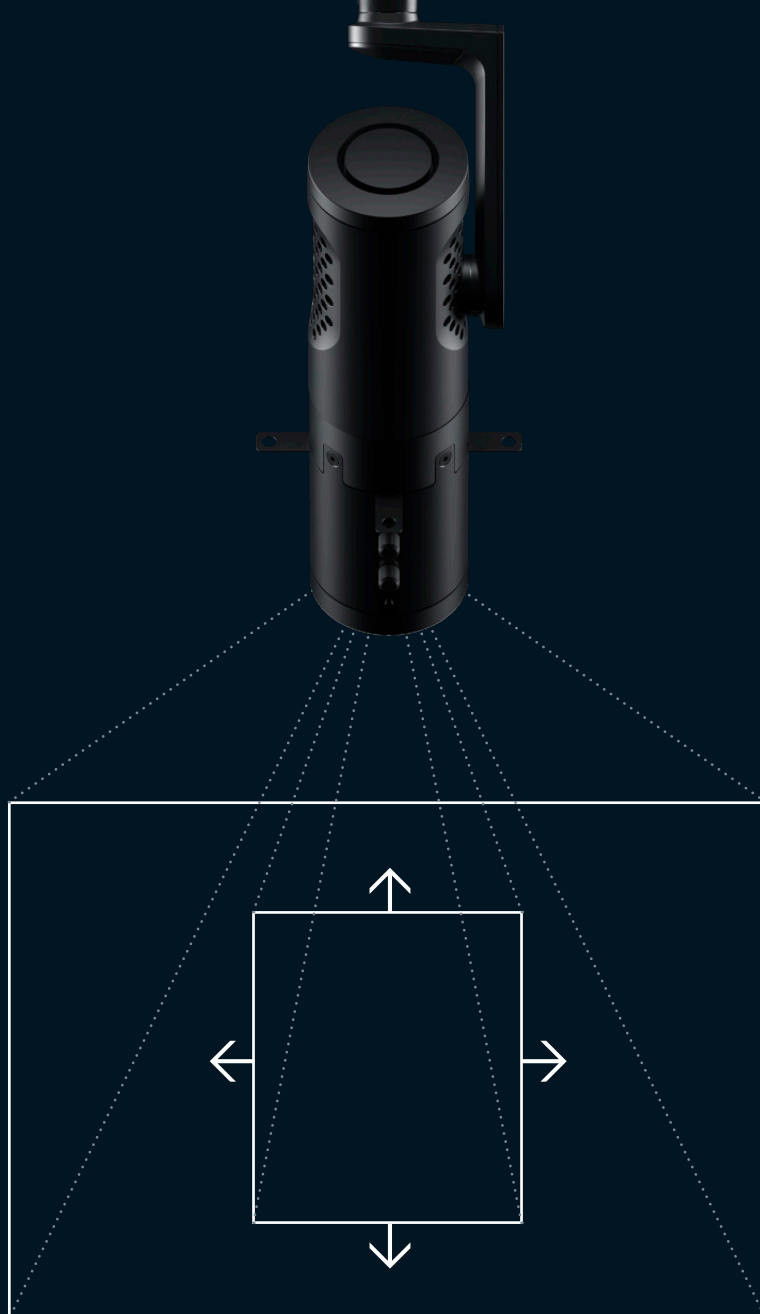


## RGBW luminaires for coloured lighting design

LED-RGBW luminaires enable selection from over 16 million colours and pastel tones. A special optic achieves completely uniform, colour shade-free mixing – ideal for the coloured display of exhibits and merchandise.







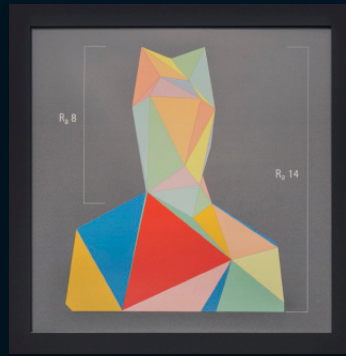
## The best contour spotlight of its kind

The new Eclipse contour spotlight generates a very sharply defined light beam. As a result, fascinating effects can be created where crisply illuminated pictures appear to glow from within – ideal for museums and galleries. With tunable white you can even individually adjust the colour temperature to match the artwork.



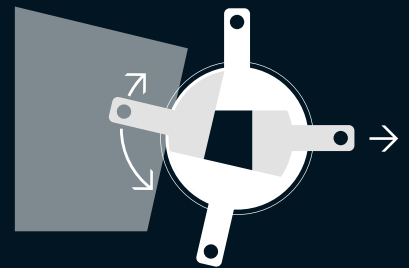
### 3x larger imaging area

The double projection lens produces a very small focal distance and thus a projection image three times larger than previous contour spotlights.



### Crisp-edged imaging area

Eclipse achieves excellent edge sharpness, especially with larger artworks.



### Simple handling

The intuitive pulling out of the framing attachment enlarges the projected area. In addition, the complete luminaire head can be rotated.



### Light-tight housing

Thanks to the closed housing, no unintentional reflections are created in the room and towards the observer.

Im/W

### Maximum efficiency

Eclipse achieves high illuminance even with small luminaire sizes. To crisply illuminate a picture with 50lx from a distance of 4m, you only need 8.2W in size S.

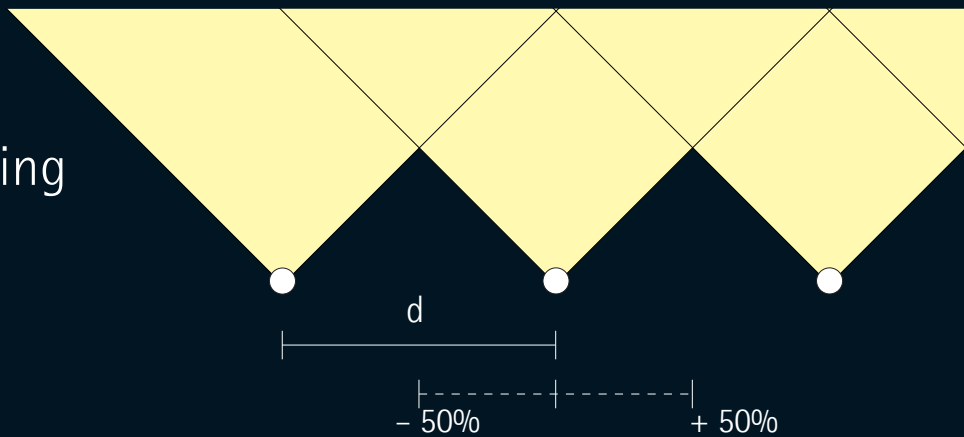
+

### Also available as accessories: contour spotlights

With the contour spotlight attachment as an accessory, a spotlight can be converted into a flexible contour spotlight at any time.

# Creating size and brightness with wallwashing

ERCO has designed Eclipse wallwashers for maximum demands regarding outstanding quality of light. Also noteworthy is their new lighting design flexibility: both luminaire spacing and distance to the wall can vary – perfect for projects with challenging conditions.



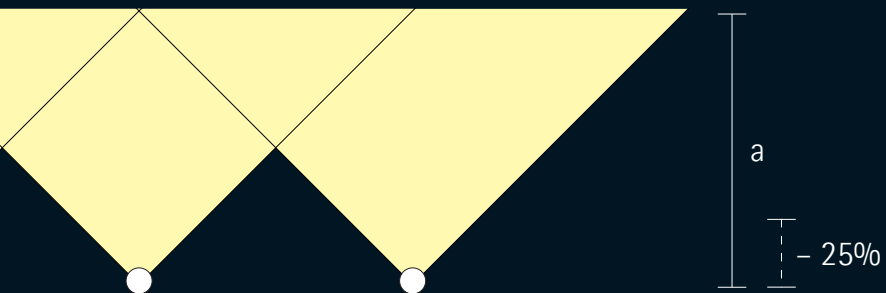
## Perfect wallwashing even in difficult situations

Wallwashers cannot always be positioned on the ceiling in accordance with general planning recommendations, due to beams in the room or air conditioning technology that need to be considered. The new generation of wallwashers enables very uniform light distribution for dif-

ferent luminaire spacings. With a room height of 6m, the luminaire spacing can vary from 1m to 3m. Compared to previous wallwashers, the luminaire distance can vary by +/- 50%, with comparable quality of light on the wall.



- ✓ Light starts very high up on the ceiling
- ✓ Horizontally: very high illuminance uniformity
- ✓ Vertical uniformity enables the wall to appear bright over the entire height
- ✓ Large luminaire spacing reduces the investment costs
- ✓ Perfect visual comfort due to very good glare control



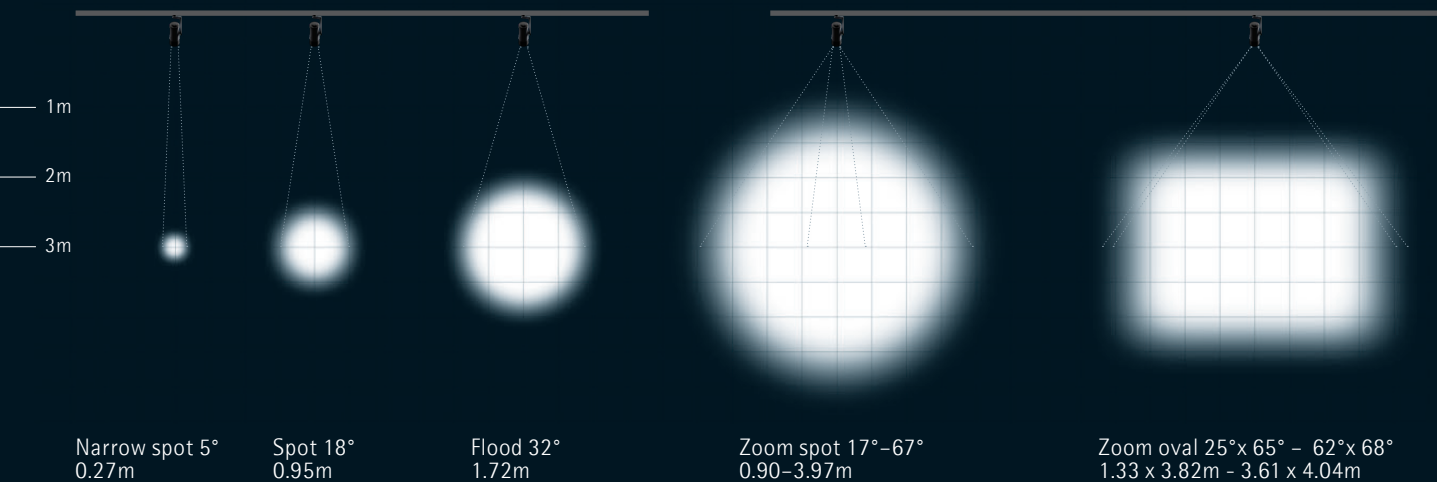
## Variable wall distance

Eclipse wallwashers are suitable for installation close to walls. With a room height of 6m, the new wallwashers can move up to 1.5m away from the wall. Compared to conventional wallwashers, the new Eclipse wallwashers can reduce the distance to the wall by up to 25% with identical quality of light.

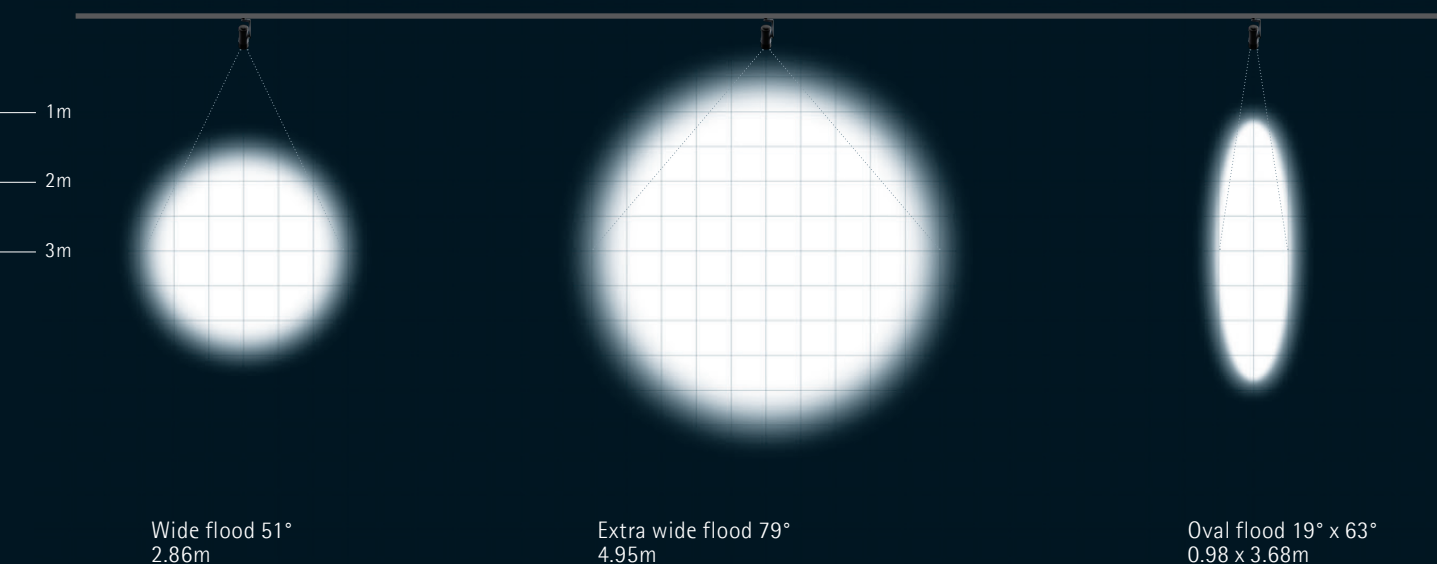


## Spotlights

## Zoom spotlights



## Floodlights

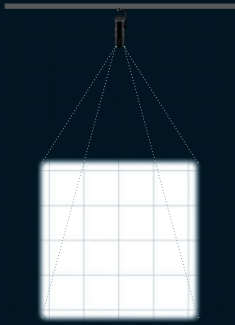


## Everything from accenting to wallwashing

In-house developed optics exploit the full potential of efficiency and quality of light. The lenses guide the light with maximum precision, precisely defined light beams and high illuminances onto the target surface. From crisp-edged accentuation to uniform wallwashing – the complete bandwidth with just one luminaire range.

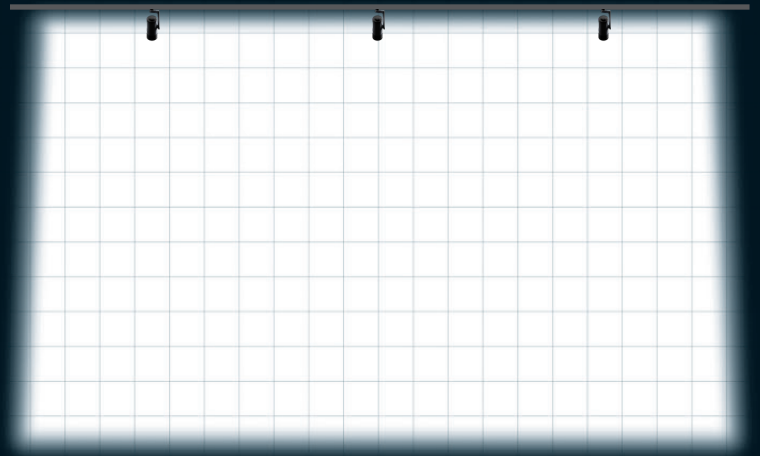
- ✓ Light distributions from narrow spot to wallwash
- ✓ Contour spotlights and zoom spotlights available
- ✓ Lens unit interchanged without tools

## Contour spotlights



Framing 40°  
2.18m

## Lens wallwashers



Oval wide flood 55° x 83°  
3.12 x 5.34m

Wallwash

## Further design options – with Eclipse photometric accessories

Replace the light distribution  
of your spotlight for another  
one without tools



Narrow spot, spot, flood, wide flood, extra wide flood,  
oval flood, oval wide flood or wallwash

# 1

Modulate the light distribution  
with lenses



Softening lens

Sculpture lens

# 2

Modify the light spectrum  
with filters



Cold Filter, Cold Filter Plus or  
Warm Filter, Warm Filter Plus

# 3

Achieve even more visual  
comfort with anti-glare  
elements

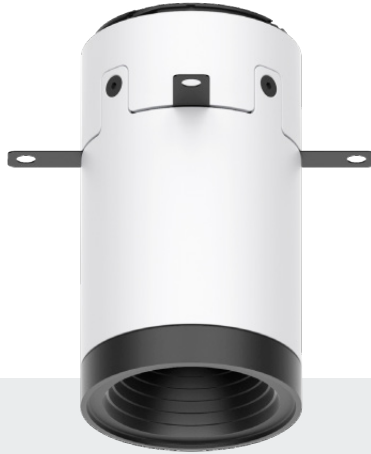


Snoot

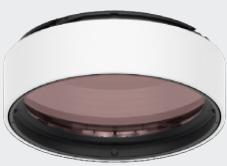
- ✓ Diverse options for additional light distributions, adapted spectra and greater visual comfort
- ✓ Tool-free mounting of accessories
- ✓ Accessories are combinable: supplement your light distribution with up to 3 components



Zoom spot or  
zoom oval



Framing



Skintone Filter or  
Food Filter



Blue Light Filter



Honeycomb louvre



Barn doors 4/8-fold





## Light control in the digital age

Decide for yourself: from simple switching to the wireless programming of light scenes with Casambi Bluetooth or Zigbee – Eclipse gives you the complete range of options. Multi Dim enables you to dim Eclipse with DALI, Push Dim or via phase. On-board Dim gives you the opportunity to additionally adjust the brightness on the spotlight yourself, for example to set illuminance to a fixed value with sensitive works of art. What do you prefer?

Control technology	Switchable	On-board Dim	Phase dimmable	DALI dimmable	Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Casambi Bluetooth	Zigbee 3.0
Eclipse 48V	•	•		• (Gateway)		•	•
Eclipse InTrack	•	•	•	•	•	•	•
Eclipse	•	•	•	•			



### On-board Dim

Dimming via rotary control on the luminaire



### Multi Dim

- ✓ DALI dimmable
- ✓ Push Dim
- ✓ Phase dimmable (leading edge, trailing edge and universal dimmer)

Three control modes in one control unit. Adjust the brightness via phase dimming or Push Dim, or alternatively via DALI in a DALI track.



### Casambi Bluetooth

Control luminaires wirelessly via Bluetooth using a smartphone or tablet without additional hardware. Individual switching and dimming, setting up light scenes and integrating sensors – everything is possible with Casambi Bluetooth, including control via DALI.



### Zigbee 3.0

The wireless Zigbee radio standard is ideal for integrating into building automation systems and smart home networks. Simply control luminaires via smartphone and tablet and take advantage of the extensive control functions.



## Add-on control unit – the new connectivity interface

### On-board Dim

Rotary control on the luminaire for manual dimming.

### Casambi Bluetooth + DALI via Gateway

Wireless switching, dimming and programming via Casambi Bluetooth with a smartphone or tablet – also for RGBW and tunable white.

Connect your Casambi Bluetooth luminaires wirelessly to a DALI Gateway (accessory) and control them in this way with your DALI system.

### Zigbee 3.0

Wirelessly integrate your luminaires into your building automation via the Zigbee add-on control unit and a gateway.



# Eclipse in the application

Whether as a tunable white solution in museums, as a miniaturised spotlight in display cases, as a spotlight mounted at a large height or for brilliant accenting in the premium retail sector – Eclipse consistently meets all the requirements placed on a modular spotlight system.









## 1 ERCO lenses

- made of optical polymer
- Darklight lens: Narrow spot, Spot, Flood, Wide flood or Extra wide flood
- Spherolit lens: Oval flood, Oval wide flood or Wallwash
- Zoom lens: Zoom spot and zoom oval; infinitely variable focus
- Projection lens: framing; infinitely variable focus

## 2 Lens unit

- rotatable through 360°
- polymer, white or black
- Contour spotlight with framing attachment

## 3 ERCO LED module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K), tunable white (2700K-8000K) or RGBW
- collimating lens made of optical polymer

## 4 Housing and bracket

- white (RAL9002), black or silver
- diecast zinc or cast aluminium, powder-coated
- pivotable from 0° to 270°
- bracket: cast aluminium/polymer; can be rotated through 360° on the adapter

## 5 Eclipse 48V control gear

- switchable, On-board Dim, Casambi Bluetooth or Zigbee
- On-board Dim version: rotary control for control of brightness on the luminaire

## Eclipse InTack control gear

- switchable, On-board Dim, Multi Dim, Multi Dim+On-board Dim, Casambi Bluetooth or Zigbee
- Multi Dim version: DALI dimmable, Push Dim or dimming with external dimmers (leading edge-/trailing edge-/ universal dimmer) possible.
- On-board Dim version: rotary control for control of brightness on the luminaire

## Eclipse control gear

- switchable, phase dimmable + On-board Dim or DALI dimmable
- Phase dimmable + On-board Dim version: dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

## 6 ERCO Minirail adapter, InTrack adapter, transadapter or DALI transadapter

### Variants on request

- housing: 10,000 further colours

Please contact your ERCO consultant



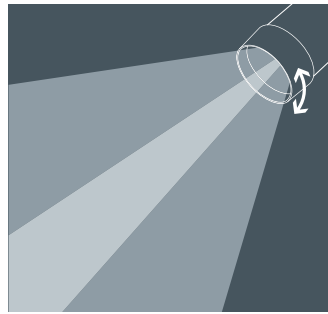
Article numbers and planning data:  
[www.erco.com/Eclipse](http://www.erco.com/Eclipse)

Design and application:  
[www.erco.com/Eclipse](http://www.erco.com/Eclipse)



#### Darklight lens

The darklight lens creates a magical impression with just one light point. It also offers precise, uniform light distributions, wide flexibility in the selection of beam characteristics and state of the art efficiency.



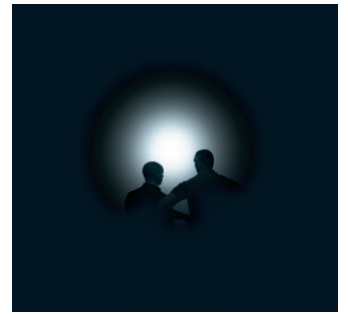
#### Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (17°) to wide flood (67°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



#### Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to glow from within.



#### Various light distributions

Various light distributions enable simple adjustment to the specific lighting task. Possible light distributions range from very narrow accenting to wide floodlighting and wallwashing.



#### RGBW luminaires

With coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



#### Tunable-white technology

Analogue to the continuously changing colour temperature outdoors during the course of the day, the colour temperature of indirect lighting indoors can also be adapted, for example to support lighting concepts for Human Centric Lighting applications.



#### Diverse accessories

Accessories enable you to match lighting tools to special applications. For example with conversion filters, barn doors, snoots or interchangeable lens units for different light distributions.



#### Connectivity

The appropriate interface is always available thanks to wireless technologies such as Casambi Bluetooth and Zigbee or control via DALI. Add-on control units allow you to change selected control types.

#### Special characteristics



Efficient darklight technology



Zoom spotlights



Contour spotlights



Tunable white



Coloured light



ERCO high-power LEDs



Visual cut-off 30°/40°



Various light distributions



Oval flood freely rotatable



Various light colours



Outstanding thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessories for maximum visual comfort



Switchable



On-board Dim



Multi Dim



Multi Dim + On-board Dim



Casambi Bluetooth



Zigbee

## Minirail 48V track

### **Small cross section, large flexibility**

With Minirail, ERCO offers a miniaturised alternative to the classic ERCO track as the basis for flexible lighting systems: the elegant infrastructure for lighting in the digital age. Minirail is operated with 48V. The system requires only two conductors and features a significantly reduced profile cross section: ideal for all situations requiring the smallest possible system dimensions, whether for aesthetic or technical reasons. In combination with

correspondingly compact luminaires for Minirail, high quality lighting can be realised in the smallest of spaces. The 48V operating voltage represents an optimum in terms of safety and efficiency.

[www.erco.com/minirail-48V](http://www.erco.com/minirail-48V)



- ✓ Miniaturised track with many installation options
- ✓ 48V low voltage for high energy efficiency and low operating costs
- ✓ Extensive accessories and modern connectivity solutions



## 100% flexible 70% smaller

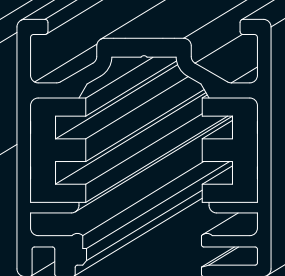
The new Minirail 48V track has the same variety of accessories as the familiar ERCO track but with only a quarter of the cross section.

33.5mm  
15.5mm

M1:1

22mm

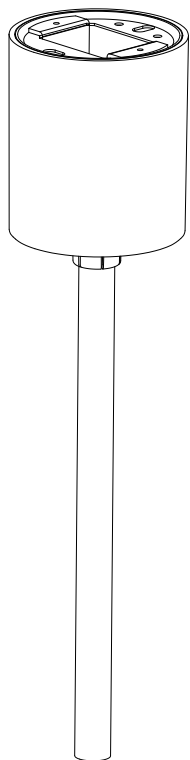
Minirail  
48V track



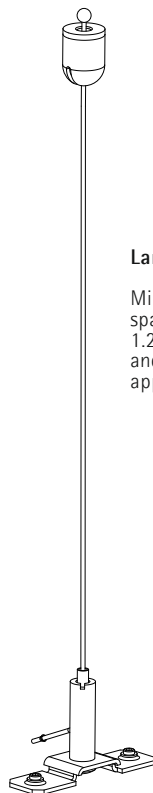
33.5mm

ERCO 220V-240V track

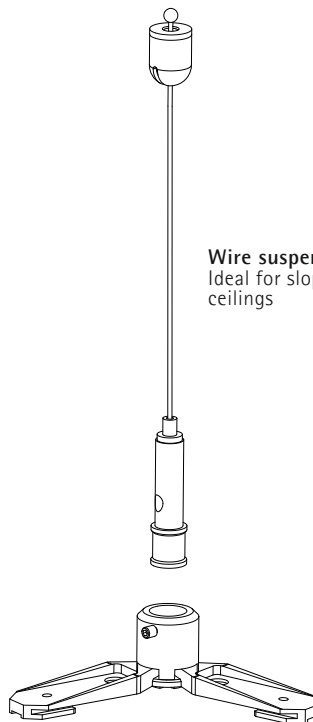




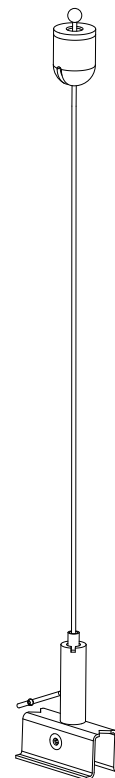
**Pendant tube**  
For high loads and elegant power feeds



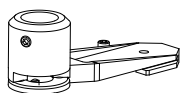
**Large spacing**  
Minirail enables spacing of up to 1.2m for a calm and elegant ceiling appearance.



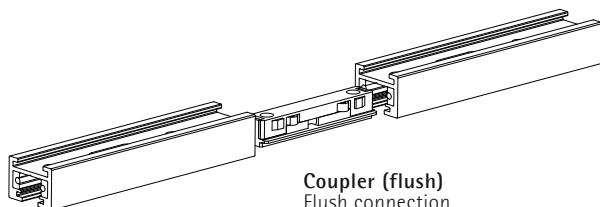
**Wire suspension**  
Ideal for sloping ceilings



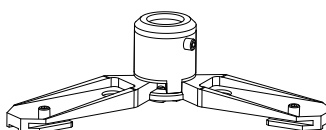
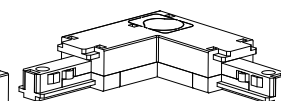
**Corner connector**  
For 90° track connection



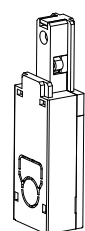
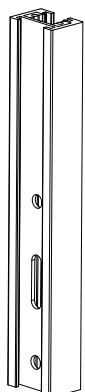
**Multiflex connector**  
Unlimited track arrangement



**Coupler (flush)**  
Flush connection of track



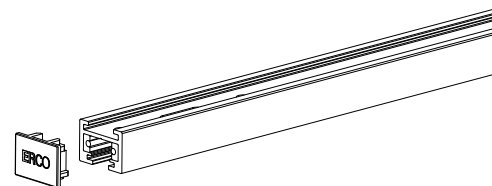
**Flexible connector**  
For individually adjustable angles



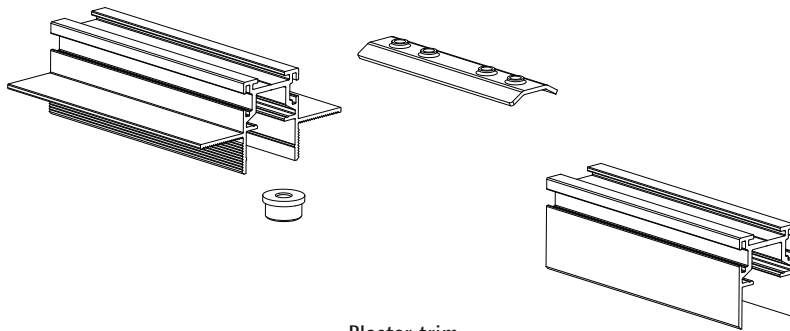
## Large system on a small scale

Various mounting options are available for Minirail 48V track:

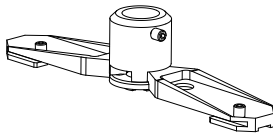
- Recessed and surface-mounted version
- Use in suspended ceilings
- Suspension via wires or pendant tubes
- Installation in furniture, e.g. display cases



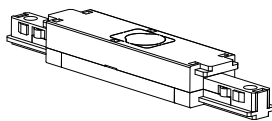
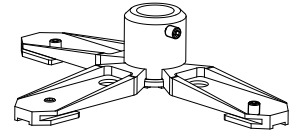
**Track**  
Minirail 48V track is available in lengths of 1m, 2m and 3m.



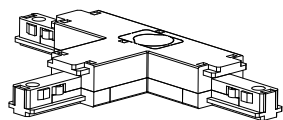
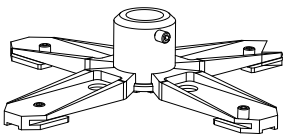
**Plaster trim profile**  
For flush mounting on the ceiling



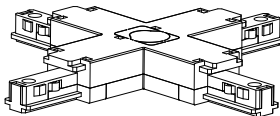
**Fastening clip**



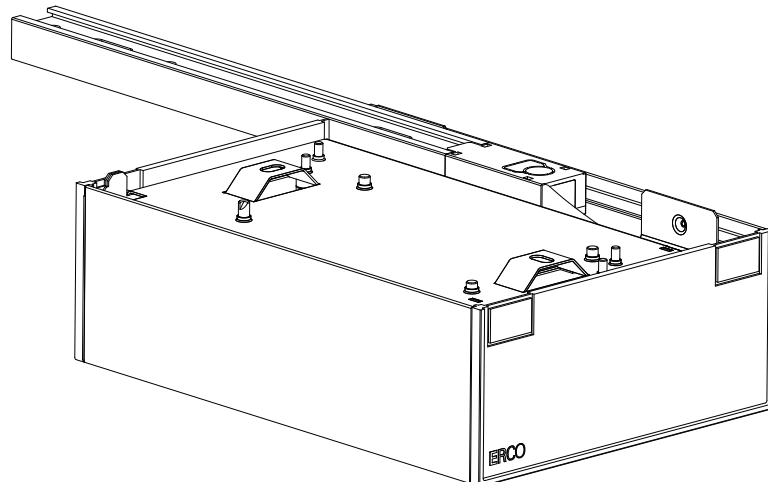
**Longitudinal connector**  
For power feeding and connecting track



**T-connector**  
For right-angled structures – also with suspended versions



**Cross connector**  
Interface for Minirail 48V track in all directions – also with the suspended version.

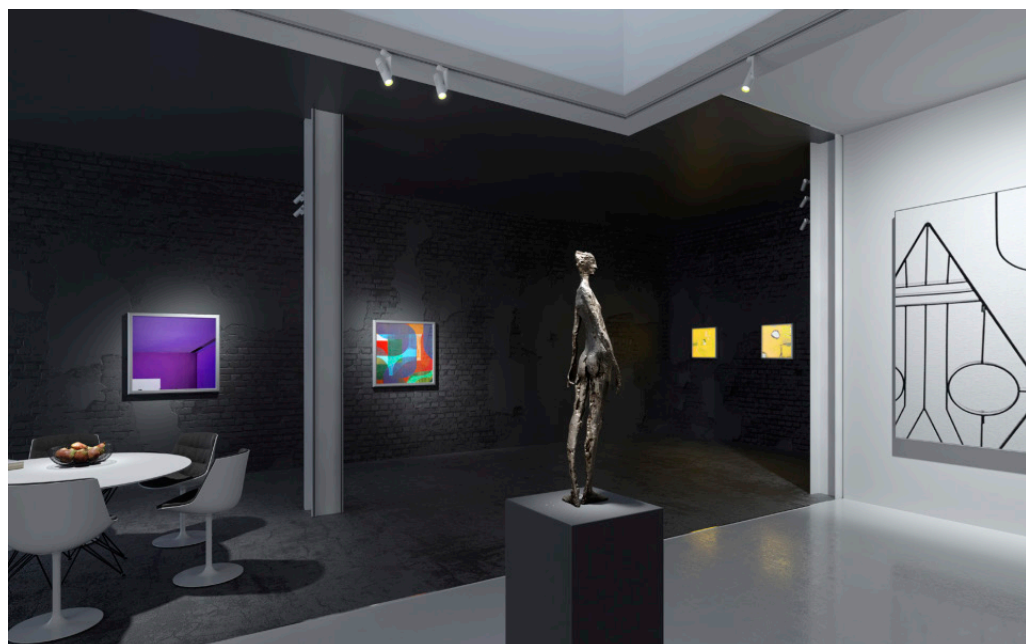


**Power supply unit**  
With 50W and 250W, suitable modular power supply units for a few or many luminaires are available as recessed and surface-mounted variants. Interconnecting the power supply units enables 100W and 500W.



## Minirail 48V track in application

In shops, museums and galleries – with its small profile cross section the Minirail 48V track is the elegant infrastructure for lighting in the digital age.





Size 8  
Ø 255mm



## Atrium double focus – two new sizes with up to 10,000lm

The high luminous fluxes of Atrium double focus recessed downlights in sizes 8 and 10 are ideal for rooms with high ceilings. To gain 200lx with good uniformity on the floor in a 10m high foyer, only 4 luminaires are required for 100m<sup>2</sup>. The black anti-glare cone also ensures a very high level of visual comfort.



Size 10  
Ø 308mm



Very high visual comfort



Ideal for high rooms of  
8-12m



Atrium double focus downlights  
are now available in five sizes



**Size 3**  
Ø 113mm  
wide flood



**Size 5**  
Ø 177mm  
wide flood



**Size 7**  
Ø 221mm  
wide flood

200lx

810lx

244lx

205lx

## The right size for every lighting task

Particularly high rooms such as airport terminals and concert halls demand high-lumen output luminaires. To achieve luminous fluxes of up to 10,000lm, Atrium double focus recessed downlights have been expanded with two additional wattage categories. This enables you to illuminate efficiently and with high visual comfort even from very high ceilings.

[www.erco.com/atrium-df](http://www.erco.com/atrium-df)



Size 8  
Ø 255mm  
wide flood  
New



Size 10  
Ø 308mm  
wide flood  
New

1m

2m

3m

1840lx

4m

2560lx

5m

6m

7m

440lx

8m

600lx

9m

280lx

10m

380lx

11m

260lx





## Atrium double focus in application

Designed for the general lighting of large, high rooms. The new downlights with up to 10,000lm extend the application options of the product range: as a low-maintenance and efficient lighting solution for circulation buildings and also as general lighting in concert halls, dimmable down to 0.1%.





# Additions to the ERCO product range



## Now wirelessly control recessed luminaires

With Casambi Bluetooth, ERCO enables luminaires to be controlled simply, intuitively and quickly via radio. Following luminaires for track, the technology has now been expanded to include recessed downlights and recessed spotlights.



## Motion and daylight sensor for the ERCO track

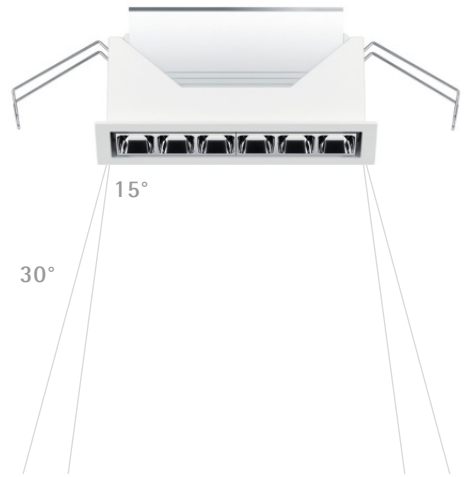
With the Casambi Bluetooth sensor for ERCO track, light scenes can be controlled depending on movement and the incidence of daylight. This creates convenience functions that can be set up intuitively using a smartphone or tablet.

All ERCO luminaires with Casambi Bluetooth at a glance:  
[www.erco.com/casambi](http://www.erco.com/casambi)

**Compar linear recessed downlights now also with 15° or 30° light distribution**

General lighting with excellent visual comfort, even in high rooms. With spot (15°) and flood (30°) light distribution, Compar now offers lighting designers additional design options with just one luminaire range.

[www.erco.com/compar-linear](http://www.erco.com/compar-linear)



**Compar mounting frame for ceiling channels**

ERCO now offers suitable mounting frames in 3 sizes for the flush installation of Compar linear in on-site ceiling channels. In this way, calm and elegant ceiling lines are created for quality appearances.

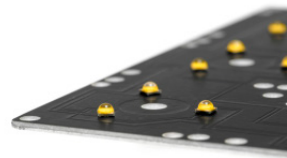
[www.erco.com/compar-linear](http://www.erco.com/compar-linear)



**Jilly downlights with more lumen output**

Are you looking for a standard-compliant, economical lighting concept for offices? Jilly, the downlight for track, has been expanded with a further wattage, and with 2700lm and wide light distribution enables flexible and efficient office lighting.

[www.erco.com/jilly-t](http://www.erco.com/jilly-t)



**LED update for higher efficiency**

An LED update for the Jilly range of luminaires, spotlights in the Basic range and tunable white Quintessence downlights among others increases the efficiency and quality of light of these lighting tools.



## Six white light spectra available in the complete range

In order to optimally display different material colours or to create a special light atmosphere in the room, all indoor luminaires in the ERCO range with high-power LEDs are available in six white light spectra. The colour temperature ranges from 2700K to 4000K. For particularly good colour rendering in museums, a version with CRI 97 for 3000K is also available. There is also a version with 4000K CRI 82 for combining with daylight and the requirement for very high luminous efficacy of up to 138lm/W.

	2700K CRI 92
⬇	3000K CRI 92
	3000K CRI 97
	3500K CRI 92
	4000K CRI 82
	4000K CRI 92



#### 2700K CRI 92

- Very warm light colour
- Suitable for warm-toned materials
- Ideal for restaurants, hotels and living areas



#### 3000K CRI 92

- Warm white light colour
- High luminous efficacy
- Universal use



#### 3000K CRI 97

- Warm white light colour
- High colour rendering
- Ideal for museums and galleries



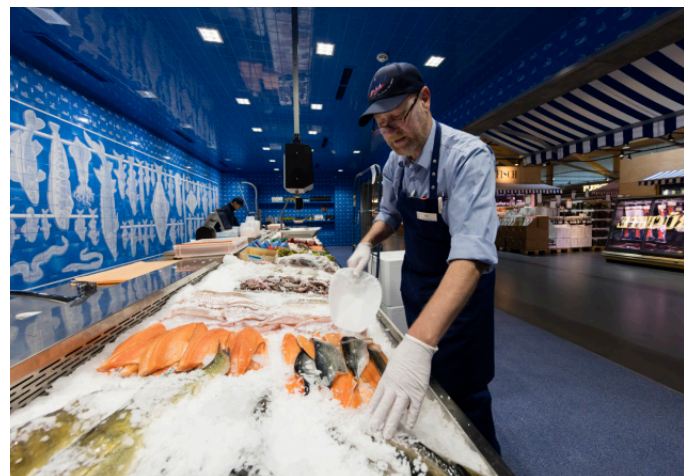
#### 3500K CRI 92

- Neutral white light colour
- High colour rendering
- Ideal for shops



#### 4000K CRI 82

- Neutral white light colour
- Very high luminous efficacy
- Suitable for objects with cool colours



#### 4000K CRI 92

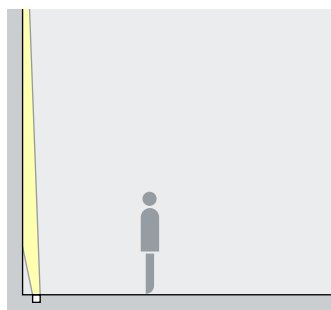
- Neutral white light colour
- Harmonious colour ratio with incidence of daylight
- Suitable for merchandise with cool colour tones



## Work – indoor and outdoor luminaires for office and administration buildings

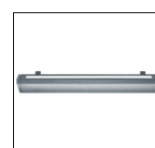
The lighting of office buildings encompasses more than the workplace and meeting rooms – it also includes the path and facade lighting outdoors. Concentrated work demands pleasant work surroundings with high visual comfort. As well as appropriate illuminance levels, this also includes optimum glare control and the balancing effect of vertical illuminance. A particular strength of ERCO is its downlights for track – a flexible and economical alternative to classic recessed luminaires.

Find out more:  
[www.erco.com/work](http://www.erco.com/work)

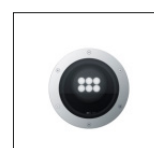


### Outdoors: Representing with light

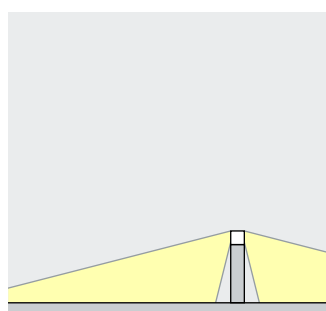
Facades, entrances and reception areas are the first opportunities for companies to present their corporate identity via the office architecture. Light sculpts the architecture and subtly communicates attributes such as openness and transparency.



Facade luminaires  
p.626



Recessed floor luminaires  
p.748

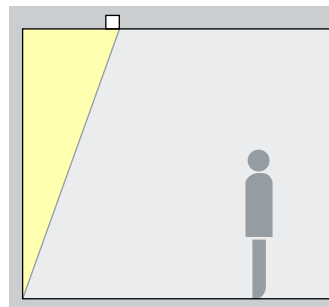


Bollard luminaires  
p.676



## Vertical light for the first impression

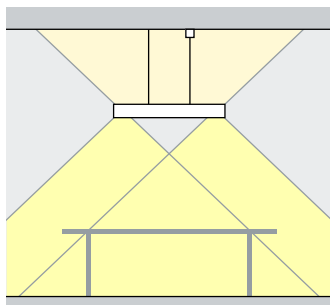
Wallwashing communicates a welcoming gesture in the reception area. Bright walls lend the room depth and create a high impression of brightness. When wallwashed, foyers with glazed facades for example can be viewed from the outside and communicate a sense of openness and transparency to customers, employees and suppliers.



Recessed  
luminaires  
p.306



Recessed  
luminaires  
p.306



## Illuminating conference rooms

Direct, personal discussions enable efficient agreement processes in daily work. For a harmonious impression during discussions at conference tables or during video conferences, good lighting is indispensable both for discussion participants and the room itself.

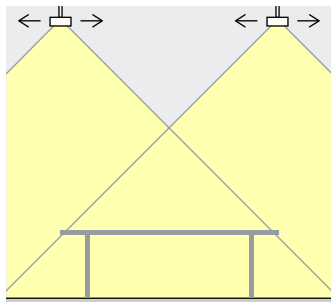


Pendant  
luminaires  
p.456



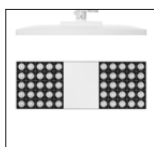
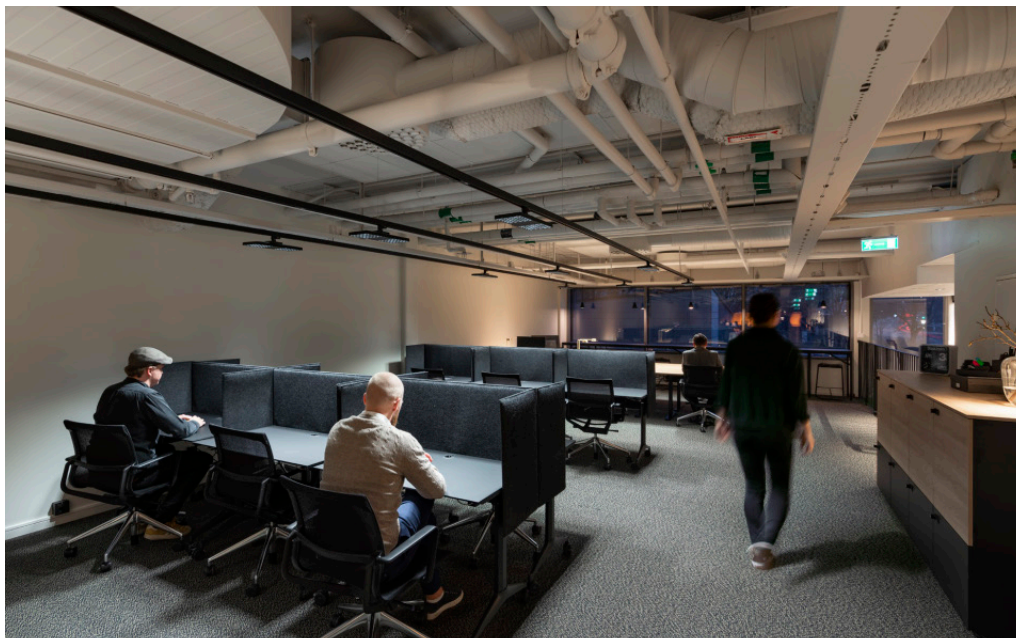


## Work – indoor and outdoor luminaires for office and administration buildings

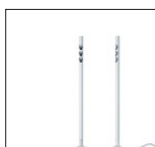


### Flexible workstation lighting

Modern companies work with changing teams and methods. Downlights that can be moved in the track are the ideal solution for a flexible office infrastructure.



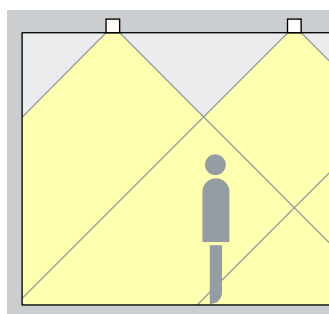
Luminaires  
for track  
p.120



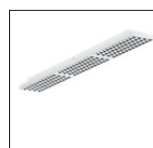
Task lights  
p.496

### Integrated office lighting

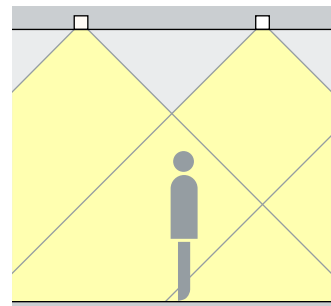
A zoned, ceiling-integrated lighting concept with especially small luminaires achieves a calm ceiling appearance. Downlights with excellent glare control and oval wide flood light distribution support office activities and provide uniform general light.



Recessed  
luminaires  
p.306



Surface-  
mounted  
luminaires  
p.402



## Illuminating circulation routes

Good orientation improves the comprehension of a building and therefore the levels of user acceptance. Luminaires with linear oval flood light distributions are ideal for the efficient lighting of corridors and circulation routes.



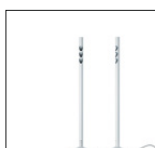
**Luminaires for track**  
p.120



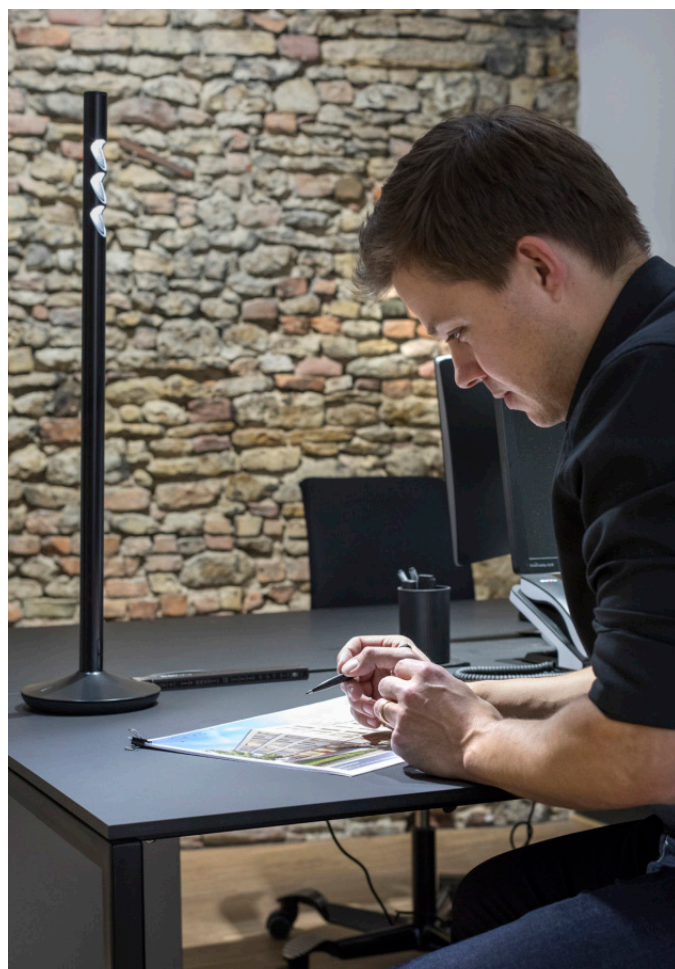
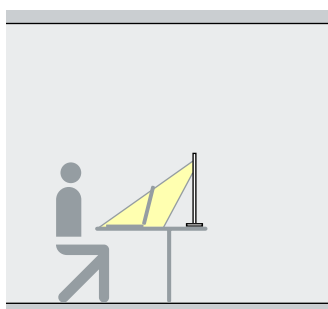
**Recessed luminaires**  
p.306

## Light for thinking

ERCO task lights support creative work at desks with high visual comfort and a precise light beam – also in the home office at your own desk.



**Task lights**  
p.496

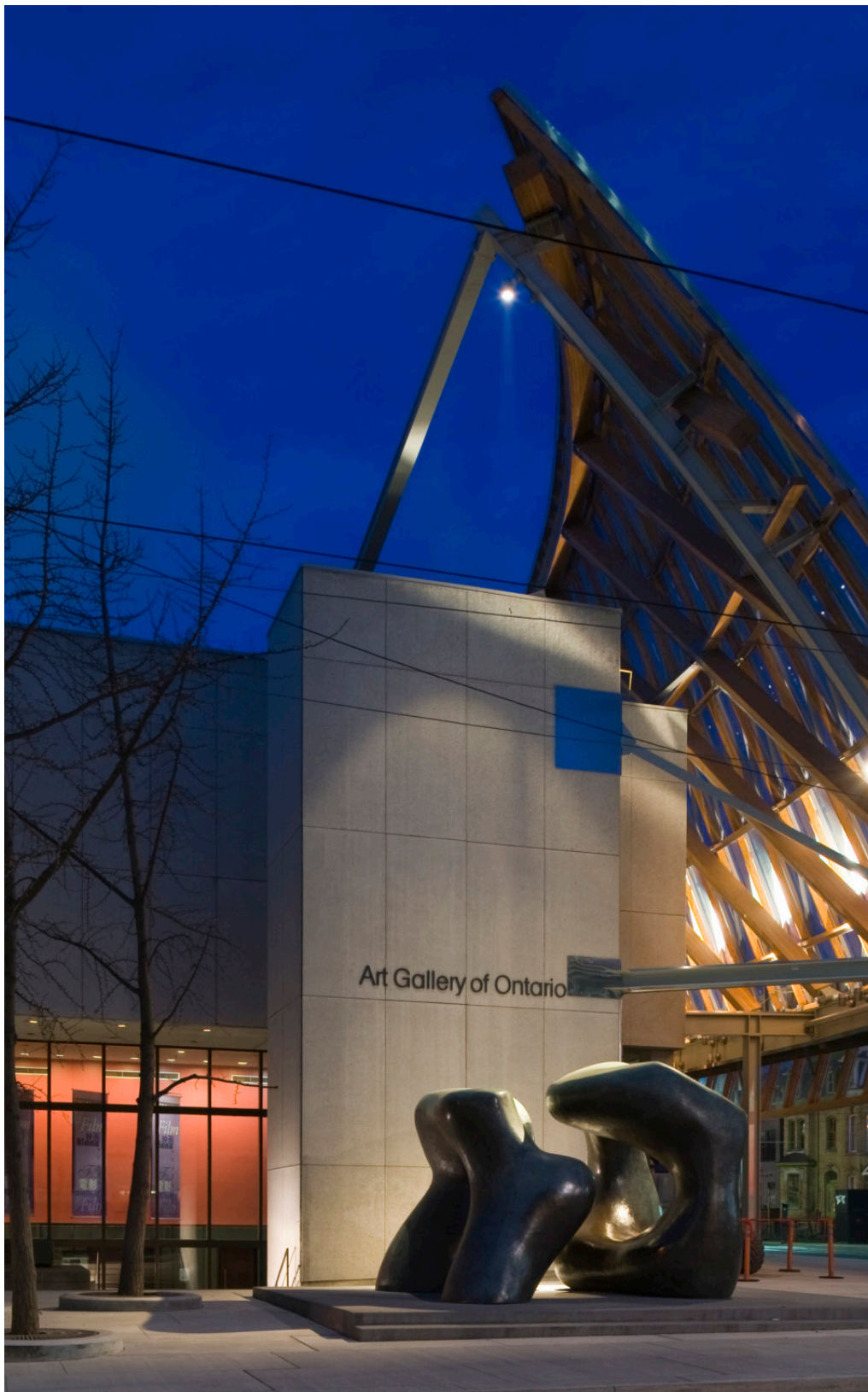




## Culture – indoor and outdoor luminaires for museums and galleries

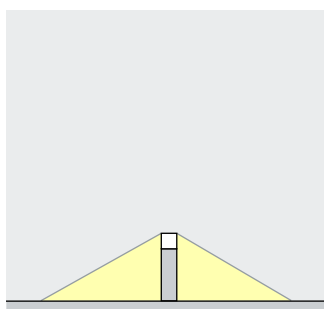
Museum lighting begins with accentuating light for outdoor sculptures and extends to suitable lighting tools for sensitive exhibits in the exhibition spaces. Lighting design options in museums and galleries are, however, not merely restricted to the presentation of works of art. We show you how light is able to upgrade exhibition spaces to become qualitative cultural brands – ranging from sculpture gardens to the shop and café.

Find out more:  
[www.ercos.com/culture](http://www.ercos.com/culture)



### Outdoors: Welcoming with light

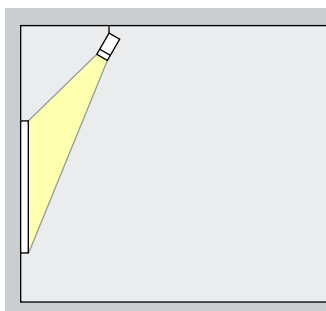
At night, light transforms museums into urban landmarks by rendering its facade and outdoor exhibits visible. Accents in the foreground adopt the role of orientation points from afar.



Projectors,  
floodlights and  
wallwashers  
p.570



Bollard  
luminaires  
p.676



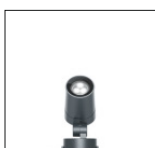
**Luminaires  
for track**  
p.120



**Recessed spot-  
lights, flood-  
lights and  
wallwashers**  
p.240

## Making art an experience

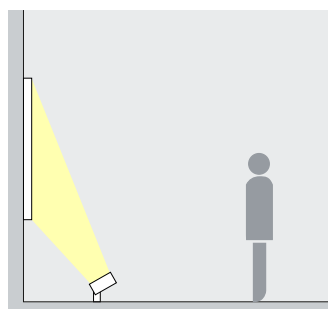
Light renders art perceivable for visitors. Spotlights with different light distributions are ideal for accentuating art.



**Projectors,  
floodlights and  
wallwashers**  
p.570

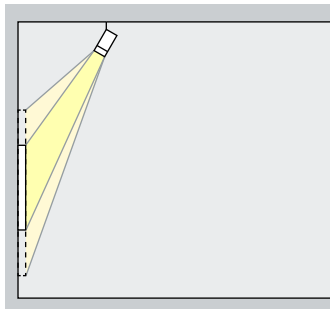


**Recessed floor  
luminaires**  
p.748





## Culture – indoor and outdoor luminaires for museums and galleries



### Crisp-edged illumination

Ideally illuminating exhibits of different sizes is their speciality: contour and zoom spotlights enable adjustable light distributions.



Luminaires  
for track  
p.120



Luminaires  
for track  
p.120

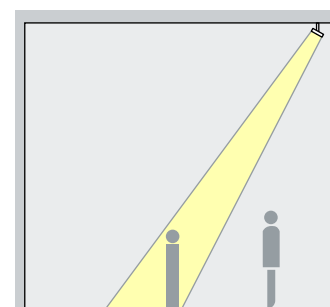


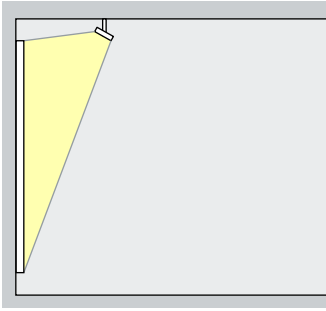
### Displaying art from large distances

High lumen-output luminaires are needed to illuminate sculptures and art from large distances in high rooms. ERCO offers reliable and efficient lighting tools.



Luminaires  
for track  
p.120





## Uniformly illuminating art

Wallwashing with high uniformity is suitable for illuminating works of art in museums, lighting shelving in sales areas and creating a wide and prestigious spatial impression in foyers.



**Luminaires for track**  
p.120

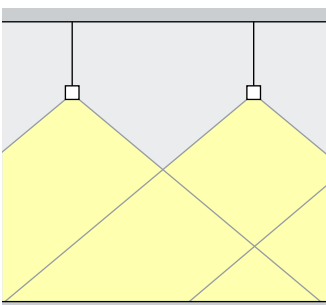


**Recessed luminaires**  
p.306



## Attractive light for shops and cafés

Museum shops and cafés are an important source of earnings and also contribute to establishing the brand of the cultural institution. Ideal lighting is achieved with a combination of wallwashing and accents.



**Pendant luminaires**  
p.456



**Luminaires for track**  
p.120



**Recessed spotlights, floodlights and wallwashers**  
p.240



## Shop – indoor and outdoor luminaires for the world of shopping

Impressive facade lighting and shop window lighting as well as attractive product displays contribute to the success of shops. Light not only showcases the products, but also determines the atmosphere, and therefore strengthens the direct shopping experience. Light is presented in seductive or tempting ways according to the season to arouse new emotions with regard to merchandise. The unique presentation of the space and its products with the use of light provides an essential component in its dialogue with customers.

[www.ercos.com/shop](http://www.ercos.com/shop)

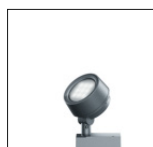


### Creating a presence outdoors

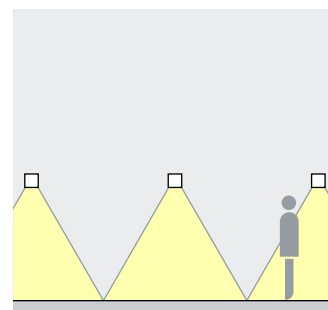
Illuminated facades create attention and separate the important from the unimportant. Grazing light for example provides the exteriors of shops with a prestigious appearance.



Facade luminaires  
p. 626.

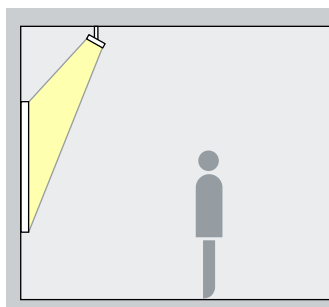


Projectors, floodlights and wallwashers  
p. 570.



### Attracting the eye to the shop window

Shop windows create attention and curiosity. With high-contrast accent lighting you can effectively highlight merchandise and thus direct the attention of customers to your shop.



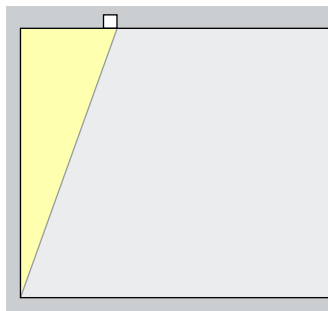
Luminaires for track  
p. 120.





## Leading customers into the shop

Light attracts. Lighting is therefore an indispensable medium for directing attention to the shop. Vertical lighting provides an ideal insight into the retail space and guides customers into your shop.



**Luminaires for track**  
p. 120.



**Recessed spotlights, floodlights and wallwashers**  
p.240



**Recessed luminaires**  
p. 306.







## Creating shopping experiences with light

By using various illuminance levels and light distributions a visual hierarchy is created, products are placed in the foreground and customers are specifically guided through the store.



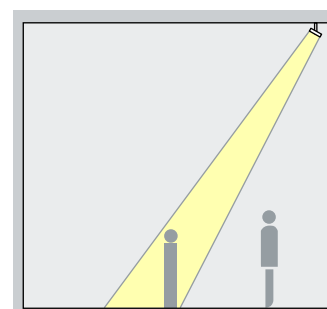
Luminaires for track  
p. 120.



Recessed spotlights, recessed floodlights and recessed wallwashers  
p. 240.



Recessed luminaires  
p. 306.







## Promoting customer loyalty

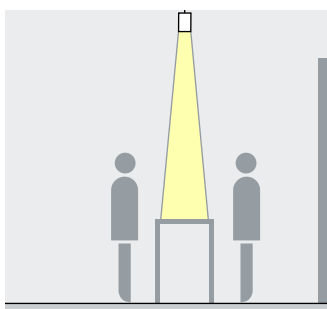
Individual advice and consultation is the strength of the over-the-counter retail trade. In such cases light not only facilitates this communication but also emphasises the brand message. Pleasant, uniform lighting at face height is a part of this.



Luminaires for track  
p. 120.



Pendant luminaires  
p. 456.





## Community – indoor and outdoor luminaires for public buildings

Lighting for large facades, high foyers and multifunctional conference rooms are the focus of lighting design. Buildings for public administration, educational facilities, theatres, congress centres, railway stations and airports reflect the needs and reality of a society. Creating new features or maintaining existing structures provides both opportunities and responsibilities for planners and

designers. Care and quality in all planning aspects are decisive. Light assumes much more than just functional tasks – it also determines the character and representative symbolic force of public buildings.

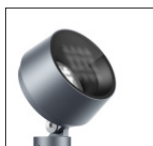
[www.erco.com/community](http://www.erco.com/community)



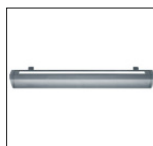
### Lighting facades

Light plays a crucial role when providing public buildings with a prestigious identity.

It emphasises the architecture in its urban context. ERCO floodlights impressively showcase large facades.



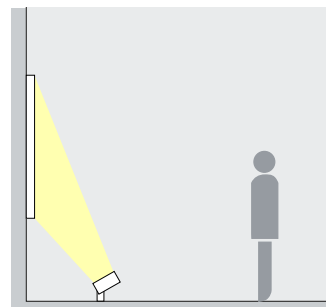
**Projectors, floodlights and wallwashers**  
p.570

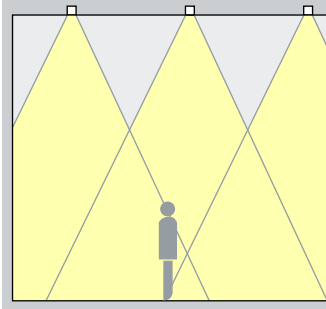


**Facade luminaires**  
p.626



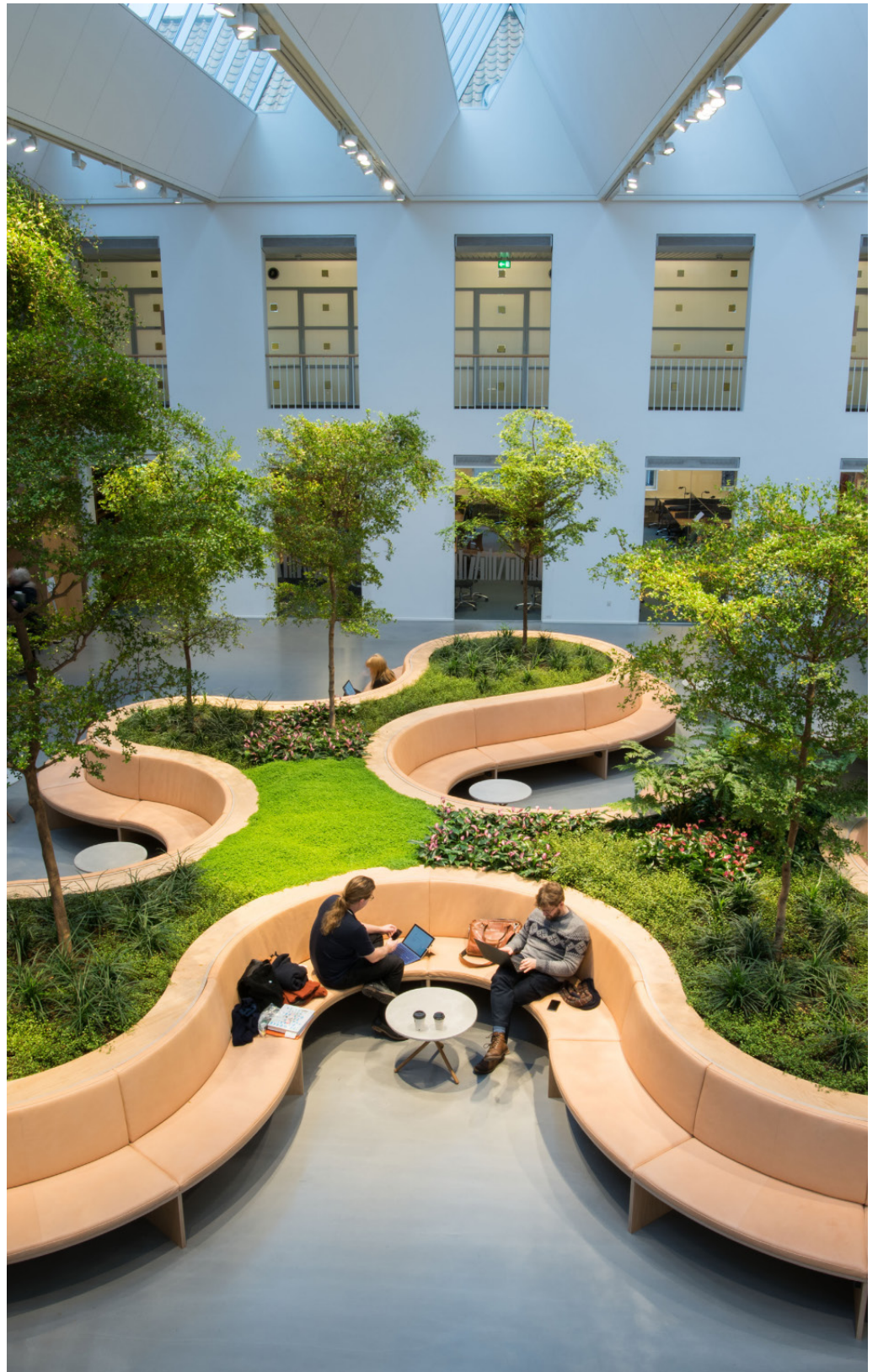
**Recessed floor luminaires**  
p.748





## Structuring high rooms with light

Clear and perception-oriented lighting concepts make public buildings user-friendly. Part of this is to define and structure large rooms with the use of zoned lighting. Luminaires with high lumen packages provide the required illuminance on the target surface.



Luminaires for track  
p.120



Recessed luminaires  
p.306



Surface-mounted luminaires  
p.402





### Light provides orientation

Finding your way about in large public buildings is a major challenge. To enable visitors to move quickly around buildings, circulation routes and intersections should be emphasised with vertical lighting.



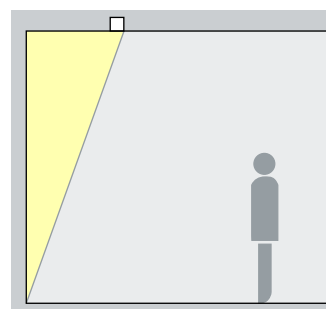
**Luminaires for track**  
p.120



**Recessed luminaires**  
p.306



**Surface-mounted luminaires**  
p.402







## Invitingly illuminating buildings for circulation

Railway stations and airports are places of transit, often with a cooler atmosphere. Light helps to combine functionality and aesthetics and increase the quality of stay for users. A planar illuminated ceiling for example communicates a friendly environment.



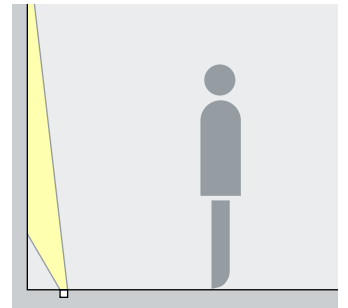
**Facade luminaires**  
p.626



**Bollard luminaires**  
p.676



**Recessed floor luminaires**  
p.748



## Light for a wide spatial impression in halls

In multifunctional rooms and event halls the atmosphere can be varied with different components for general lighting, vertical lighting and accent lighting. Suitable lighting tools are recessed luminaires with high illuminance levels and very good glare control.



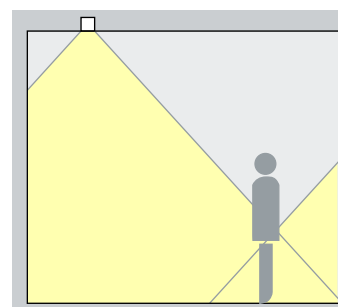
**Luminaires for track**  
p.120



**Pendant luminaires**  
p.456



**Recessed luminaires**  
p.306



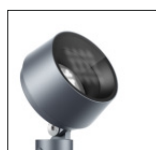
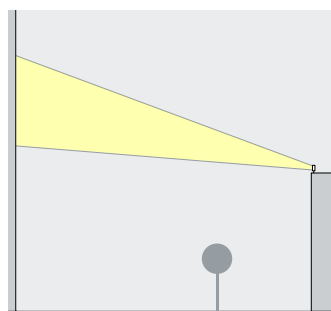


## Contemplation – indoor and outdoor luminaires for religious buildings

Versatile luminaires from ERCO are ideal for emphasising the facades of religious buildings in towns and cities and for atmospherically presenting contemplative spaces. In all religions, light is not only a design tool for architecture, but also a distinctive symbol of the divine. Light in sacred places creates a contemplative atmosphere for meetings between believers.

Whether in churches, mosques, temples or synagogues – light accents help to guide the view onto the essentials.

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



**Projectors, floodlights and wallwashers**  
p.570



**Facade luminaires**  
p.626

### Outdoors: emphasising symbolic power

Sacred architecture translates the beliefs and importance of a religion into a physical structure – light enhances this message. The scale of monumental buildings can be emphasised with ERCO projectors, the precise light distributions of which effectively highlight facades.



## Strong accent light

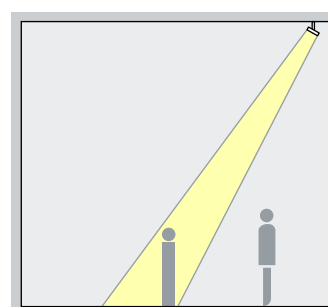
Religious buildings touch people through their contemplative spatial atmosphere. ERCO luminaires are integrated into the architecture, adopting a discreet role in favour of their lighting effect: accent light helps to direct attention to the essential elements in the space.



Luminaires  
for track  
p.120



Recessed spot-  
lights, flood-  
lights and  
wallwashers  
p.240

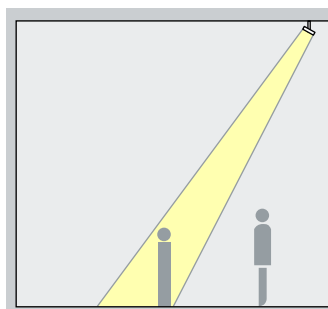






### Light from a large distance

Light accents create hierarchies of perception. To illuminate precisely from a large distance, luminaires with accurately defined narrow light beams, without spill light, are required.



Luminaires for track  
p.120





## Light for visual orientation

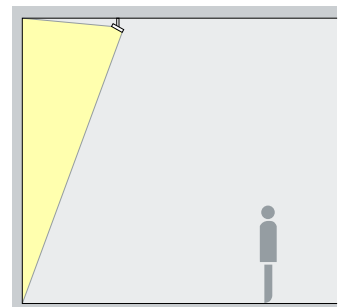
Monumental rooms appear even wider and brighter due to uniform vertical light. Luminaires with large lumen packages are particularly suitable for this purpose.



**Luminaires for track**  
p.120

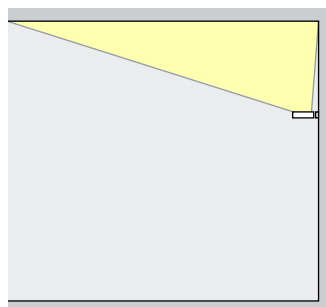


**Recessed luminaires**  
p.306

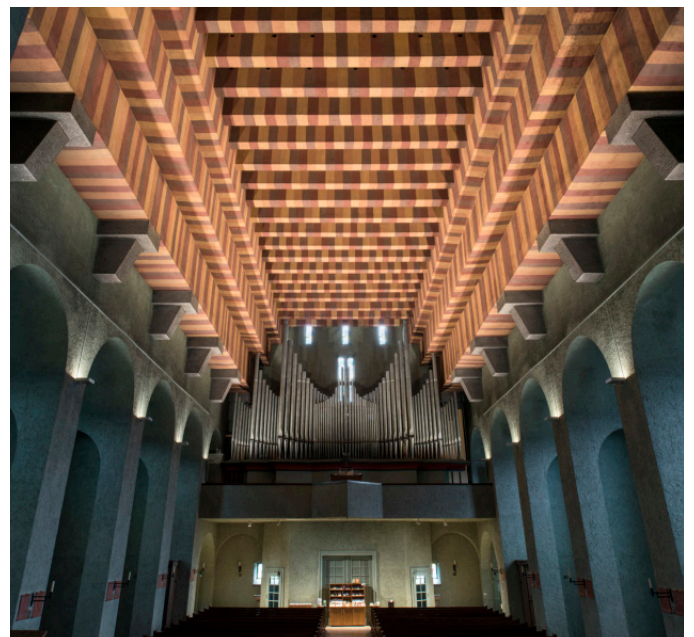


## A ceiling of light

Religious buildings convey dignity and grandeur. The narrow light distribution of ceiling washlights is ideal for the planar illumination of ceilings, making room heights even more impressive.



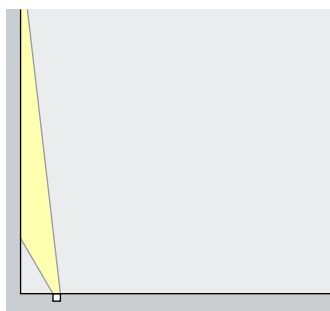
**Facade luminaires**  
p.626



## Living – indoor and outdoor luminaires for living spaces

Ranging from living rooms and dining rooms to gardens with greenery and paths, a cosy atmosphere can be created with light. ERCO lighting solutions blend harmoniously into different surroundings. Wallwashers and downlights with compact dimensions create sufficient space for living, even in small rooms. Light scenes combine ambient lighting with accents and architectural lighting and decorative luminaires harmonise to create light for well-being.

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



### Prestigiously illuminating facades

Grazing light directed upwards emphasises large dimensions and effectively highlights façade structures. Small luminaire dimensions integrate perfectly into any architecture.

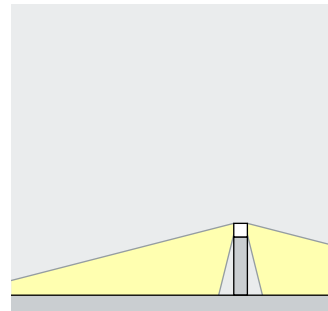


Projectors,  
floodlights and  
wallwashers  
p.570



Recessed floor  
luminaires  
p.748

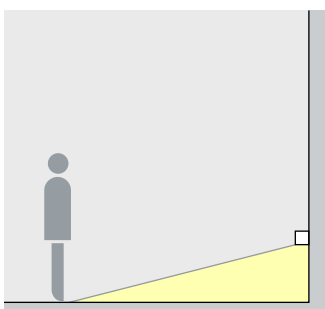




**Bollard  
luminaires**  
p.676

## Light for paths

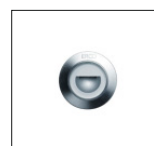
Illuminated paths and drive-ways provide orientation and safety. Bollard luminaires with light distributions through 360° provide efficient and inviting lighting in domestic outdoor spaces.



**Facade  
luminaires**  
p.626



**Recessed floor  
luminaires**  
p.748

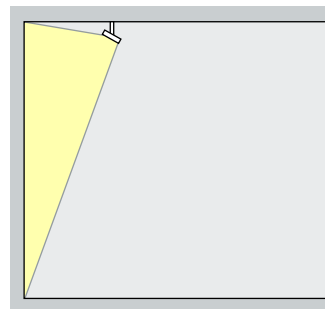


**Orientation  
luminaires**  
p.748

## Attractively illuminating outdoor areas

Light transforms gardens and patios into an experience in the evening hours. ERCO luminaires with narrow light distributions create focal points for high quality environments at night.

## Living – Indoor and outdoor luminaires for living spaces



### Correctly illuminating living spaces

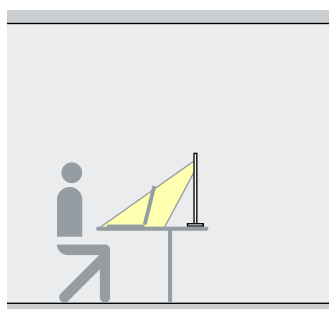
Uniform wallwashing creates a wide impression of the room. ERCO wallwashers achieve impressive and efficient general lighting due to large luminaire spacing.



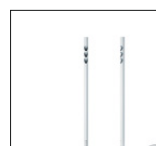
Luminaires for track  
p.120

### Light for the home office

Modern models of work have made the private office more important than ever. Glare-free and freely adjustable light helps to promote creative thinking and concentrated work.

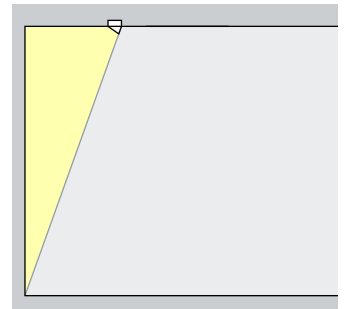


Pendant luminaires  
p.456



Task lights  
p.496





## Light for fine food and drinks

ERCO attaches great importance to very good colour rendering and high brilliance. This is particularly important when illuminating kitchens and dining rooms to give food an appetizing appearance.



Recessed spotlights, floodlights and wallwashers  
p.240



Pendant luminaires  
p.456



Recessed luminaires  
p.306



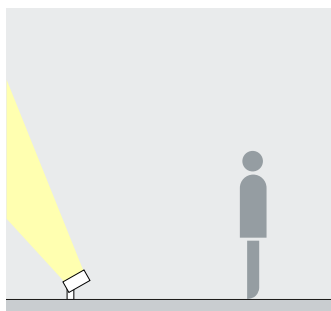
Recessed luminaires  
p.306



## Public – indoor and outdoor luminaires for outdoor facilities, bridges and memorials

Parks, public places, monuments and facades characterise the face of a city at night with their illumination. Their light provides orientation for various user groups, contributes to safety, enhances spatial details through accentuation and creates atmosphere. ERCO lighting tools for outdoor areas are designed to define urban spaces during nocturnal hours with highly efficient LED light, whilst receding into the background themselves thanks to their outstanding glare control.

Find out more:  
[www.erco.com/public](http://www.erco.com/public)



### Creating orientation points with light

Memorials and bridges form important elements for orientation in urban space. Presenting them impressively in turn enables good orientation. Projectors with accent light set strong contrasts in the night-time context.



Projectors,  
floodlights and  
wallwashers  
p.570



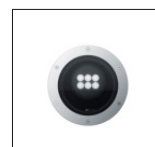
Recessed floor  
luminaires  
p.748





## Effective illumination of landmarks

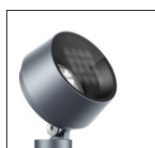
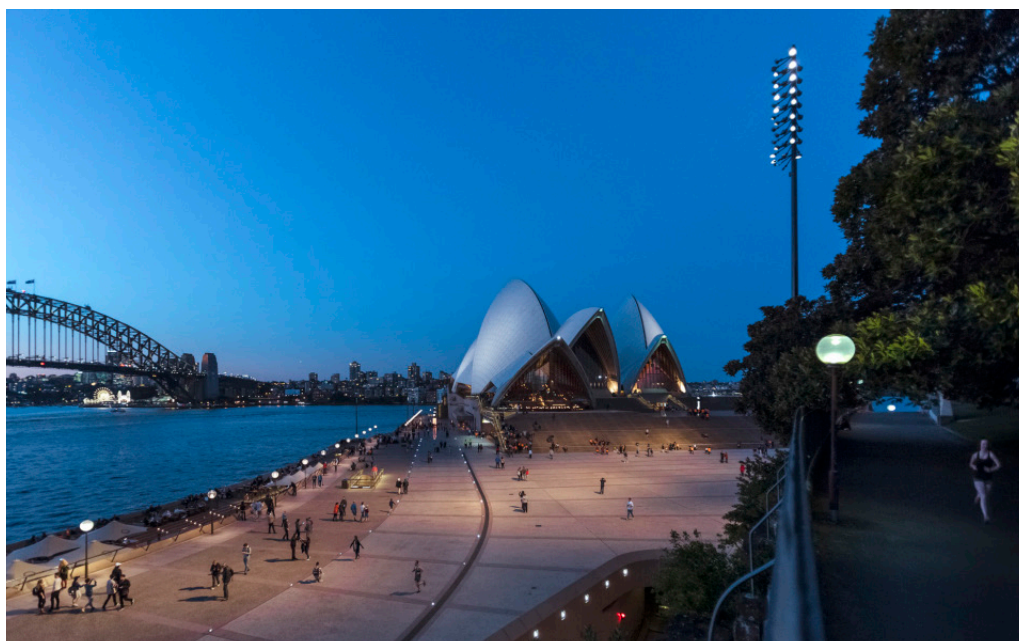
The attractive illumination of historical buildings, memorials and special objects attracts attention and also serves to promote tourism. Wallwashing is one of the most suitable methods of lighting for displaying such attractions.



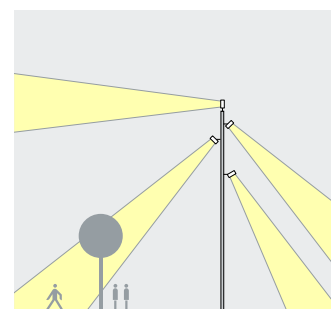
**Recessed floor luminaires**  
p.748

## Promoting nocturnal life with light

Glare along with light that is too bright, negatively affect the night-time atmosphere. Frequently, low illuminances of about 10lx on squares are sufficient for good orientation. Dimmable ERCO luminaires confidently take on this task.



**Projectors, floodlights and wallwashers**  
p.570

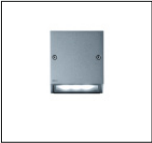






Magical light for paths and bridges

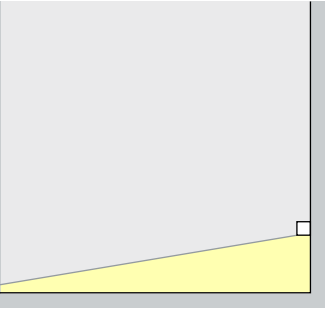
The qualitative illumination of paths extends beyond functional aspects. Facade luminaires with narrow light distribution create focal points and transform paths into attractive locations where we enjoy staying.



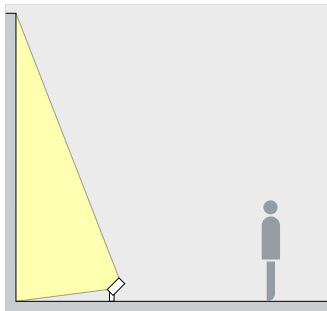
Facade luminaires  
p.626



Bollard luminaires  
p.676







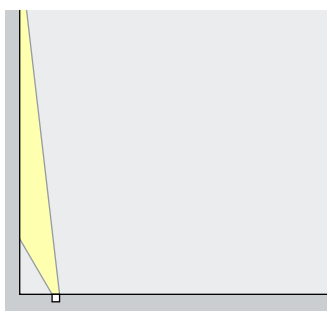
**Projectors,  
floodlights and  
wallwashers**  
p.570

## Light for urban life

Giving passers-by a feeling of safety and security in urban environments is one of the central guiding principles of master plans. Long wall surfaces, columns and trees can be floodlit with ERCO projectors with high levels of uniformity.

## Sustainably illuminating public buildings

ERCO's high-precision optics are free of spill light and are therefore ideal for efficiently illuminating facades with various light distributions.



**Projectors,  
floodlights and  
wallwashers**  
p.570



**Facade  
luminaires**  
p.626



**Recessed floor  
luminaires**  
p.748

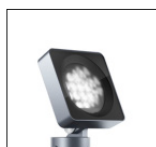
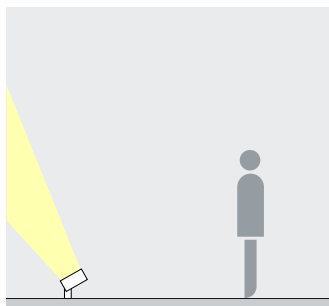


## Hospitality – indoor and outdoor luminaires for hotels and restaurants

Welcoming guests with light begins with exterior path and facade lighting and extends to a private ambience at the table or in the hotel room. Whether it's boutique hotels, themed restaurants or temporary bars: every concept applied to gastronomy requires a scenic frame to carry and communicate the relevant theme. ERCO provides architectural lighting solutions with a diversity of scenographic options

for room situations that convey enjoyment and pleasure.

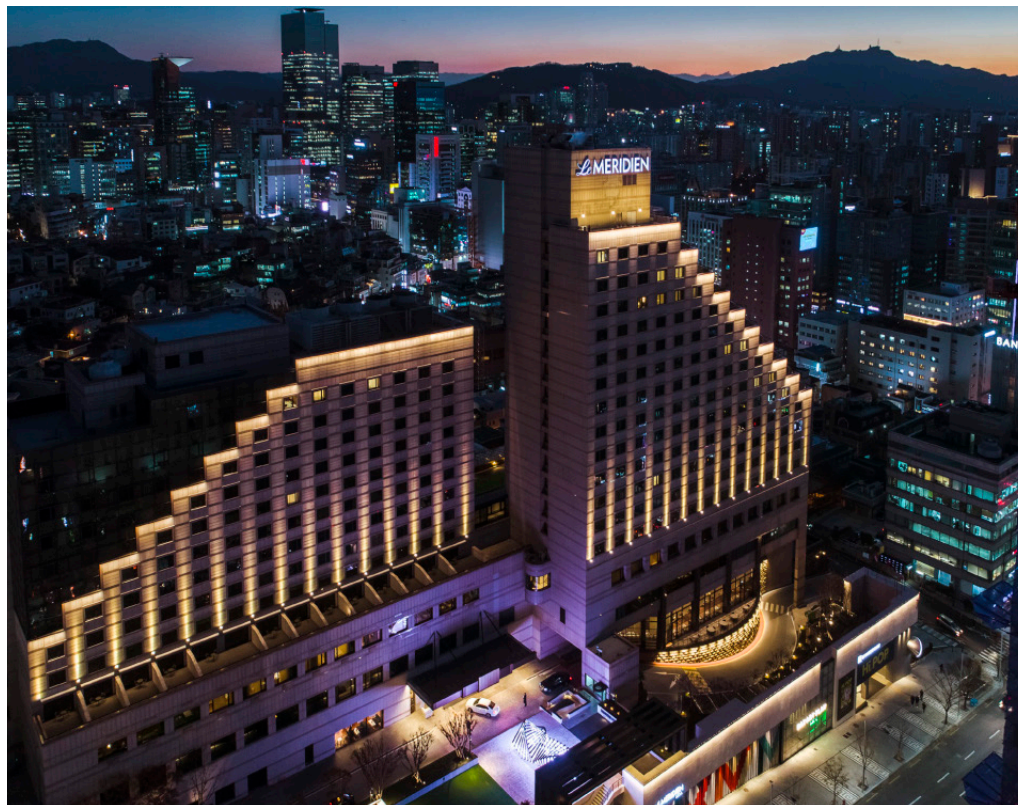
Find out more:  
[www.erco.com/hospitality](http://www.erco.com/hospitality)



Projectors,  
floodlights and  
wallwashers  
p.570



Recessed floor  
luminaires  
p.748

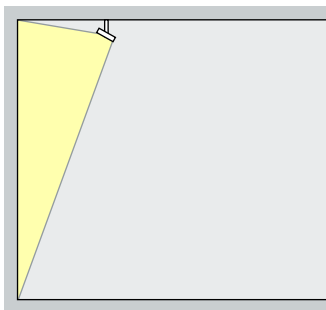
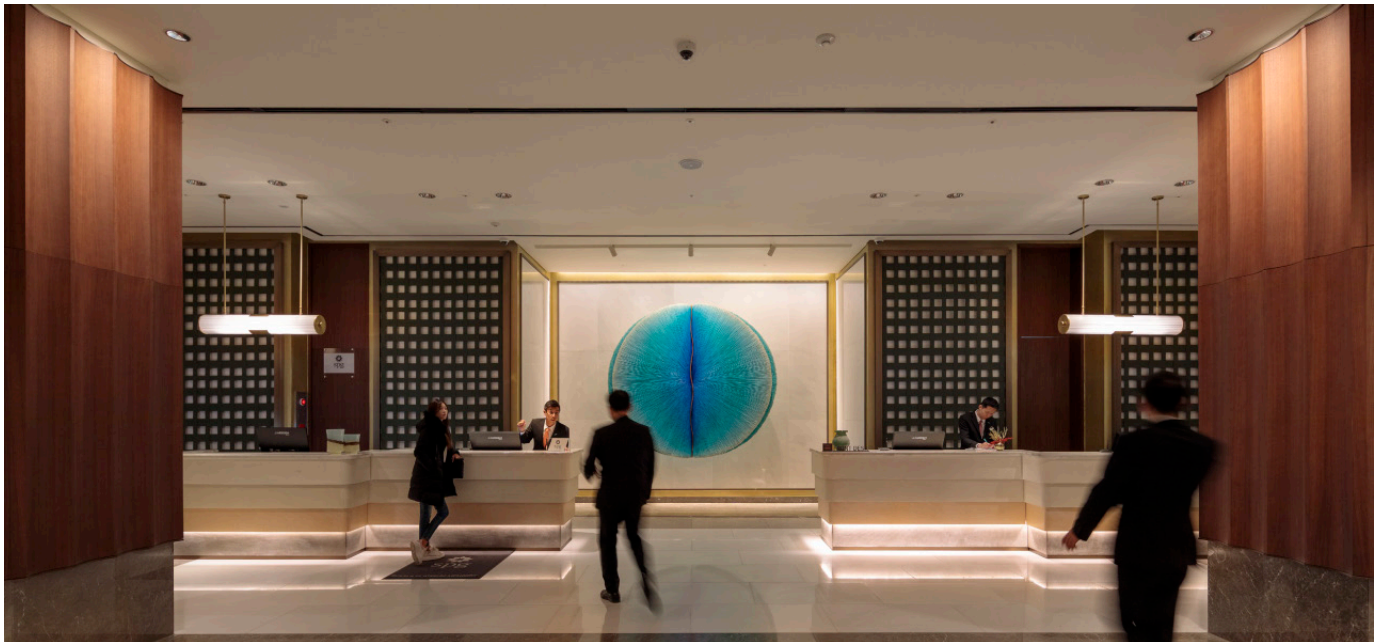


### Illuminating facades and paths

Effective lighting concepts promote the corporate identity of a hotel or restaurant. Elegantly illuminated paths and routes and accentuated facades create a high quality appeal and a warm welcome for your guests.







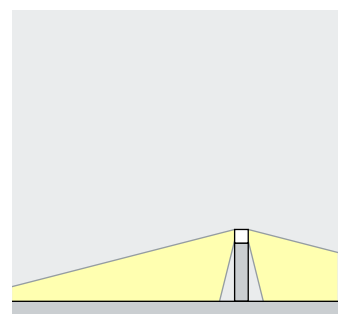
**Luminaires  
for track**  
p.120



**Recessed  
luminaires**  
p.306

## Welcoming with light

Simple orientation and a pleasant atmosphere form the basis for the first encounter. Vertical lighting helps to intuitively understand the function of a room and communicates an open sense of welcome.



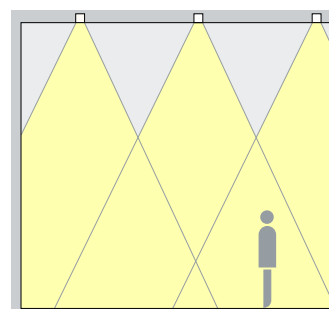
**Bollard  
luminaires**  
p.676





### Light for high rooms

Open plan designed hotel foyers usually have high ceilings. In order to generate sufficient light on the target surface from large distances, high illuminances and point-precise light beams are required. ERCO luminaires are thus ideal for high rooms.

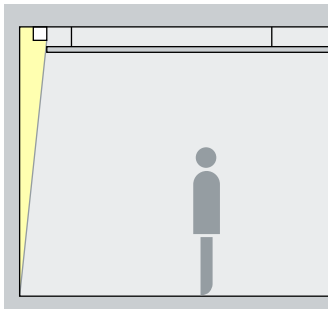


Luminaires  
for track  
p.120



Recessed  
luminaires  
p.306





## Grazing light for relaxation oases

Grazing light conveys a feel-good atmosphere, and is therefore ideal for relaxation areas and restaurants. Due to the luminaire's close distance to the wall, the light emission opening is almost invisible and therefore glare-free.



**Recessed luminaires**  
p.306

## Enjoying food in good light

Whether it's local cuisine or inspired by far away countries – brilliance significantly contributes to the enjoyment of fine foods. ERCO luminaires with precise, narrow light beams create lustre with high visual comfort for your guests.



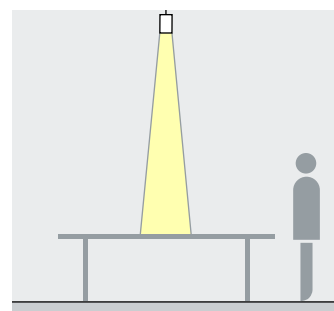
**Luminaires for track**  
p.120



**Recessed spotlights, floodlights and wallwashers**  
p.240



**Pendant luminaires**  
p.456







## Variable. 48V and 220-240V. ERCO track and light structures

Since the invention of the incandescent lamp, no product has revolutionised lighting design as much as the track. It is only track that releases light and luminaires from the constraints of fixed installation. It forms the basis for variable, flexible lighting design that can be oriented to the changing design and use of a room. ERCO offers Minirail track for 48V and track for 220-240V mains voltage. The range also includes appropriate light structures for indirect lighting and higher load-bearing requirements.



Overview of all ranges: from page 100  
[www.erco.com/track-lighting](http://www.erco.com/track-lighting)

## ERCO track and light structures Application examples

### Miniature solution

- Low voltage for a fully-fledged track system with compact size
- Small spotlights integrate perfectly in the miniaturised track
- High design flexibility: recessed, surface-mounted or pendant mounting possible

Products used:

**Minirail 48V track** page 102



### Feel-good infrastructure

- Flexible arrangement of luminaires
- Up to 3 circuits separately controllable
- Discreet ceiling detail: recessed variant

Products used:

**ERCO track** page 108





### Flexibly illuminated exhibitions

- Luminaires with different light distributions can be used
- Rapid repositioning of luminaires for temporary exhibitions
- Control via dimmer, DALI, Casambi Bluetooth or Zigbee

Products used:  
**ERCO track** page 108

### Indirect lighting

- Brightening of the ceiling for a higher spatial impression
- Available in various light colours
- High load capacity, even with wide suspensions

Products used:  
**Hi-trac track** page 114







#### A proven system

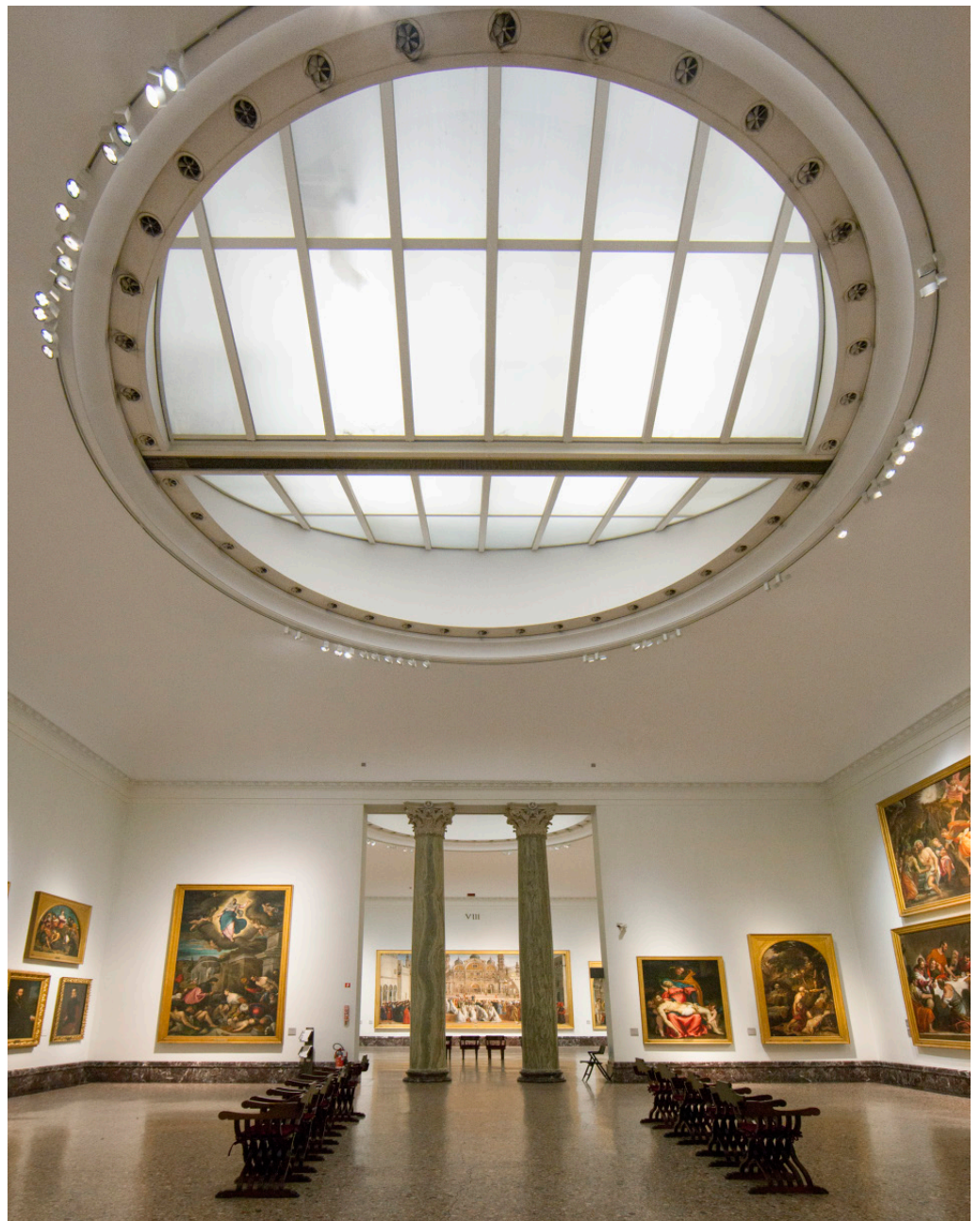
- Wire suspension for difficult ceiling situations
- Future-proof: new luminaires also fit into older ERCO track and vice versa
- Decorative hooks or singlets available as accessories

Products used:  
ERCO track page 108

#### Individual solutions

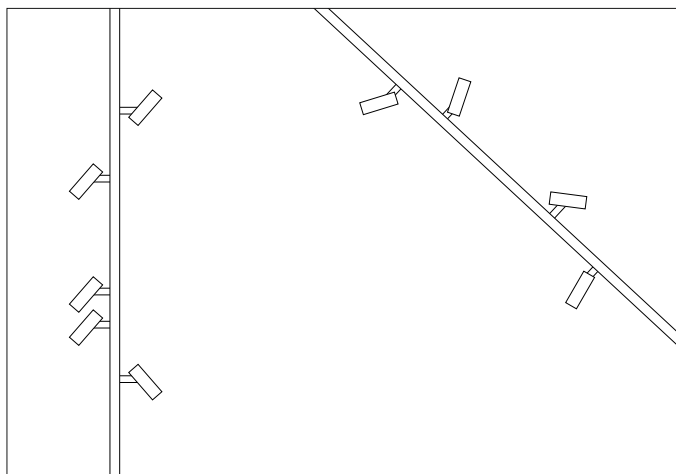
- Profile colour according to your specifications
- Connector parts for diverse geometries
- Cut to size to the millimetre with mitre saw on site

Products used:  
ERCO track page 108



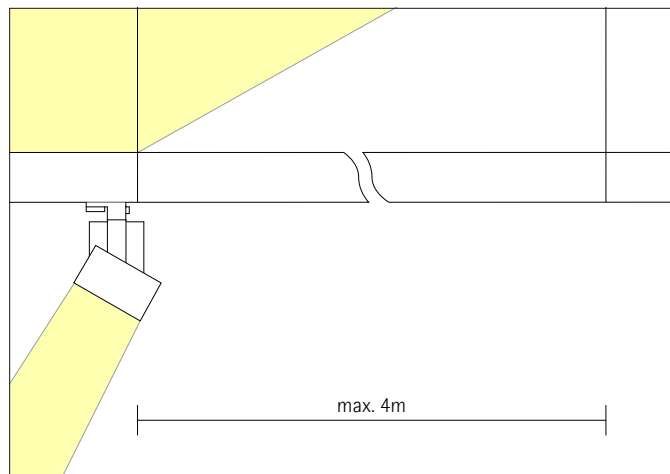
## These lighting tools solve your lighting tasks

### You'd like to use miniaturised track?

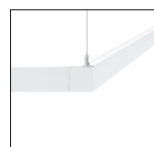


**Minirail 48V track**  
page 102

### You need track with spacing of up to 4m?



**Hi-trac track**  
page 114



**Hi-trac light structure**  
page 114

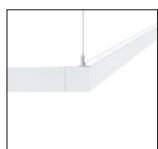
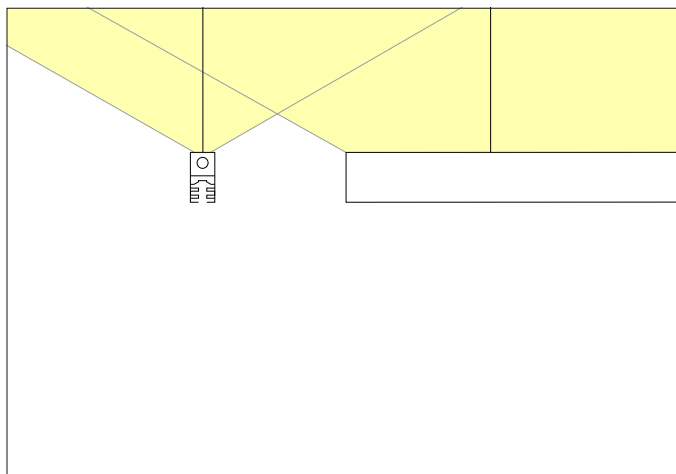
### Minirail 48V track as fully-fledged track with very compact dimensions

- ✓ Profile dimensions of just 22 x 15.5mm
- ✓ Casambi Bluetooth, Zigbee and DALI connectivity in the low-voltage range
- ✓ Free positioning of luminaires in the track

### Hi-trac track for wide spacing and higher loads

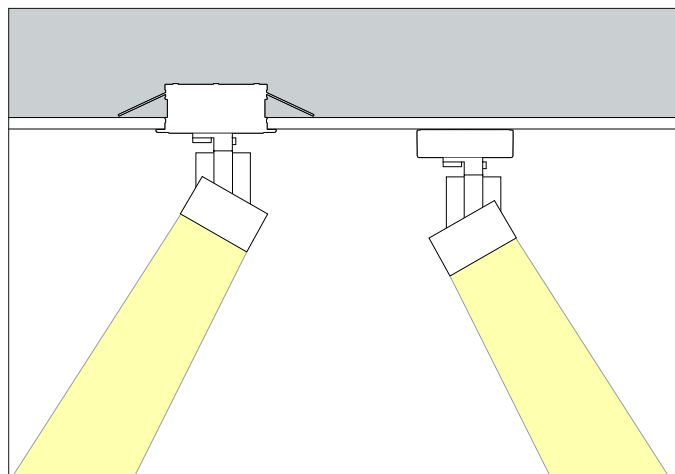
- ✓ Spacing possible up to 4m
- ✓ Loads of up to 38kg per metre permissible

### Looking for track to brighten the ceiling?



Hi-trac light  
structure  
page 114

### You'd like to install spotlights without track?



ERCO track and  
singlets  
page 108

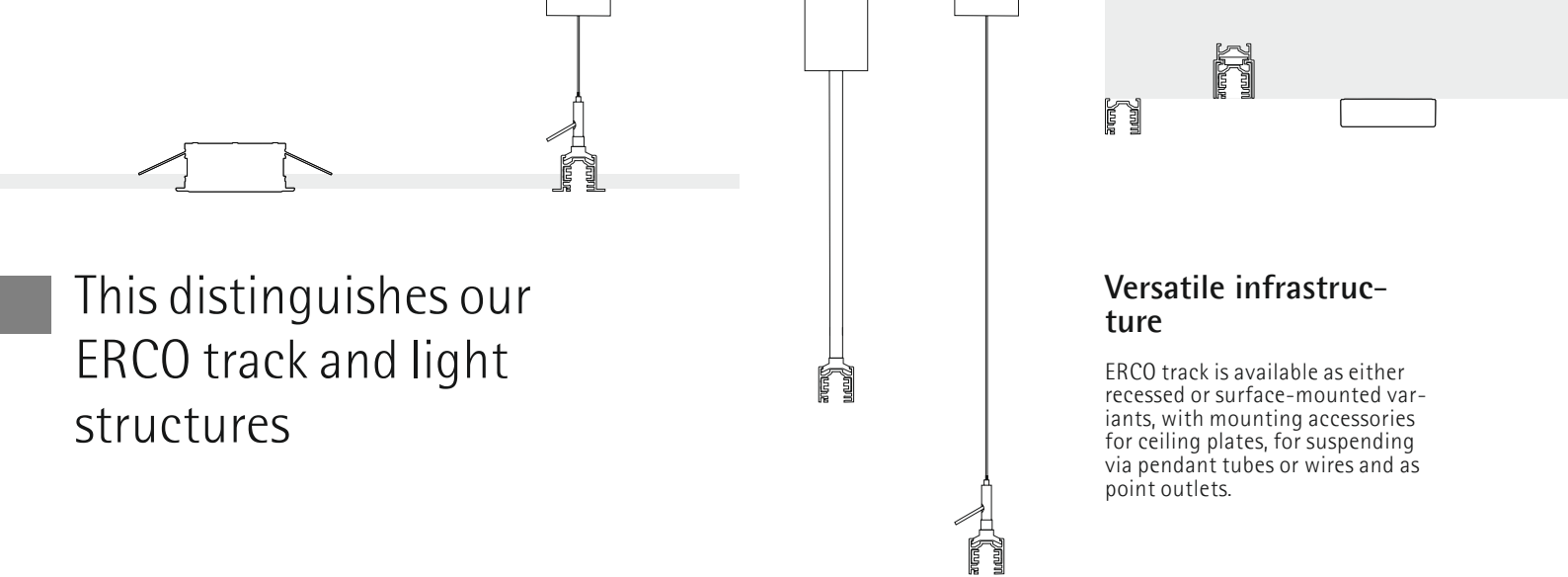
### Hi-trac light structure for indirect lighting

- ✓ Diffuse light brightens the ceiling
- ✓ Seamless band of light with continuous-row arrangement
- ✓ Ideal for office workstation lighting

### Singlets for individual mounting points

- ✓ Compact detail for installing of spotlights
- ✓ Suitable for all luminaires with 3-circuit and DALI adapters
- ✓ Recessed and surface-mounted version available





## This distinguishes our ERCO track and light structures

### Track for all applications

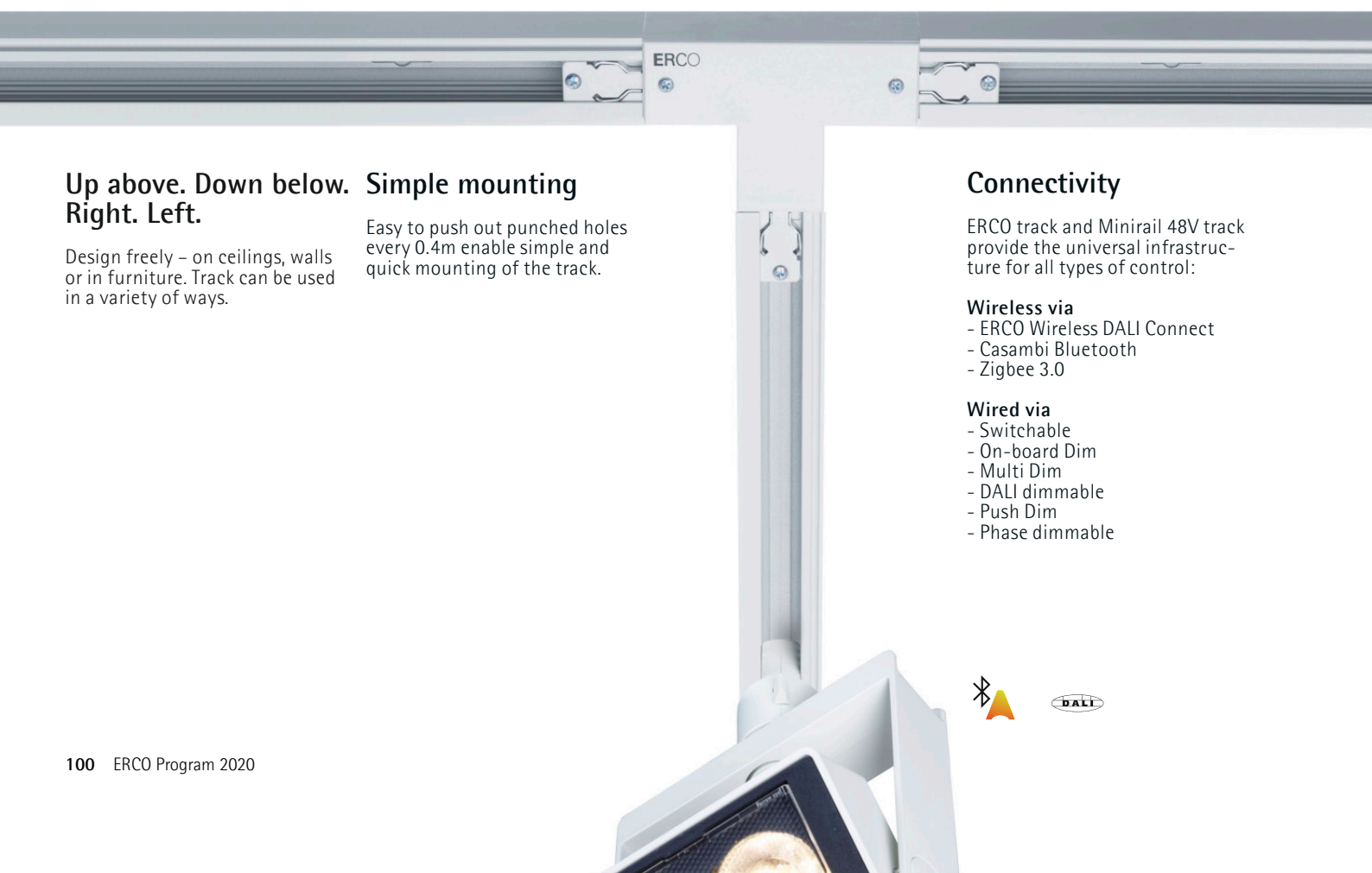
Minirail 48V track forms the supply unit for miniaturised low-voltage spotlights. ERCO track with high-voltage supply energy for conventional spotlights and other luminaires operated via adapters or sockets in the track. Special Hi-trac track is suitable for higher load requirements.

### Versatile infrastructure

ERCO track is available as either recessed or surface-mounted variants, with mounting accessories for ceiling plates, for suspending via pendant tubes or wires and as point outlets.

### Proven and future-proof

Track and light structures from ERCO have been in use around the globe for decades. A great plus: new spotlights mechanically fit into existing installations and luminaires already in operation can be used in new installations. This also applies to several luminaires from other manufacturers.



### Up above. Down below. Simple mounting Right. Left.

Design freely – on ceilings, walls or in furniture. Track can be used in a variety of ways.

Easy to push out punched holes every 0.4m enable simple and quick mounting of the track.

### Connectivity

ERCO track and Minirail 48V track provide the universal infrastructure for all types of control:

#### Wireless via

- ERCO Wireless DALI Connect
- Casambi Bluetooth
- Zigbee 3.0

#### Wired via

- Switchable
- On-board Dim
- Multi Dim
- DALI dimmable
- Push Dim
- Phase dimmable



## Miniaturised track profile

Minirail 48V track combines maximum flexibility with minimum profile dimensions. It blends elegantly into the architecture and forms the basis for versatile lighting concepts.

72mm

34mm

15.5mm

M1:1

22mm

33.5mm

38mm

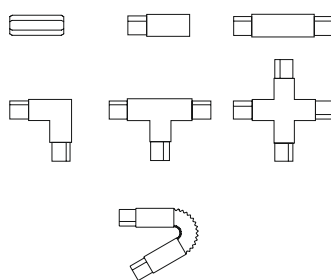
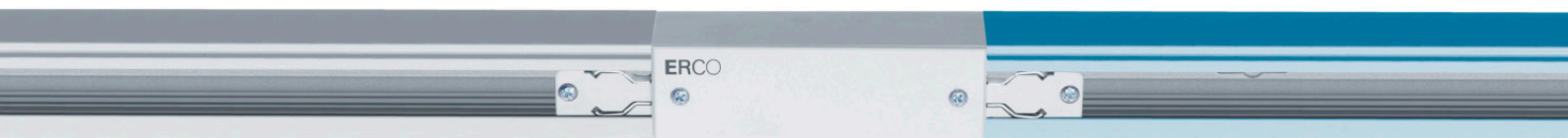
Minirail 48V track

ERCO 220V-240V track

Hi-trac 220V-240V track and light structure

## Spacing of up to 4m

Hi-trac provides a structurally very powerful infrastructure with widely spaced suspension points – also perfect for the diffuse illumination of ceilings.



## ERCO individual

You have a coloured ceiling? With our "ERCO individual" service we offer you extensive options for individualising your track – e.g. coatings in your desired colour.

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

## Extending standards with accessories

With decorative hooks, safety sockets and adapters for pendant luminaires you can adapt the track infrastructure to your individual needs.

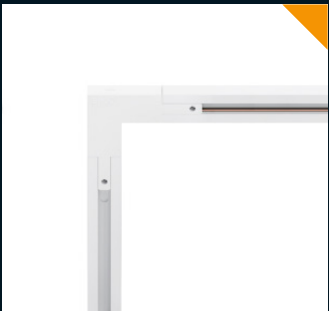
## Straight ahead and around the corner

Corner-, cross-, T- and flexible connectors enable track installations to have diverse geometries.



Products with these features can be found on the next page.

48V track



ERCO Minirail 48V track 102

Miniaturised track profile

---

Recessed, surface-mounted or pendant mounting possible

---

Culture, Shop

220-240V track and light structures



ERCO track and singlets 108

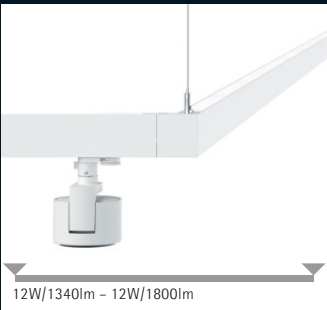
Low height

---

Recessed, surface-mounted or pendant mounting possible

---

Proven infrastructure



ERCO Hi-trac track and light structure 114

Indirect lighting available

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Spacing of up to four metres

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Based on the proven ERCO track

---

Culture, Community





Volvo car dealership, Naarden.  
Photography:  
Vincent van den  
Boogaard, Eindhoven.



MALI Museo de  
Arte de Lima,  
Lima. Architecture: Antonio  
Leonardi (1872), José  
García Bryce and  
Héctor Velarde  
(1956). Exhibition  
architecture:  
Departamento de  
Museografía and  
Curaduría MALI.  
Lighting design:  
Hillite. Lima. Photography:  
Edgar Zippel, Berlin.



新款上市



## ERCO Minirail 48V track – Small cross section, large flexibility

### **The elegant infrastructure for lighting in the digital age**

With Minirail, ERCO offers a miniaturised alternative to the classic ERCO track as the basis for flexible space-saving lighting systems. Minirail is operated with 48V. The system requires only two conductors and features a profile with a width of just 22mm: ideal for all situations requiring the smallest possible system dimensions, whether for aesthetic or technical reasons. In combination with correspondingly compact luminaires for Minirail, lighting designers can install high quality lighting in the

smallest of spaces. The 48V operating voltage represents an optimum in terms of safety and efficiency. Minirail is suitable for ceiling recessing or surface-mounting and, with appropriate accessories, for suspended mounting. A wide range of configurations can be created with the various connectors, couplers and feeds.





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 Aluminium profile

- White (RAL9002), black or silver
- Powder-coated or anodised
- Mounting surface with easy to remove knockouts

### 2 Contacts

- Two isolated copper conductors, 4.5mm<sup>2</sup>
- One 10A circuit

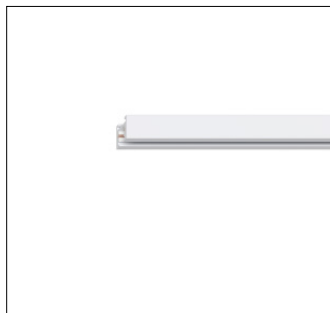
### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



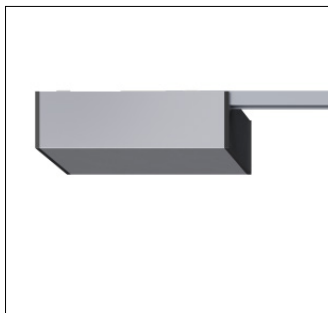
Design and application:  
[www.ercos.com/minirail-48V](http://www.ercos.com/minirail-48V)

## ERCO Minirail 48V track



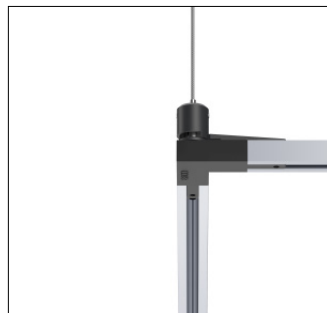
### Compact profile

The small dimensions of the track profile of only 22mm is highly discreet, thus directing the focus on the light. Compact profiles are particularly advantageous in small rooms.



### 48V technology

Low voltage technology achieves very good energy efficiency which leads to low operating costs.



### Accessories

For special mounting situations, a comprehensive range of accessories such as connectors and suspensions is available.

### Special characteristics

48V 48V technology



Compact profile



Accessory for mounting variants



Various housing colours



Various construction sizes



Easy installation







Various mounting methods

# ERCO Minirail 48V track





Construction size



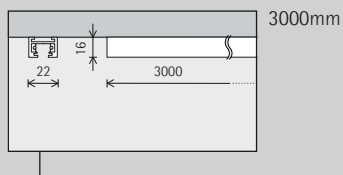
Colour (housing)

	White		Silver
	Black		10,000 colours *

Accessories

	Connectors		Suspension equipment
	Plaster trim profile		Mounting components





\* available on request

Article numbers and planning data:  
[www.erco.com/019305](http://www.erco.com/019305)

Design and application:  
[www.erco.com/minirail-48V](http://www.erco.com/minirail-48V)











## ERCO track and singlets – Supporting role

### **ERCO track deliver the energy required to light up rooms**

ERCO track is more than a power source. The system provides a flexible infrastructure for luminaires, DALI or standard, that can move with your changing requirements. Track are the anchor for your lighting concept and are primarily designed for mounting on ceilings or walls, whereas the flanged track is designed for suspended ceilings or flush mounted using a plaster trim profile. Individual track lengths can be connected with each other so as to form rectangular and other shapes.





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 Aluminium profile

- White (RAL9002), black or silver
- Powder-coated or anodised
- Track mounting surface with easy to remove knockouts at 0.4m intervals
- Flanged track: flanges for ceiling panels

#### 2 Contacts

- 4 isolated copper conductors
- When used as DALI track: 1 16A circuit and 2 conductors for connecting to the DALI data line
- When used as 3-circuit track: three separately switchable circuits, 16A each

#### 3 Earth conductor

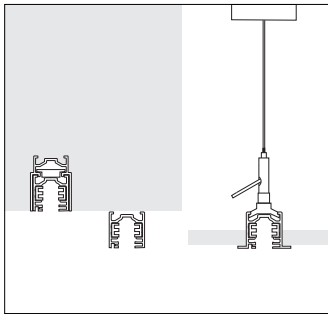
#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/erco-track](http://www.erco.com/erco-track)

## ERCO track and singlets



### Various mounting methods

The system design of the track and light structures enables different types of mounting: recessed, surface-mounted, with mounting accessories for ceiling panels or for suspension with wires or pendant tubes.



### Gap-free mounting using connection components

The track and light structures can be connected to form straight lines with gap-free couplings or assembled to make right-angled structures with connecting parts.

### Special characteristics



Continuous line arrangements are possible



Accessory for mounting variants



Various housing colours



Various construction sizes



Easy installation



Various mounting methods

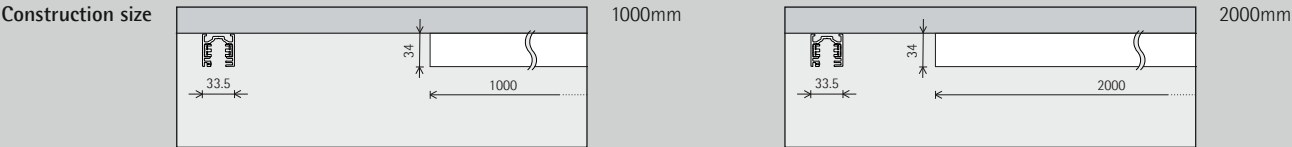


Switchable



DALI dimmable

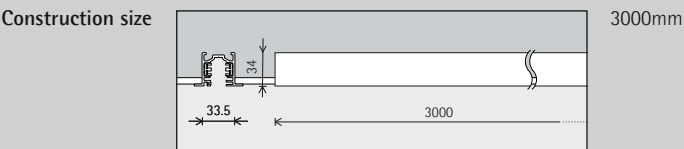
ERCO track and singlets



Colour (housing)

	White		Silver
	Black		10,000 colours *

ERCO flanged track



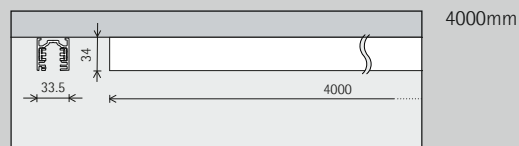
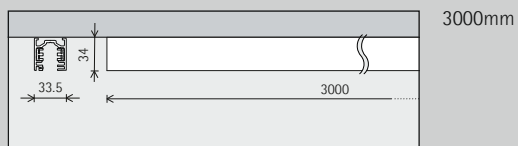
Colour (housing)

	White		Silver
	Black		10,000 colours *

Accessories

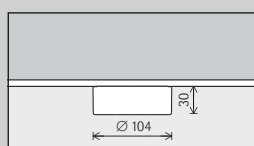
	3-circuit connection components		Suspension equipment		Adapter
	DALI connection components		Mounting components		Plaster trim profile





## ERCO singlets

Construction size 104mm



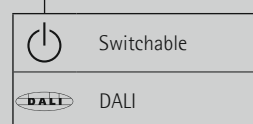
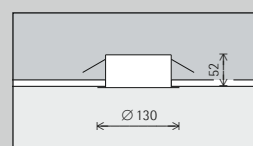
Control



Colour (housing)

	White		10,000 colours *
	Black		

130mm



	White		10,000 colours *
	Black		

\* available on request

Article numbers and planning data:  
[www.ercos.com/011280](http://www.ercos.com/011280)

Design and application:  
[www.ercos.com/ercos-track](http://www.ercos.com/ercos-track)









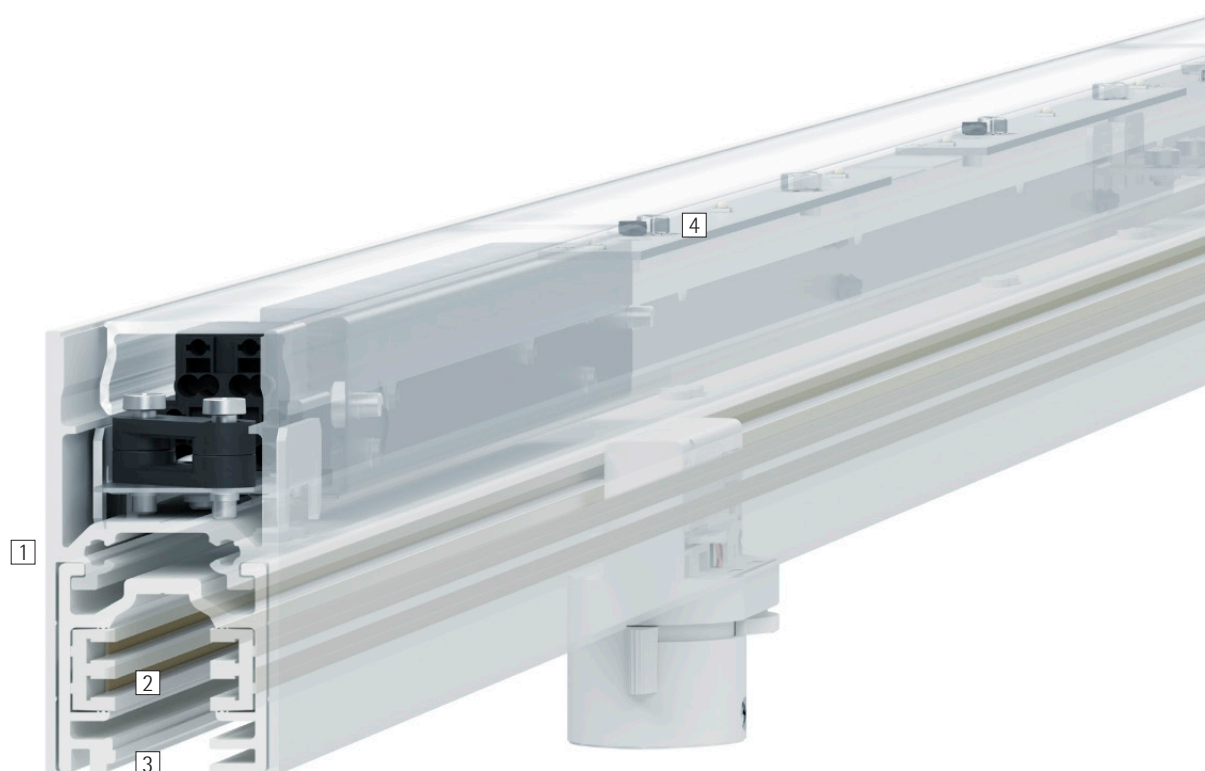
## ERCO Hi-trac track and light structures – Carrying it off

**Hi-trac combines the flexible options of a track with the visual comfort of indirect lighting**

The Hi-trac light structure is a heavy-duty system and allows very wide spacing between the suspensions. Hi-trac is an aluminium extrusion and available with integrated ERCO track in two versions: either with an empty upper compartment for cables or as an indirect luminaire.

Hi-trac enables the combination of indirect lighting with accent light from the track.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 Panel profile

- White (RAL9002) or silver
- Aluminium, powder-coated
- Track and panel profile to be assembled on site

### 2 Contacts (lower part)

- 4 isolated copper conductors
- When used as DALI track: 1 16A circuit and 2 conductors for connecting to the DALI data line
- When used as 3-circuit track: three separately switchable circuits, 16A each

### 3 Earth conductor

### 4 Fixture with LED module (on upper side)

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Cover: diffuser, polymer, textured
- LED module operation with one track circuit
- Covered control gear: switchable, phase dimmable or DALI dimmable

or

### Empty profile (upper side of track)

- For accommodating through-wiring or cover profiles

### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/hi-trac](http://www.erco.com/hi-trac)

## ERCO Hi-trac track and light structures



### Focus on mounting and accessories

ERCO's nuanced and diversified product range has stood the test even in special situations – from planning complex light structures to high load requirements.

### Special characteristics



Accessory for mounting variants



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Switchable



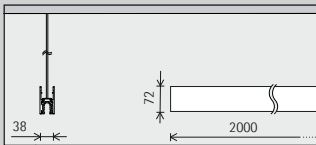
Phase dimmable



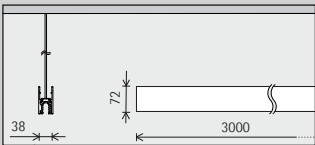
DALI dimmable

# ERCO Hi-trac track and light structure

Construction size






2000mm






3000mm

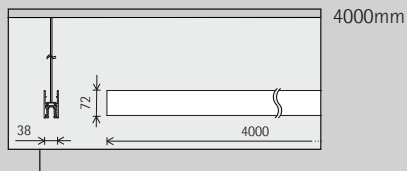
Colour (housing)

	White
	Silver
	10,000 colours *

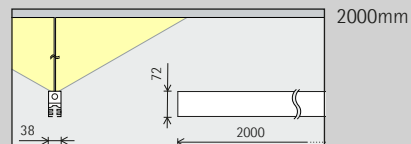
Accessories

	Connectors		Cover profile
	Suspension equipment		





#### Construction size



**LED module**  
Maximum value  
at 4000K CRI 82

12W/1800lm

#### Light colour (indirect)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

#### Control

	Switchable
	Phase dimmable
	DALI

#### Colour (housing)

	White
	Silver
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/012190](http://www.erco.com/012190)

Design and application:  
[www.erco.com/hi-trac](http://www.erco.com/hi-trac)





## Precise. Flexible. Luminaires for track

Spotlights with 48V and 230V bring flexible light into the architecture: flexibility is their most important feature, both in terms of positioning on the track and alignment. Spotlights are perfect for accent lighting, general lighting and wallwashing.



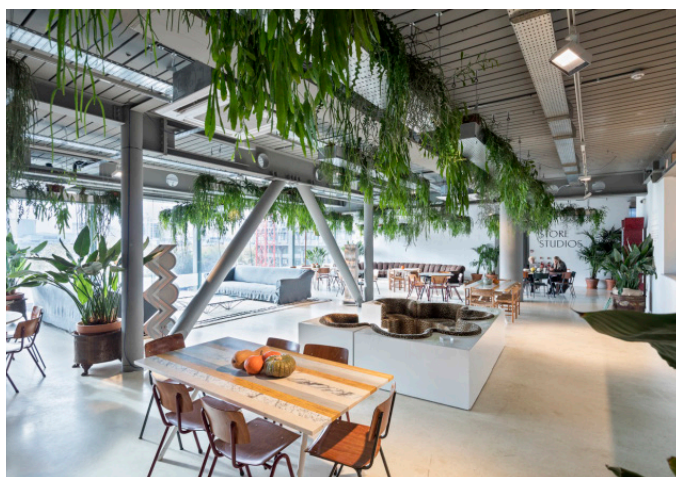
Overview of all ranges: from page 128  
[www.erco.com/spotlights](http://www.erco.com/spotlights)

## Luminaires for track Application examples

### Light for flexible work

- Easily positioned downlights for changing office layouts
- High visual comfort for pleasant working light
- Easy wireless operation with Casambi Bluetooth

Products used:  
Jilly page 228



### Light for communicating

- Accents create private zones
- Light only on the target area for high cost-effectiveness
- Maximum design freedom with up to eleven different light distributions

Products used:  
**Light Board** (left) page 192  
**Optec** (right) page 172



### High-contrast illumination of art

- Different light distributions for exhibits of different sizes
- Simple replacement of light distributions when exhibitions change
- Flicker-free light, suitable for filming with DALI, Casambi Bluetooth and Zigbee control gear

Products used:  
**Parscan** page. 160  
**Optec** page 172





### Designing exhibitions

- Individual adjustment of the light beam via contour and zoom spot-lights
- Outstanding colour rendering due to optimal LED spectra
- Black on black: the right housing colour for the interior design

Products used:  
**Optec** page 172

### Improving the quality of stay

- Uniform wallwashing for a spacious impression
- Accent lighting creates a private atmosphere for dining
- Installation in singlets for a homogeneous ceiling appearance

Products used:  
**Light Board** page 192





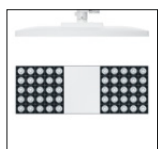
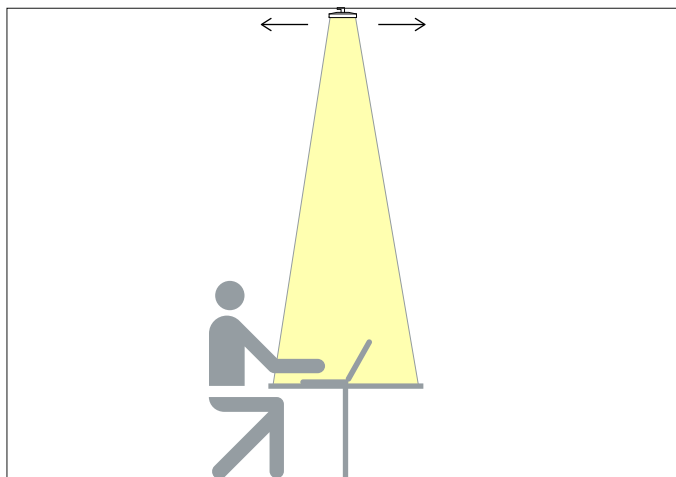
#### Creating sales arguments

- Precise light beams for brilliance on painted surfaces
- Flexible alignment of luminaires via track
- Different light distributions for accenting and flooding

Products used:  
**Parscan** page 160  
**Opton** page 198

## These lighting tools solve your lighting tasks

You're looking for downlights that can be moved?



Jilly  
page 228

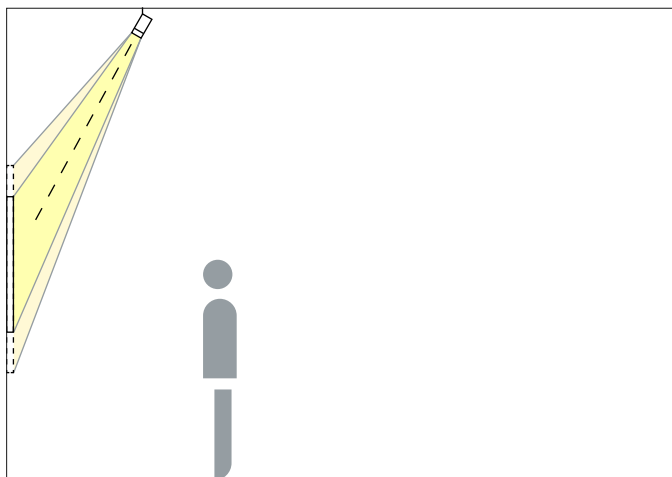


Skim  
page 222



Compar  
page 234

You need spotlights with adjustable light distribution?



Eclipse InTrack  
page 140



Pollux  
page 166



Parscan  
page 160



Optec  
page 172

### Track downlights for standard-compliant office lighting

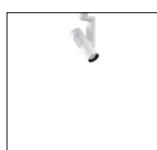
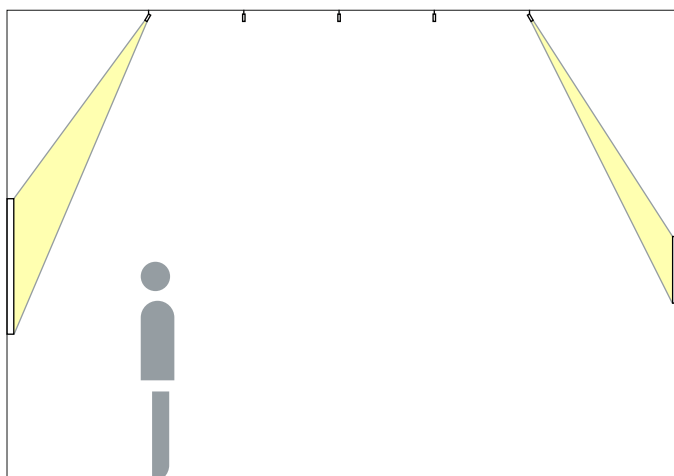
- ✓ Free positioning in the track
- ✓ Simple mounting without tools
- ✓ High visual comfort with  $UGR < 19$

### Zoom spotlights for an impressive display

- ✓ Infinitely adjustable beam angles
- ✓ Zoom spot from  $15^\circ$  to  $65^\circ$  and zoom oval from  $19^\circ \times 71^\circ$  to  $74^\circ \times 60^\circ$
- ✓ Ideal for changing exhibits or products

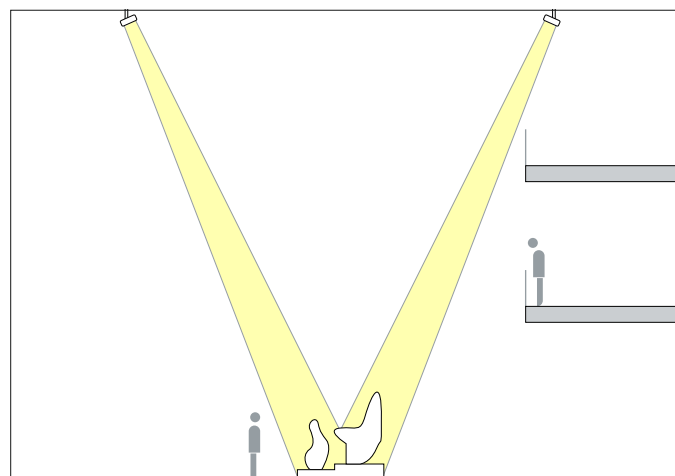


**You'd like to display your gallery with small luminaires?**



**Eclipse 48V**  
page 132

**You'd like to illuminate from a distance of 10m?**



**Stella**  
page 186



**Eclipse InTrack**  
page 140



**Parscan**  
page 160

### 48V technology for miniaturised luminaires

- ✓ Very compact luminaire dimensions
- ✓ Flat infrastructure due to Minirail 48V track
- ✓ Light distributions and light colours optimised for art

### Lens technology for efficient lighting of public buildings

- ✓ Large lumen packages for very high illuminances
- ✓ Efficient lighting technology for precise light beams
- ✓ General lighting, wallwashing and accentuation from high levels

# This distinguishes our luminaires for track

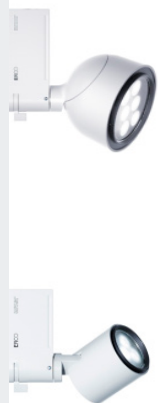


## From small to large

You can find the right size and lumen package for any light effect and room height – from boutiques to museum foyers and from Minirail track to 3-phase track.

## Up above. Down below. Right. Left.

Design freely – on ceilings, walls or beams. Mount and move spotlights in the track without tools.

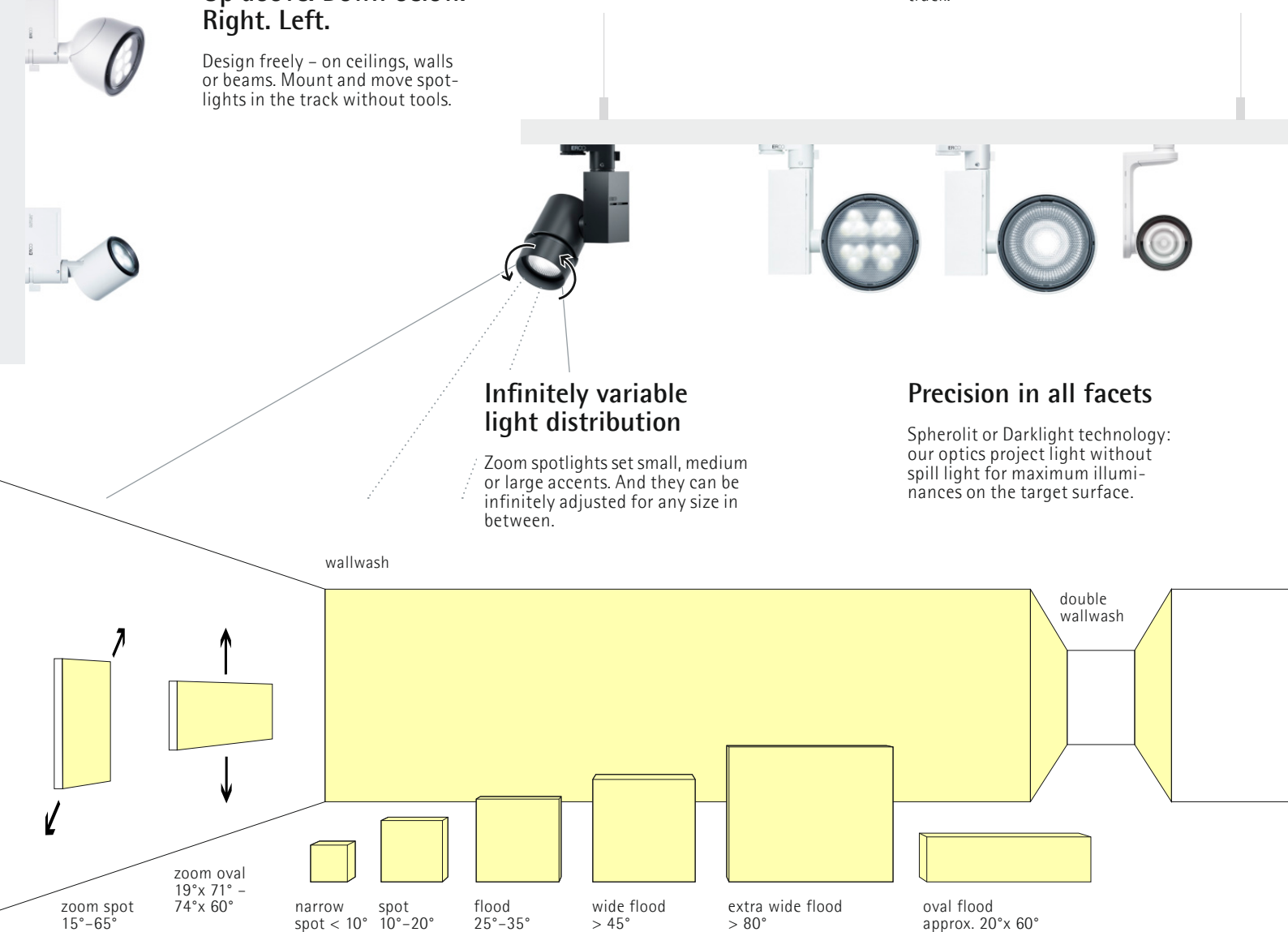


## Infinitely variable light distribution

Zoom spotlights set small, medium or large accents. And they can be infinitely adjusted for any size in between.

## Precision in all facets

Spherulit or Darklight technology: our optics project light without spill light for maximum illuminances on the target surface.



## Change the light distribution yourself

Whatever you wish to illuminate, with ERCO you'll find the right light distribution. If the interior changes you can simply replace the light distribution – from accent lighting to wallwashing.





## Luminaires for high rooms

ERCO offers luminaires with up to 9840 lumens for lighting from wide distances. Thanks to their durability they're perfect for installing in hard-to-access locations.



## Dimming on the luminaire

On-board dimming enables dimming using the rotary control directly on the luminaire.



## Extending standards with accessories

Conversion filters, honeycomb anti-dazzle screens and barn doors – adapt luminaires to special requirements.



## Visual comfort in the office

Especially for flexible, standard-compliant office lighting: down-lights for track with  $UGR < 19$ .

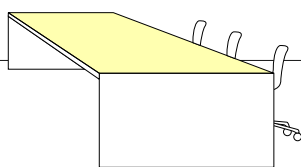


## Customise

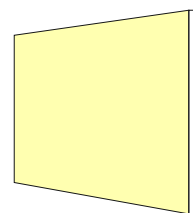
"ERCO individual" offers extensive options for the individualisation of product ranges: [erco.com/individual](http://erco.com/individual)

## Light for art and art appreciation

LEDs with excellent quality of light show your art in optimal colours. The light of our luminaires with DALI, Casambi Bluetooth and Zigbee control gear is flicker-free – also through the lens of your camera.



oval wide flood  
approx.  $55^\circ \times 90^\circ$



framing

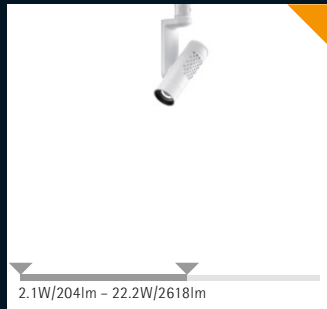
## Connectivity

Wireless or wired? With technologies such as Casambi Bluetooth, Zigbee and DALI we always offer you the right interface.





Spotlights, floodlights and wallwashers for 48V track



Eclipse 48V

132

Miniaturised luminaire dimensions

Extensive accessories as well as RGBW and tunable white

Contour spotlights and zoom spotlights available

Culture, Shop

Spotlights, floodlights and wallwashers for 220–240V track



Eclipse InTrack

140

Five sizes, ultra-slim Intrack adapter

Extensive accessories as well as RGBW and tunable white

Contour spotlights and zoom spotlights available

Culture, Shop, Community



Eclipse

148

Ideal for existing phase dimmable systems

Extensive accessories

Contour spotlights and zoom spotlights available

Culture, Shop, Community



Oseris

154

Ideal for narrow ceiling channels

Ball joint for easy alignment

Zoom spotlights available

Shop, Culture



Parscan

160

Ideal for ceiling channels and singlets

Zoom spotlights available

Elegant design due to integrated control gear

Culture, Shop



Pollux

166

Compact luminaire dimensions

Contour spotlights and zoom spotlights available

Culture, Hospitality

Spotlights, floodlights and wallwashers for 220–240V track



Optec

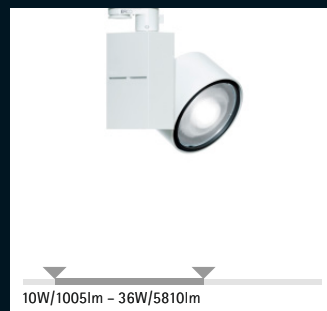
172

Contour spotlights and zoom spotlights available

RGBW available

Pivotable through 270°

Shop, Culture



Optec Basic

180

Very good price-performance ratio

Uniformly illuminated light emission surface

Pivotable through 270°

Shop



Stella

186

Large lumen packages for high illuminances

Ideal for high rooms

Strong accents from large distances

Community, Contemplation



Light Board

192

RGBW available

Elegant design due to integrated control gear

Suitable for singlets

Culture, Shop



Option

198

RGBW available

Flat luminaire design for low rooms

Two wattages per size

Shop



Logotec

204

Elegant design due to integrated control gear

Suitable for singlets

Shop



Cantax

210

Simple, concise design

Several wattages per size

Hospitality, Shop



Pantrac

216

Extremely uniform wallwashing

Large luminaire spacing

Simple handling

Culture, Community



Downlights and wallwashers  
for 220–240V track



Skim

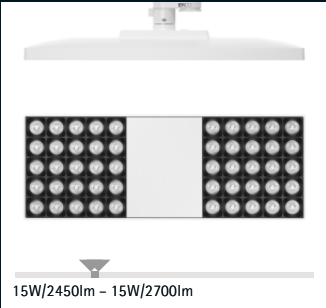
222

For office workstation lighting  
as of UGR<16

Slidable downlights for flexible  
office lighting

Three light distributions

Community, Work



Jilly

228

For office workstation lighting  
as of UGR<16

Slidable downlights for flexible  
office lighting

High visual comfort

Work, Community



Compar

234

For office workstation lighting  
as of UGR<16

Slidable downlights for flexible  
office lighting

Five light distributions

Work, Community





Liangzhu Museum, Hangzhou. Architecture: David Chipperfield, London. Lighting design: Hangzhou Zhengye Interior Design Co. Ltd.. Installation: Hangzhou Longsun Lighting Co., Ltd.. Photography: Jackie Chan, Sydney.



Liv Apartments, Fremantle. Lighting design: Lighting Options Australia, Perth. Photography: Matt Devlin, Perth.





## Eclipse 48V – The art of illuminating

### One spotlight system and 28,000 possibilities: with interchangeable darklight lenses and Minirail adapters

Illuminating art in museums and galleries as well as exclusive retail projects requires high-end lighting tools. Eclipse offers innovative technology, maximum visual comfort and a system spectrum that creates unparalleled scope for individual lighting solutions. Interchangeable lens units define the light distributions – also with zoom spotlights and contour spotlights. With only one light point and an almost invisible beam path, the

new Darklight lenses have a characteristic appearance. The wide diversity of the system can be further refined with accessories: four conversion filters generate 24 additional spectra from six LED light colours, and tunable white and RGBW are available for dynamic scenes. With three sizes from XS to M and adapters for the Minirail 48V track featuring a width of just 22mm, Eclipse 48V shines wherever high quality light is required from particularly compact luminaires, and with maximum connectivity: with wireless standards such as

Casambi Bluetooth or Zigbee as well as DALI via a radio gateway.

### Related ranges



**Eclipse InTrack**  
for track  
220-240V  
Page 142



**Eclipse**  
for track  
220-240V  
Page 150





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lenses

- Made of optical polymer
- Darklight lenses: narrow spot, spot, flood, wide flood or extra wide flood
- Spherolit lenses: oval flood, oval wide flood or wallwash
- Zoom lenses: zoom spot and zoom oval; continuously focusable
- Projection lenses: framing; continuously focusable

#### 2 Lens unit

- Rotatable through 360°
- Polymer, white or black
- Contour spotlights with framing attachment

#### 3 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K), tunable white (2700-8000K) or RGBW
- Collimating lens made of optical polymer

#### 4 Housing and bracket

- White (RAL9002), black or silver
- Die cast zinc or cast aluminium, powder-coated
- Pivotal 0°–270°
- Bracket: cast aluminium/polymer; rotatable through 360° on adapter

#### 5 Control gear

- Switchable, On-board Dim, Casambi Bluetooth or Zigbee
- On-board Dim version: rotary control for control of brightness on the luminaire

#### 6 ERCO Minirail adapter

##### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/eclipse-48V](http://www.erco.com/eclipse-48V)

## Eclipse 48V for Minirail track



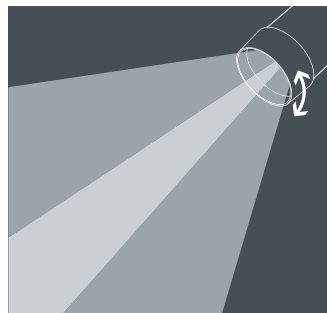
### Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to illuminate from within.



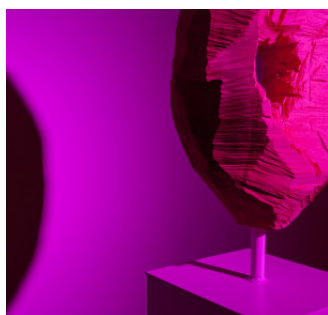
### Darklight lens

The Darklight lens not only creates a magical impression with just one light point. It also features precise, uniform light distributions, wide flexibility in the selection of beam characteristics and state of the art efficiency.



### Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



### Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



### 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.

### Special characteristics



Efficient darklight technology



Contour spotlight



Zoom spotlight



Coloured light



Tunable white



ERCO high-power LEDs



Optical cut-off 40°/50°/60°



Different light distributions



Oval flood, freely rotatable



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessory for maximum visual comfort



Switchable



On-board Dim



ERCO Wireless DALI Connect



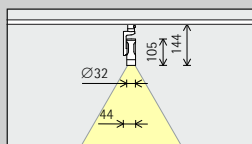
Casambi Bluetooth



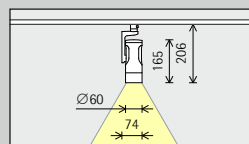
Zigbee

# Eclipse 48V for Minirail track

## Size



**XS**  
Ø 32mm



**S**  
Ø 60mm

## LED module

Maximum value at 4000K CRI 82

2.1W/266lm	3.2W/374lm (Narrow spot)
3.2W/374lm	

8.2W/1064lm	3.2W/374lm (Narrow spot)
12.7W/1496lm	

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

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

Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Oval wide flood
Zoom spot	Lens wallwashers
Zoom oval	Wallwash
Contour spotlights	
Framing	

## Control

Switchable	On-board Dim
Casambi Bluetooth + DALI via Gateway	Zigbee

Switchable	On-board Dim
Casambi Bluetooth + DALI via Gateway	Zigbee

## Colour (housing)

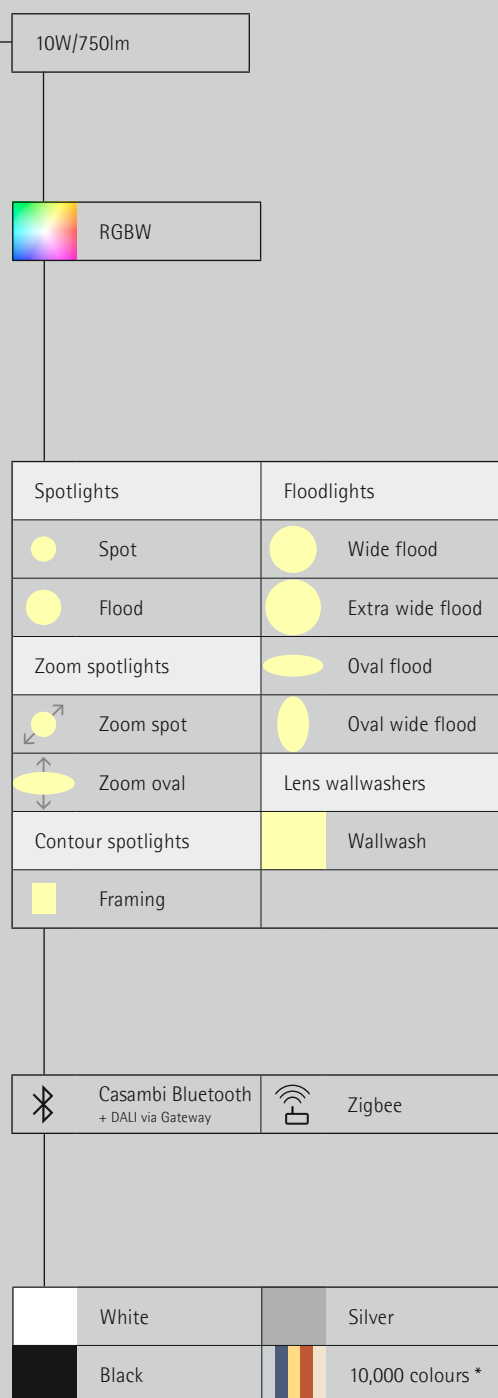
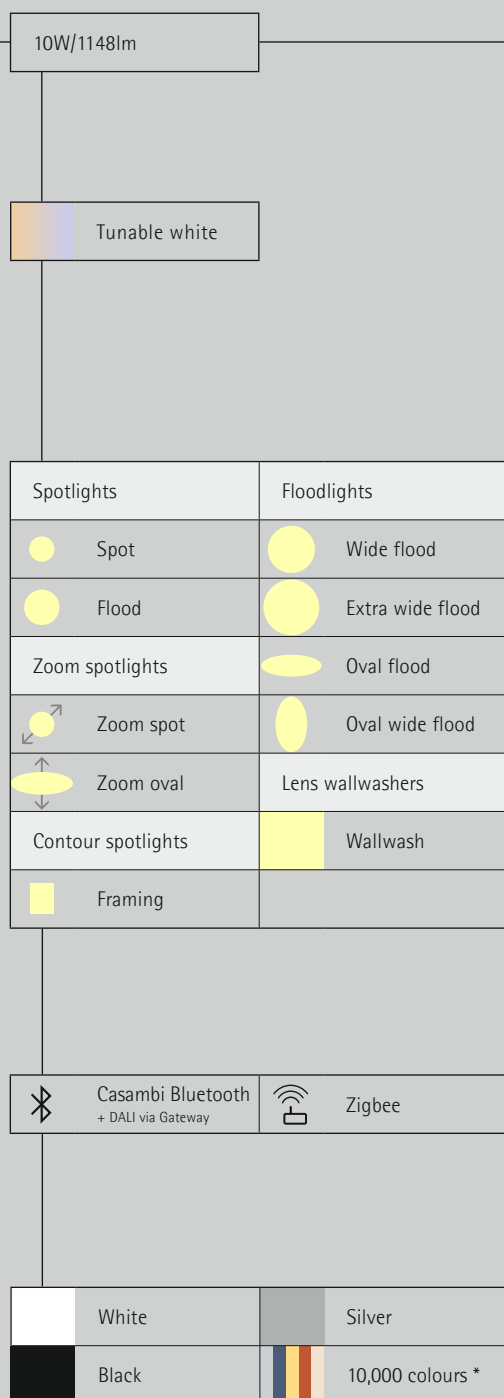
	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

## Accessory

	Lenses		Honeycomb louvre		Add-on Control Units
	Filter		Snoot		DALI Gateway
	Lens Units		Barn doors		Intrack Adapter 230V





\* available on request

Article numbers and planning data:  
[www.erco.com/019322](http://www.erco.com/019322)

Design and application:  
[www.erco.com/eclipse-48V](http://www.erco.com/eclipse-48V)



Eclipse 48V for Minirail track

Size



M  
Ø 92mm

LED module

Maximum value at 4000K CRI 82

14.4W/1862lm	4,3W/472lm (Narrow spot)
22.2W/2618lm	

20W/2296lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

 Tunable white

Light distribution

Spotlights	Floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Zoom spotlights	 Oval wide flood
 Zoom spot	Lens wallwashers
 Zoom oval	 Wallwash
Contour spotlights	
 Framing	

Spotlights	Floodlights
 Spot	 Wide flood
 Flood	 Extra wide flood
Zoom spotlights	 Oval flood
 Zoom spot	 Oval wide flood
 Zoom oval	Lens wallwashers
Contour spotlights	 Wallwash
 Framing	

Control










 Switchable	 On-board Dim
 Casambi Bluetooth + DALI via Gateway	 Zigbee

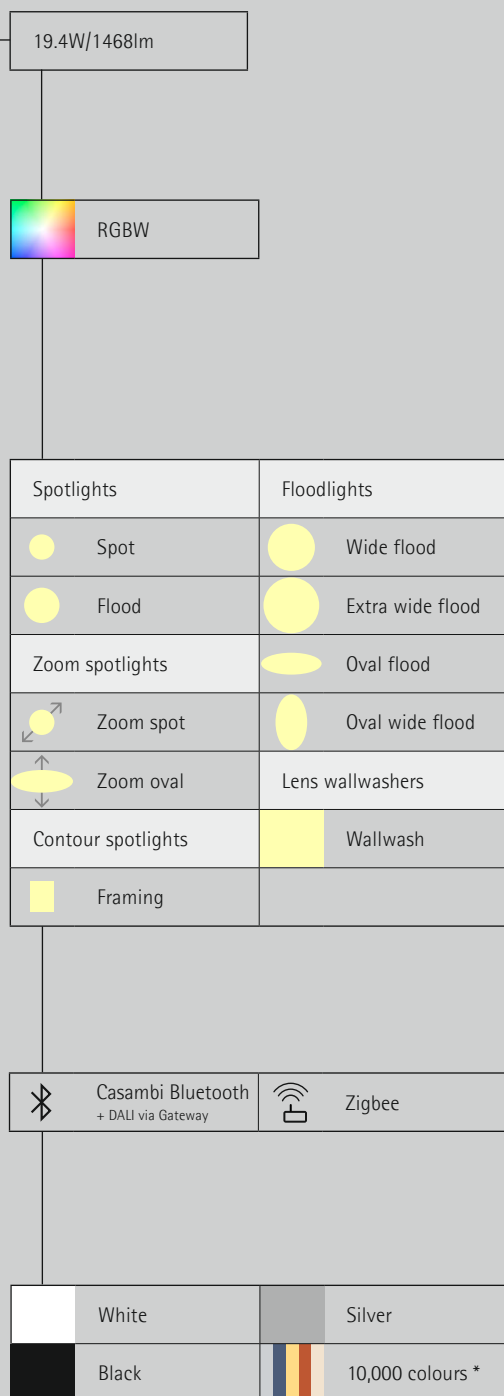
 Casambi Bluetooth + DALI via Gateway Zigbee

Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

	Lenses		Honeycomb louvre		Add-on Control Units
	Filter		Snoot		DALI Gateway
	Lens Units		Barn doors		Intrack Adapter 230V



\* available on request

Article numbers and planning data:  
[www.erco.com/019322](http://www.erco.com/019322)

Design and application:  
[www.erco.com/eclipse-48V](http://www.erco.com/eclipse-48V)









## Eclipse InTrack – The art of illuminating

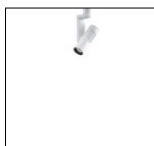
### One spotlight system and 28,000 possibilities: with interchangeable darklight lenses and ultra-slim adapters

Illuminating art in museums and galleries as well as exclusive retail projects requires high-end lighting tools. Eclipse offers innovative technology, maximum visual comfort and a system spectrum that creates unparalleled scope for individual lighting solutions. Interchangeable lens units define the light distributions – also with zoom spotlights and contour spotlights. With only one light point and an almost invisible beam path, the new Dark-

light lenses have a characteristic appearance. The wide diversity of the system can be further refined with accessories: four conversion filters generate 24 additional spectra from six LED light colours, and tunable white and RGBW are available for dynamic scenes. Eclipse is available in five sizes from XS to XL for applications of all sizes – ranging from compact display cases to halls and atria. The connectivity is just as versatile: for example with flexible Multi Dim electronics for DALI, Push Dim and phase dimming or with modules for wireless stand-

ards such as Casambi Bluetooth and Zigbee.

### Related ranges



**Eclipse 48V**  
for Minirail track  
Page 134



**Eclipse**  
for track  
220-240V  
Page 150



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lenses

- Made of optical polymer
- Darklight lenses: narrow spot, spot, flood, wide flood or extra wide flood
- Spherolit lenses: oval flood, oval wide flood or wallwash
- Zoom lenses: zoom spot and zoom oval; continuously focusable
- Projection lenses: framing; continuously focusable

### 2 Lens unit

- Rotatable through 360°
- Polymer, white or black
- Contour spotlights with framing attachment

### 3 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K), tunable white (2700-8000K) or RGBW
- Collimating lens made of optical polymer

### 4 Housing and bracket

- White (RAL9002), black or silver
- Die cast zinc or cast aluminium, powder-coated
- Pivotal 0°–270°
- Bracket: cast aluminium/polymer; rotatable through 360° on adapter

### 5 Control gear

- Switchable, On-board Dim, Multi Dim, Multi Dim+On-board Dim, Casambi Bluetooth or Zigbee
- Multi Dim version: DALI dimmable, Push Dim or dimming with external dimmers (leading edge-/trailing edge-/ universal dimmer) possible
- On-board Dim version: rotary control for control of brightness on the luminaire

### 6 ERCO Intrack adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/eclipse-intrack](http://www.erco.com/eclipse-intrack)

## Eclipse InTrack for track 220-240V



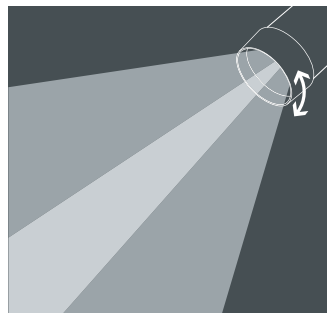
### Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to illuminate from within.



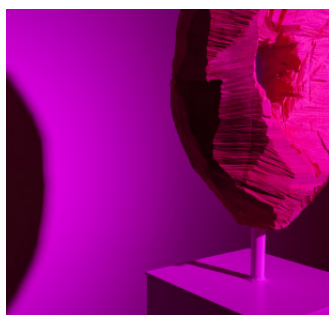
### Darklight lens

The Darklight lens not only creates a magical impression with just one light point. It also features precise, uniform light distributions, wide flexibility in the selection of beam characteristics and state of the art efficiency.



### Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



### Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



### 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.

### Special characteristics



Efficient darklight technology



Contour spotlight



Zoom spotlight



Coloured light



Tunable white



ERCO high-power LEDs



Optical cut-off 40°/50°/60°



Different light distributions



Oval flood, freely rotatable



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessory for maximum visual comfort



Switchable



On-board Dim



Multi Dim



Multi Dim + On-board Dim



Casambi Bluetooth

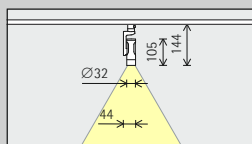


Zigbee

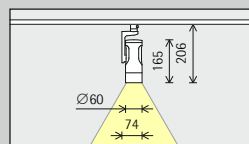


# Eclipse InTrack for track 220-240V

## Size



**XS**  
Ø 32mm



**S**  
Ø 60mm

## LED module

Maximum value at 4000K CRI 82

2.1W/266lm	3.2W/374lm (Narrow spot)
3.2W/374lm	

8.2W/1064lm	3.2W/374lm (Narrow spot)
12.7W/1496lm	

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

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

Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Oval wide flood
Zoom spot	Lens wallwashers
Zoom oval	Wallwash
Contour spotlights	
Framing	

## Control

Switchable	On-board Dim
Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Multi Dim + On-board Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
Casambi Bluetooth + DALI via Gateway	Zigbee

Switchable	On-board Dim
Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Multi Dim + On-board Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
Casambi Bluetooth + DALI via Gateway	Zigbee

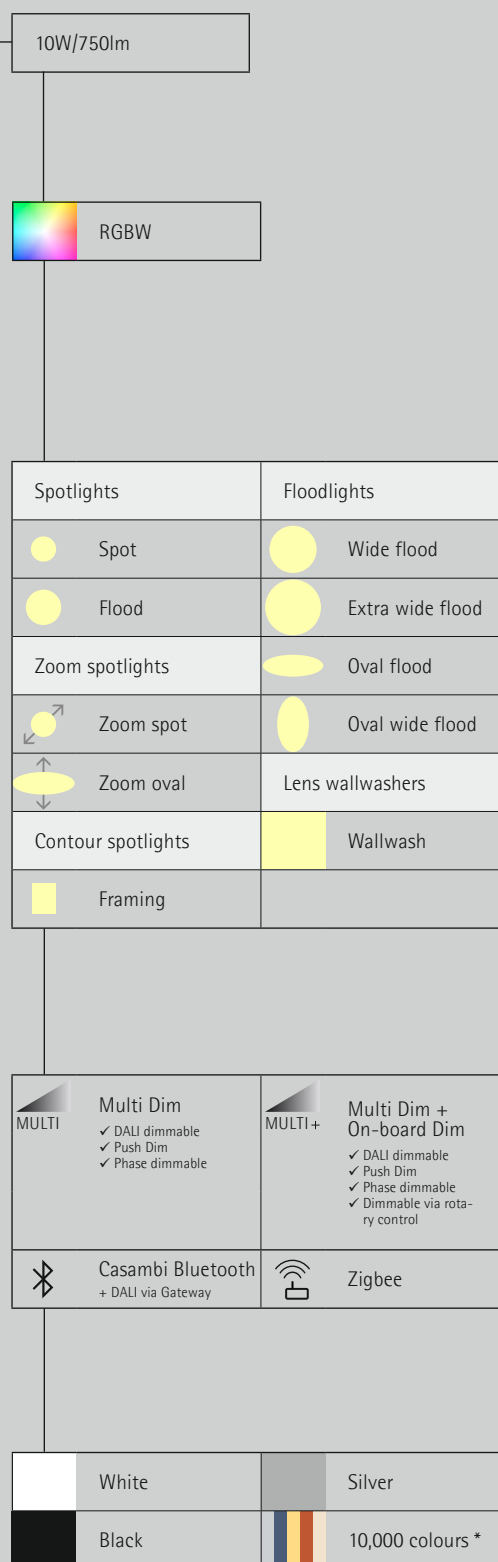
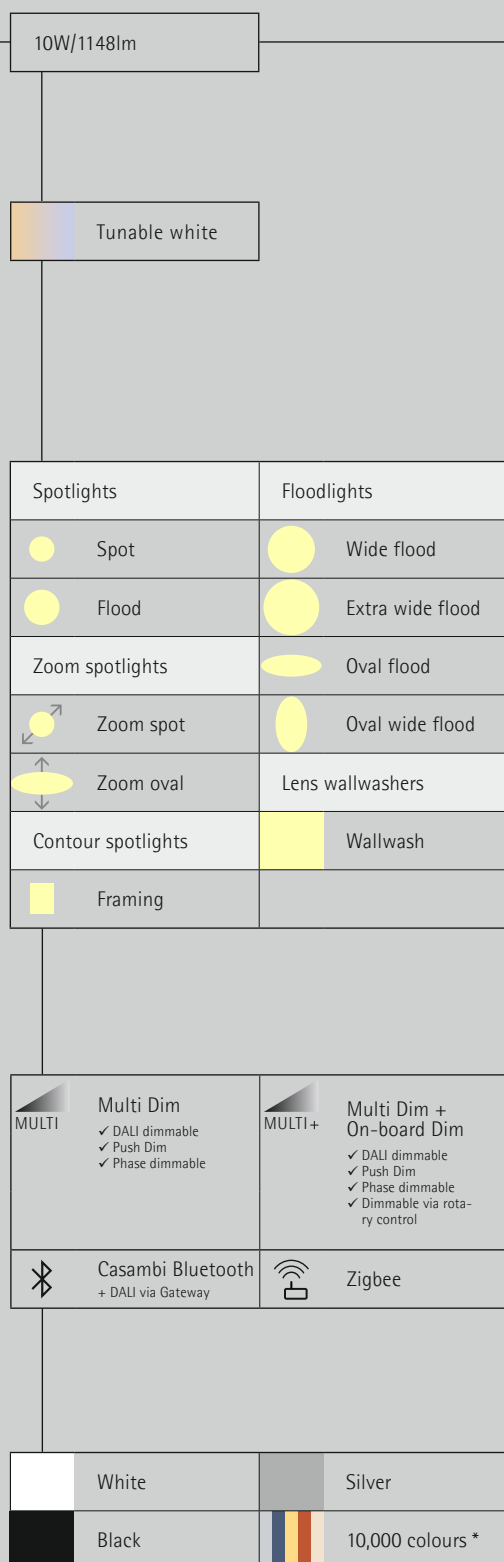
## Colour (housing)

White	Silver
Black	10,000 colours *

White	Silver
Black	10,000 colours *

## Accessory

Lenses	Lens Units	Snoot	Add-on Control Units
Filter	Honeycomb louvre	Barn doors	Gateways



\* available on request

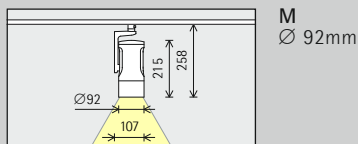
Article numbers and planning data:  
[www.erco.com/018437](http://www.erco.com/018437)

Design and application:  
[www.erco.com/eclipse-intrack](http://www.erco.com/eclipse-intrack)



# Eclipse InTrack for track 220-240V

## Size



## LED module

Maximum value at 4000K CRI 82

14.4W/1862lm	4.3W/472lm (Narrow spot)
22.2W/2618lm	

20W/2296lm
------------

## Light colour

2700K CRI 92	3500K CRI 92
3000K CRI 92	4000K CRI 82
3000K CRI 97	4000K CRI 92

Tunable white
---------------

## Light distribution

Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Oval wide flood
Zoom spot	Lens wallwashers
Zoom oval	Wallwash
Contour spotlights	
Framing	

Spotlights	Floodlights
Spot	Wide flood
Flood	Extra wide flood
Zoom spotlights	Oval flood
Zoom spot	Oval wide flood
Zoom oval	Lens wallwashers
Contour spotlights	Wallwash
Framing	

## Control

Switchable	On-board Dim
Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Multi Dim + On-board Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
Casambi Bluetooth + DALI via Gateway	Zigbee

Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Multi Dim + On-board Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
Casambi Bluetooth + DALI via Gateway	Zigbee

## Colour (housing)

White	Silver
Black	10,000 colours *

White	Silver
Black	10,000 colours *

## Accessory

Lenses	Lens Units	Snoot	Add-on Control Units
Filter	Honeycomb louvre	Barn doors	Gateways

L











XL











Product information about Eclipse InTrack L and XL sizes are available on request.

19.4W/1468lm

 RGBW

Spotlights	Floodlights
 Spot	 Wide flood
 Flood	 Extra wide flood
Zoom spotlights	 Oval flood
 Zoom spot	 Oval wide flood
 Zoom oval	Lens wallwashers
Contour spotlights	 Wallwash
 Framing	

 <b>Multi Dim</b> ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	 <b>Multi Dim + On-board Dim</b> ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
 Casambi Bluetooth + DALI via Gateway	 Zigbee

 White	 Silver
 Black	 10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/018437](http://www.erco.com/018437)

Design and application:  
[www.erco.com/eclipse-intrack](http://www.erco.com/eclipse-intrack)









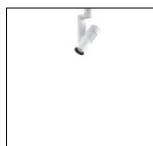
## Eclipse – The art of illuminating

### **One spotlight system and 28,000 possibilities: with interchangeable darklight lenses and reliable transadapters**

Illuminating art in museums and galleries as well as exclusive retail projects requires high-end lighting tools. Eclipse offers innovative technology, maximum visual comfort and a system spectrum that creates unparalleled scope for individual lighting solutions. Interchangeable lens units define the light distributions – also with zoom spotlights and contour spotlights. With only one light point and an almost invisible beam path, the new Darklight

lenses have a characteristic appearance. The wide diversity of the system can be further refined with accessories: four conversion filters for example create 24 additional spectra from six LED light colours. With three sizes from XS to M and the reliable transadapter, Eclipse blends seamlessly into existing track systems. The connectivity is just as adaptable: for example with DALI or phase dimmable with On-board Dim.

### Related ranges



**Eclipse 48V**  
for Minirail track  
Page 134



**Eclipse InTrack**  
for track  
220-240V  
Page 142



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lenses

- Made of optical polymer
- Darklight lenses: narrow spot, spot, flood, wide flood or extra wide flood
- Spherolit lenses: oval flood, oval wide flood or wallwash
- Zoom lenses: zoom spot and zoom oval; continuously focusable
- Projection lenses: framing; continuously focusable

### 2 Lens unit

- Rotatable through 360°
- Polymer, white or black
- Contour spotlights with framing attachment

### 3 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 4 Housing and bracket

- White (RAL9002), black or silver
- Die cast zinc or cast aluminium, powder-coated
- Pivotable 0°–270°
- Bracket: cast aluminium/polymer; rotatable through 360° on adapter

### 5 Control gear

- Switchable, phase dimmable+On-board Dim or DALI dimmable
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 6 ERCO transadapter or ERCO DALI transadapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/eclipse-t](http://www.erco.com/eclipse-t)

## Eclipse for track 220-240V



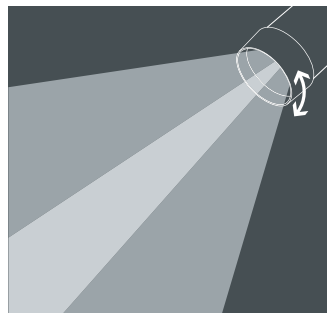
### Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to illuminate from within.



### Darklight lens

The Darklight lens not only creates a magical impression with just one light point. It also features precise, uniform light distributions, wide flexibility in the selection of beam characteristics and state of the art efficiency.



### Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.

### Special characteristics



Efficient darklight technology



Contour spotlight



Zoom spotlight



ERCO high-power LEDs



Optical cut-off 40°/50°/60°



Different light distributions



Oval flood, freely rotatable



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim

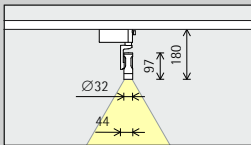


DALI dimmable

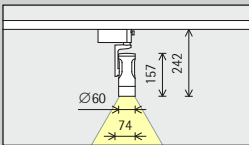


Eclipse for track 220–240V

Size



**XS**  
Ø 32mm



**S**  
Ø 60mm

**LED module**  
Maximum value  
at 4000K CRI 82

2.1W/266lm	3.2W/374lm (Narrow spot)
3.2W/374lm	

8.2W/1064lm	3.2W/374lm (Narrow spot)
12.7W/1496lm	

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

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

Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Oval wide flood
Zoom spot	Lens wallwashers
Zoom oval	Wallwash
Contour spotlights	
Framing	

Control

	Switchable		DALI
	Phase dimmable + On-board Dim		

	Switchable		DALI
	Phase dimmable + On-board Dim		

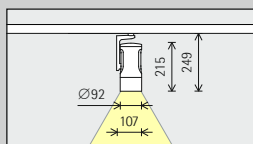
Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *







Accessory












	Lenses		Lens Units		Snoot
	Filter		Honeycomb louvre		Barn doors










M  
Ø 92mm

14.4W/1862lm	4.3W/472lm (Narrow spot)
22.2W/2618lm	

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Spotlights	Floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Zoom spotlights	 Oval wide flood
 Zoom spot	Lens wallwashers
 Zoom oval	 Wallwash
Contour spotlights	
 Framing	

	Switchable		DALI
	Phase dimmable + On-board Dim		

	White		Silver
	Black		10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/019323](http://www.erco.com/019323)

Design and application:  
[www.erco.com/eclipse-t](http://www.erco.com/eclipse-t)







## Oseris – The pivotal feature

### **Compact, versatile spotlights with characteristic semi-spherical joint**

Oseris is a brilliant concept designed to enrich the world of digital lighting – the swivel joint is bevelled flush against the semi-spherical light head for a slick design. As well as enhancing the aesthetic appeal of the lighting tool, the idea behind this feature is to facilitate precise alignment – and to provide real value added in tight spaces such as ceiling channels. Oseris spotlights feature Spherolit lenses that enable a wide range of light distribution patterns,

and in various sizes and wattages achieve a variety of lumen packages to allow for differentiated lighting concepts with maximum freedom in design. The control gear is housed in the ERCO transadapter. Snoots are available as accessories for any situation requiring optimum glare control. This makes Oseris an exceptionally versatile lighting tool that lends itself for use in shops and museums as well as high-end residences: compact, precise and efficient – Oseris evokes character and charm with striking features that add to the

already impressive diversity of spotlight designs in the ERCO range.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

or

### Attachment (zoom spotlight)

- Zoom lens, continuously focusable
- Light distributions: zoom spot, zoom oval
- Zoom oval 360° rotation

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Bracket on transadapter rotatable through 360°
- Internal wiring

### 4 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 5 ERCO transadapter or ERCO DALI transadapter

### Variants on request

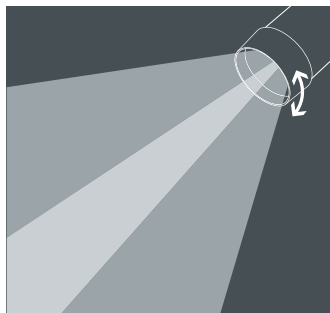
- Housing: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/oseris](http://www.erco.com/oseris)

## Oseris for track 220-240V



### Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



### Ideal for ceiling channels

The compact design and central pivot point predestine some luminaires for installation in ceiling channels.

### Special characteristics



Oval flood, freely rotatable



Zoom spotlight



Small luminaire dimensions



Ideal for ceiling channels



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



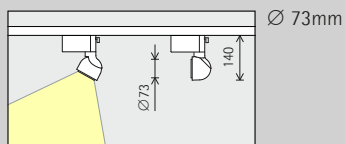
DALI dimmable



Casambi Bluetooth

# Oseris for track 220-240V

## Construction size



Ø 73mm

## LED module

Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

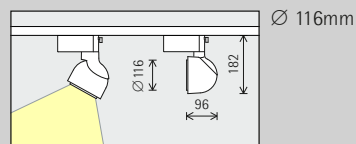
Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Lens wallwashers
Zoom spot	Wallwash
Zoom oval	

## Control

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

## Colour (housing)

	White		Silver
	Black		10,000 colours *



Ø 116mm

12W/1650lm	4W/550lm (Narrow spot)
19W/2460lm	6W/820lm (Narrow spot)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		Silver
	Black		10.000 Farben *

## Accessories

	Lenses		Cross-baffle
	Snoots		Honeycomb anti-glare screen



Ekonomikum at the University of Uppsala, Uppsala. Architecture: Swe-co Architects, Jonas Kjellander, Stockholm. Photography: Johan Elm, Stockholm.

\* available on request

Article numbers and planning data:  
[www.erco.com/016049](http://www.erco.com/016049)

Design and application:  
[www.erco.com/oseris](http://www.erco.com/oseris)









## Parscan – Systematic diversity

**The elegant and universal spotlight system for museums and shops**

Light, not luminaires – this is the foundation on which the sleek, cylindrical shape of Parscan is modelled. Different lighting solutions can be implemented efficiently thanks to precise and flexible photometrics. If the spotlight is directed vertically downwards as a downlight, the support bracket merges into the cylindrical shape. With its black housing, compact shape and a luminaire head that barely swivels out when rotated or tilted, the Parscan is also ideal for

mounting in ceiling channels. The excellent glare control enhances visual comfort even in challenging lighting situations. Displaying a minimalist design, the luminaire appears unobtrusive in museums, shops or places of worship.





#### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

or

#### Attachment (zoom spotlight)

- Zoom lens, continuously focusable
- Light distributions: zoom spot, zoom oval
- Zoom oval 360° rotation

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Bracket on adapter rotatable through 360°

#### 4 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

#### 5 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/parscan](http://www.erco.com/parscan)

## Parscan for track 220-240V



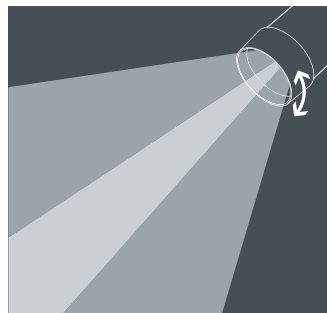
### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



### Large lumen packages for very high illuminances

The attention of the viewer can be focused via contrasting accents. ERCO has high-performance luminaires with large lumen packages in its range for this purpose.



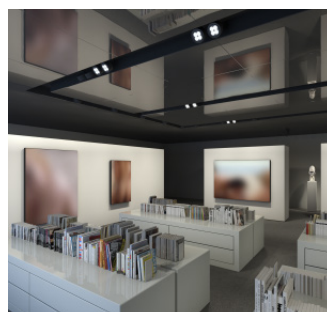
### Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



### Ideal for ceiling channels

The minimalist design of Parscan is suitable for situations in which the luminaire should appear as discreet as possible - for example in museums or shops. If the luminaires are integrated into the ceiling channel they remain almost completely concealed.

### Special characteristics



Large lumen packages for very high illuminances



Oval flood, freely rotatable



Zoom spotlight



Small luminaire dimensions



Ideal for ceiling channels



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



DALI dimmable

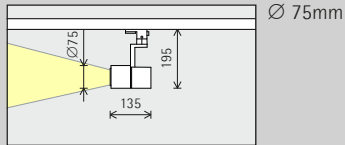


Casambi Bluetooth



# Parscan for track 220-240V

## Construction size



Ø 75mm

## LED module

Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

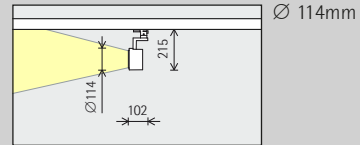
Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Lens wallwashers
Zoom spot	Wallwash
Zoom oval	

## Control

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

## Colour (housing)

	White		Silver
	Black		10,000 colours *



Ø 114mm

12W/1650lm	4W/550lm (Narrow spot)
------------	------------------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

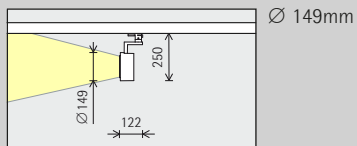
Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Lens wallwashers
Zoom spot	Wallwash
Zoom oval	

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		Silver
	Black		10,000 colours *

## Accessories

	Lenses		Cross-baffle
	Snoots		Honeycomb anti-glare screen



Ø 149mm

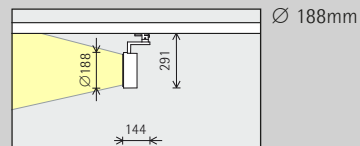
24W/3300lm	8W/1100lm (Narrow spot)
------------	-------------------------

2700K CRI 92	3500K CRI 92
3000K CRI 92	4000K CRI 82
3000K CRI 97	4000K CRI 92

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

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

White	Silver
Black	10,000 colours *



Ø 188mm

48W/6600lm	18W/2475lm (Narrow spot)
------------	--------------------------

2700K CRI 92	3500K CRI 92
3000K CRI 92	4000K CRI 82
3000K CRI 97	4000K CRI 92

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

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

White	Silver
Black	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/012323](http://www.erco.com/012323)

Design and application:  
[www.erco.com/parscan](http://www.erco.com/parscan)







## Pollux – For magic moments

### **Pollux, the compact spotlight for versatile use**

The versatility of Pollux, underwritten by its compact format, displays particular strengths in museums, shops, the catering industry or residential environments. As a special highlight, Pollux also includes contour spotlights with LED. Using the framing attachment, their sharp-edged beam can be adjusted to suit the format of images and objects in the room or on the wall.

This creates wonderful effects that are particularly valuable in museums and galleries. Its understated design means that Pollux

is also excellent in combination with other spotlight series or as a gradual addition to existing lighting systems.





#### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

or

#### Attachment (zoom spotlight)

- Zoom lens, continuously focusable
- Light distributions: zoom spot, zoom oval
- Zoom oval 360° rotation

or

#### Attachment (contour spotlight)

- Rotatable through 360°
- Framing attachment: polymer, black
- Fresnel lens
- Holder with projection lens, continuously focusable

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Bracket on transadapter rotatable through 360°
- Internal wiring

#### 4 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

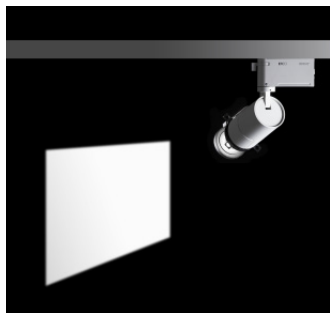
#### 5 ERCO transadapter or ERCO DALI transadapter

##### Variants on request

- Housing: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/pollux](http://www.erco.com/pollux)



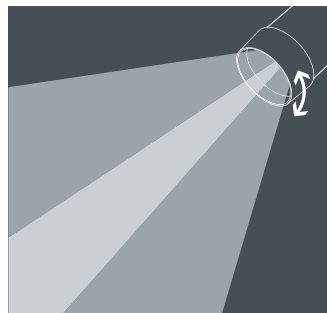
## Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to illuminate from within.



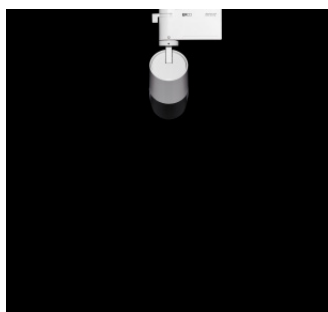
## Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



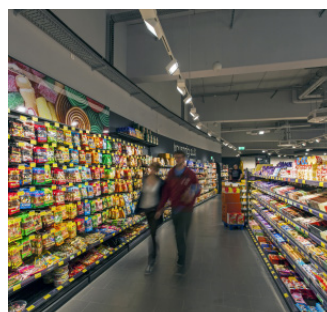
## Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



## Very good price performance ratio

The entry-level products offer an attractive price/performance ratio for lighting design tasks especially oriented towards cost-effectiveness. The luminaires of course meet high levels of energy efficiency and the basic requirements for visual comfort.

## Special characteristics



Oval flood, freely rotatable



Contour spotlight



Zoom spotlight



Small luminaire dimensions



Very good price performance ratio



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



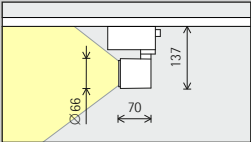
DALI dimmable



Casambi Bluetooth

Pollux for track 220-240V

Construction size









Ø 66mm



LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)





Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light  
distribution

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





Control

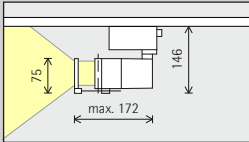
 Switchable	 DALI
 Phase dimmable + On-board Dim	 Casambi Bluetooth

Colour (housing)

	White		Silver
	Black		10,000 colours *







Accessories


	Lenses		Cross-baffle
	Snoots		Honeycomb anti-glare screen











Ø 66mm

6W/825lm
10W/1230lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Contour spotlights
 Framing

 Switchable	 DALI
 Phase dimmable + On-board Dim	 Casambi Bluetooth

	White		Silver
	Black		10,000 colours *



Galleria Arte Moderna, Milan.  
Photography:  
Moritz Hillebrand,  
Zurich.

\* available on request

Article numbers and planning data:  
[www.erco.com/013445](http://www.erco.com/013445)

Design and application:  
[www.erco.com/pollux](http://www.erco.com/pollux)











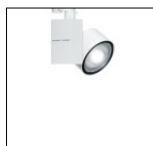
## Optec – The all-round talent

### Optec – the spotlight for any purpose

Anything is possible with Optec. In versions with different light distributions, Optec covers the full bandwidth of lighting requirements in shops, galleries and museums – high-contrast accent lighting, floodlighting of exhibits, uniform illumination of walls, or sharp-edged beams for striking effects. With innovative photometrics, Optec combines efficiency with visual comfort. To ensure excellent heat management and flawless performance, ERCO has separated the light head

and control gear, whilst, at the same time, the combination of cuboid and cylinder creates the visual impression of less volume and a classic design.

### Related ranges



**Optec Basic**  
for track  
220-240V  
Page 182



#### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherulite lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

or

#### Attachment (zoom spotlight)

- Zoom lens, continuously focusable
- Light distributions: zoom spot, zoom oval
- Zoom oval 360° rotation

or

#### Attachment (contour spotlight)

- Rotatable through 360°
- Framing attachment
- Holder with projection lens, continuously focusable

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with highly reflective colour mixer

#### 3 Cylindrical light head

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 270° tilt

#### 4 Housing

- White (RAL9002), black or silver
- Polymer
- Rotatable through 360° on adapter

#### 5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

#### 6 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/optec](http://www.erco.com/optec)



## Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to illuminate from within.



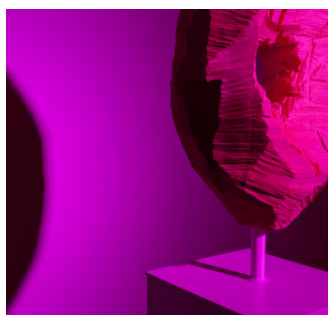
## Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



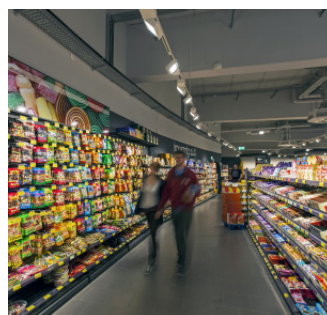
## Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.



## Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



## Very good price performance ratio

The entry-level products offer an attractive price/performance ratio for lighting design tasks especially oriented towards cost-effectiveness. The luminaires of course meet high levels of energy efficiency and the basic requirements for visual comfort.

## Special characteristics

	Oval flood, freely rotatable
	Contour spotlight
	Zoom spotlight
	Coloured light
	Very good price performance ratio



ERCO chip-on-board LED



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



DALI dimmable

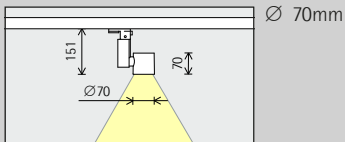


Casambi Bluetooth

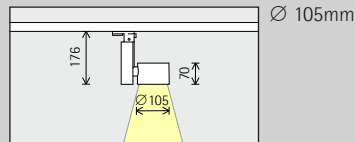


# Optec for track 220-240V

## Construction size



Ø 70mm



Ø 105mm

## LED module

Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)

12W/1650lm	6W/820lm (Narrow spot)
19W/2460lm	3W/410lm (Narrow spot)

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

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

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

## Control

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

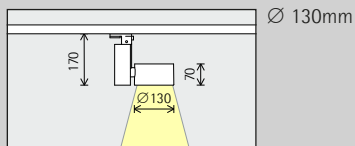
## Colour (housing)

White	Silver
Black	10,000 colours *

White	Silver
Black	10,000 colours *

## Accessories

Lenses	Cross-baffle
Snoot	Honeycomb anti-glare screen



24W/3300lm	8W/1100lm (Narrow spot)
38W/4920lm	13W/1640lm (Narrow spot)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		Silver
	Black		10,000 colours *

28W/1660lm
------------

	RGBW
--	------

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

	DALI
--	------

	White		Silver
	Black		10,000 colours *

\* available on request

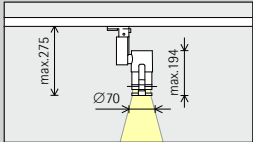
Article numbers and planning data:  
[www.erco.com/013760](http://www.erco.com/013760)

Design and application:  
[www.erco.com/optec](http://www.erco.com/optec)



Optec for track 220-240V

Construction size



Ø 70mm

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm
10W/1230lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

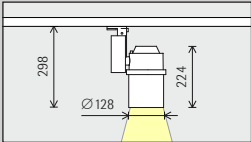
	Contour spotlights
	Framing

Control

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

Colour (housing)

	White		Silver
	Black		10,000 colours *



Ø 128mm

18W/2475lm
28W/3690lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	Contour spotlights
	Framing

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		Silver
	Black		10,000 colours *



Liangzhu Museum, Hangzhou. Architecture: David Chipperfield, London. Lighting design: Hangzhou Zhengye Interior Design Co. Ltd.. Installation: Hangzhou Longsun Lighting Co., Ltd.. Photography: Jackie Chan, Sydney.

\* available on request

Article numbers and planning data:  
[www.erco.com/013760](http://www.erco.com/013760)

Design and application:  
[www.erco.com/optec](http://www.erco.com/optec)







SCHINKEN

OBST & GEMÜSE

WEIN





## Optec Basic – The all-round talent

### **Optec – the spotlight for any purpose**

Everything is possible with Optec Basic. With different light distributions, Optec Basic covers all requirements for illuminating merchandise and exhibits: from high-contrast accentuation to flooding exhibits. The innovative photometrics of Optec Basic combine efficiency with visual comfort. ERCO has separated the luminaire head and control unit to achieve outstanding thermal management and high efficiency levels. The combination of cube and cylinder gives

the visual impression of small size and a classic design.

### **Related ranges**



**Optec**  
for track  
220-240V  
Page 174





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: spot, flood, wide flood, oval flood or wallwash
- Oval flood 360° rotation

### 2 ERCO LED-module

- Chip-on-board LED: warm white (2700K or 3000K), neutral white (3500K or 4000K) or Fashion (3000K)
- Collimating lens made of optical polymer

### 3 Cylindrical light head

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 270° tilt

### 4 Housing

- White (RAL9002), black or silver
- Polymer
- Rotatable through 360° on adapter

### 5 Control gear

- Switchable or DALI dimmable

### 6 ERCO 3-circuit adapter or ERCO DALI adapter

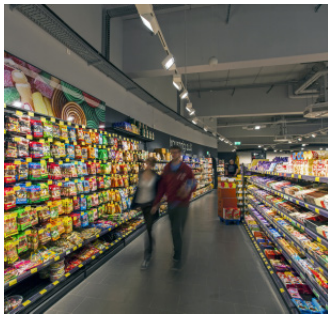
#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/optec-basic](http://www.erco.com/optec-basic)

## Optec Basic for track 220-240V



### Very good price performance ratio

The entry-level products offer an attractive price/performance ratio for lighting design tasks especially oriented towards cost-effectiveness. The luminaires of course meet high levels of energy efficiency and the basic requirements for visual comfort.

### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.

### Special characteristics



Oval flood, freely rotatable



Very good price performance ratio



ERCO chip-on-board LED



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessory for maximum visual comfort



Switchable

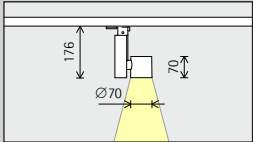


DALI dimmable



Optec Basic for track 220-240V









Construction size Ø 70mm








LED module  
Maximum value  
at 4000K CRI 82

10W/1635lm



Light colour

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion





Light  
distribution

Spotlights		Floodlights	
	Spot		Wide flood
	Flood		Oval flood
		Lens wallwashers	
			Wallwash

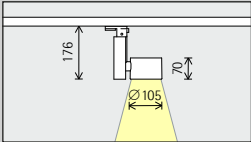
Control

	Switchable
	DALI









Colour (housing)






	White		Silver
	Black		10,000 colours *



Ø 105mm







21W/3270lm





	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K Ra 92
	3000K CRI 92		Fashion

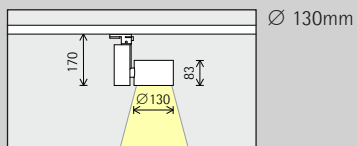
Spotlights		Floodlights	
	Spot		Wide flood
	Flood		Oval flood
		Lens wallwashers	
			Wallwash

	Switchable
	DALI









	White		Silver
	Black		10,000 colours *






Accessories

	Lenses		Cross-baffle
	Snoot		Honeycomb anti-glare screen







36W/5810lm

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

Spotlights	Floodlights
 Spot	 Wide flood
 Flood	 Oval flood
	Lens wallwashers
	 Wallwash

	Switchable
	DALI

	White		Silver
	Black		10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/019308](http://www.erco.com/019308)

Design and application:  
[www.erco.com/optec-basic](http://www.erco.com/optec-basic)











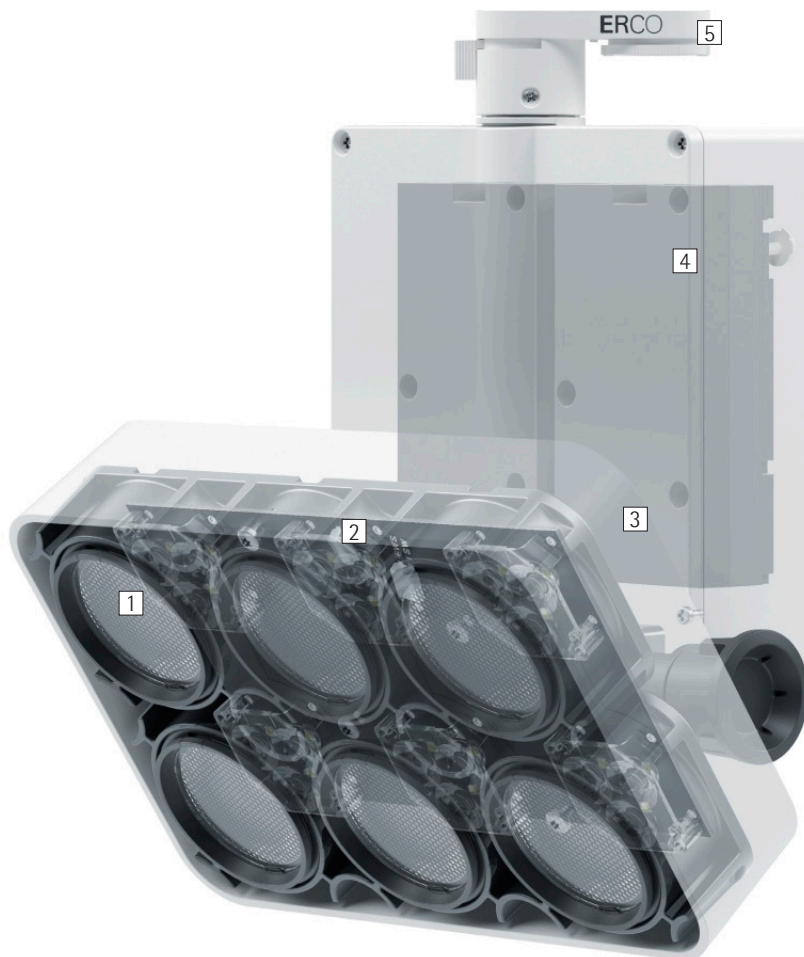
## Stella – For high rooms and high demands

### High-impact, efficient and precise tools for accent lighting

It's a physical law: illuminance recedes with the square of the distance between the light source and illuminated plane. This is the reason why high-lumen output luminaires are needed for wide lighting distances and high rooms – for example when showcasing vehicles in a trade show hall, for large sculptures in a museum foyer or for uniform wallwashing in an airport. The name Stella in the ERCO product spectrum represents high-performance spotlights, floodlights and wallwashers for track mount-

ing. The product range provides efficient replacements for existing applications using 150W metal halide lamps. The Stella family consists of two construction sizes and all light distributions within the ERCO system of luminaires generated by reliable and highly efficient Spherolit lens optics. As a result, complex lighting tasks can be flexibly and consistently resolved. The purist, technical design of the cast aluminium housing achieves ideal thermal conditions and therefore reliability and a long service life.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Housing and luminaire head

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- Luminaire head pivotable from 0° to 90°. Screw for setting the inclination angle
- Housing can be rotated through 360° on the adapter
- Internal wiring

### 4 Control gear

- phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 5 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/stella](http://www.erco.com/stella)



## Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



## Large lumen packages for very high illuminances

The attention of the viewer can be focused via contrasting accents. ERCO has high-performance luminaires with large lumen packages in its range for this purpose.

### Special characteristics



Large lumen packages for very high illuminances



Oval flood, freely rotatable



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort



Phase dimmable + On-board Dim



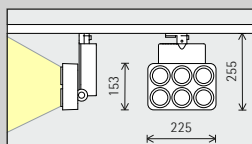
DALI dimmable



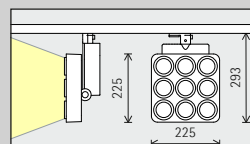
Casambi Bluetooth

# Stella for track 220-240V

## Construction size



225mm/153mm



225mm/225mm

## LED module

Maximum value at 4000K CRI 82

36/4950lm	28W/3850lm (Narrow spot)
57W/7380lm	39W/4970lm (Narrow spot)

74W/9585lm	76W/9840lm (Narrow spot)
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## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

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

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

## Control

	Phase dimmable + On-board Dim
	DALI
	Casambi Bluetooth

	Phase dimmable + On-board Dim
	DALI
	Casambi Bluetooth

## Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

## Accessories

	Lenses		Honeycomb anti-glare screen
	Snoots		Honeycomb anti-glare screen
	Cross-baffle		



Cathedral, Siena  
Photography:  
Frieder Blickle,  
Hamburg.

\* available on request

Article numbers and planning data:  
[www.erco.com/016766](http://www.erco.com/016766)

Design and application:  
[www.erco.com/stella](http://www.erco.com/stella)





# BIER? ■ FASS UND FASSMACHER

**FASS UND FASSMACHER**

Die Fassung ist eine der ältesten Handwerke in Deutschland. Sie hat eine lange Tradition, die bis in die Steinzeit zurückgeht. In der Fassung werden verschiedene Materialien wie Holz, Metall und Stein zu Gefäßen verarbeitet. Diese Gefäße werden dann für verschiedene Zwecke verwendet, wie zum Beispiel für die Lagerung von Flüssigkeiten oder für die Herstellung von Musikinstrumenten.

Die Fassung ist ein Handwerk, das viel Erfahrung und Geschick erfordert. Die Fassmacher müssen die Materialien sorgfältig auswählen und sie dann in die gewünschte Form bringen. Die Fassung ist ein Handwerk, das in Deutschland sehr geschätzt wird und das auch heute noch eine wichtige Rolle spielt.

FASS UND FASSMACHER

FASS UND FASSMACHER

FASS UND FASSMACHER



FASS UND FASSMACHER



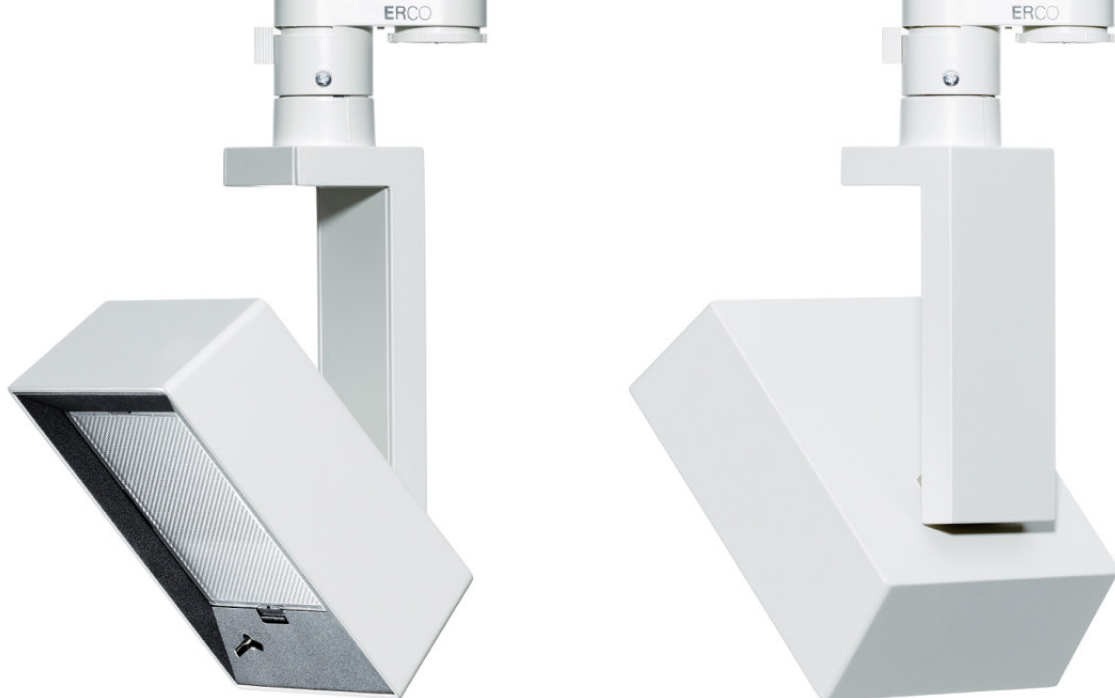
FASS UND FASSMACHER

FASS UND FASSMACHER

FASS UND FASSMACHER







## Light Board – An established archetype

### **Light Board is a strong partner for virtually any lighting task**

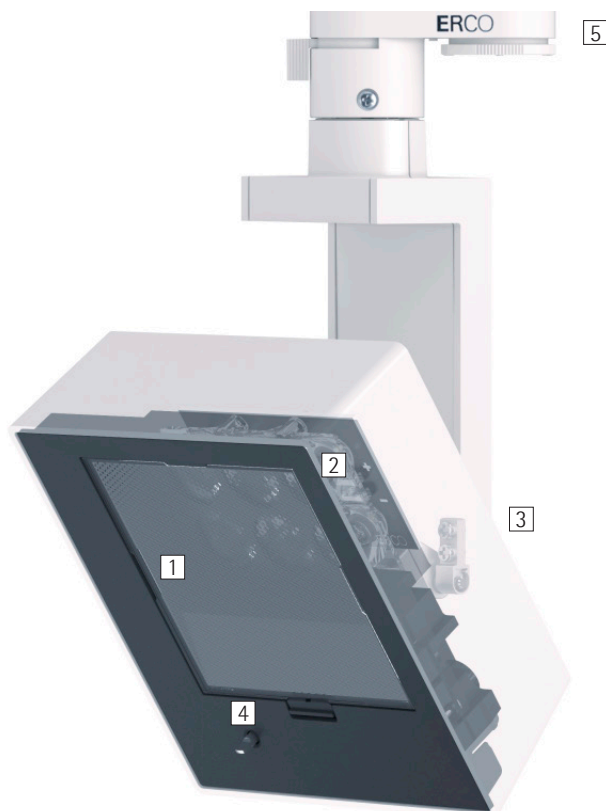
The most characteristic feature of Light Board is its striking design. The flat housing integrates the control gear, as sophisticated thermal management ensures a long service life. Innovative photometrics and easy adjustment deliver convincing arguments for use of the Light Board even for challenging tasks in salesrooms and museums. The Light Board concept includes various lumen packages making the range ideal for accent lighting across large distances in rooms

with high ceilings as well as for intensive illumination of walls. Special colour effects are achieved with the RGBW luminaire, or else you can use white light to optimise the colour temperature of the light for the illuminated object. For special room situations, Light Board can easily be combined with its recessed counterpart. Light Board as a result is a strong partner for creative lighting concepts with efficient visual comfort.

### Related ranges



**Light Board**  
Recessed flood-  
lights, recessed  
wallwashers  
Page 300



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with highly reflective colour mixer

### 3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Bracket on adapter rotatable through 360°
- Internal wiring
- Front cover: polymer, black

### 4 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

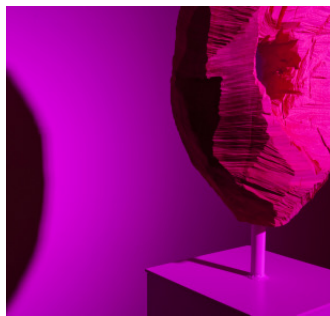
### 5 ERCO 3-circuit adapter or ERCO DALI adapter

### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/light-board](http://www.erco.com/light-board)



## Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



## Large lumen packages for very high illuminances

The attention of the viewer can be focused via contrasting accents. ERCO has high-performance luminaires with large lumen packages in its range for this purpose.



## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

## Special characteristics



Large lumen packages for very high illuminances



Coloured light



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



DALI dimmable

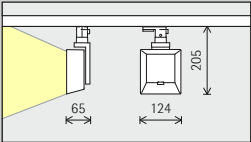


Casambi Bluetooth



Light Board for track 220-240V

Construction size



124mm

LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	4W/550lm (Narrow spot)
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Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

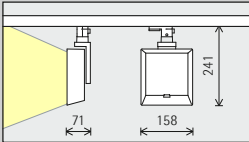
Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

Control

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

Colour (housing)

White	Silver
Black	10,000 colours *



158mm

24W/3300lm	12W/1650lm (Narrow spot)
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	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

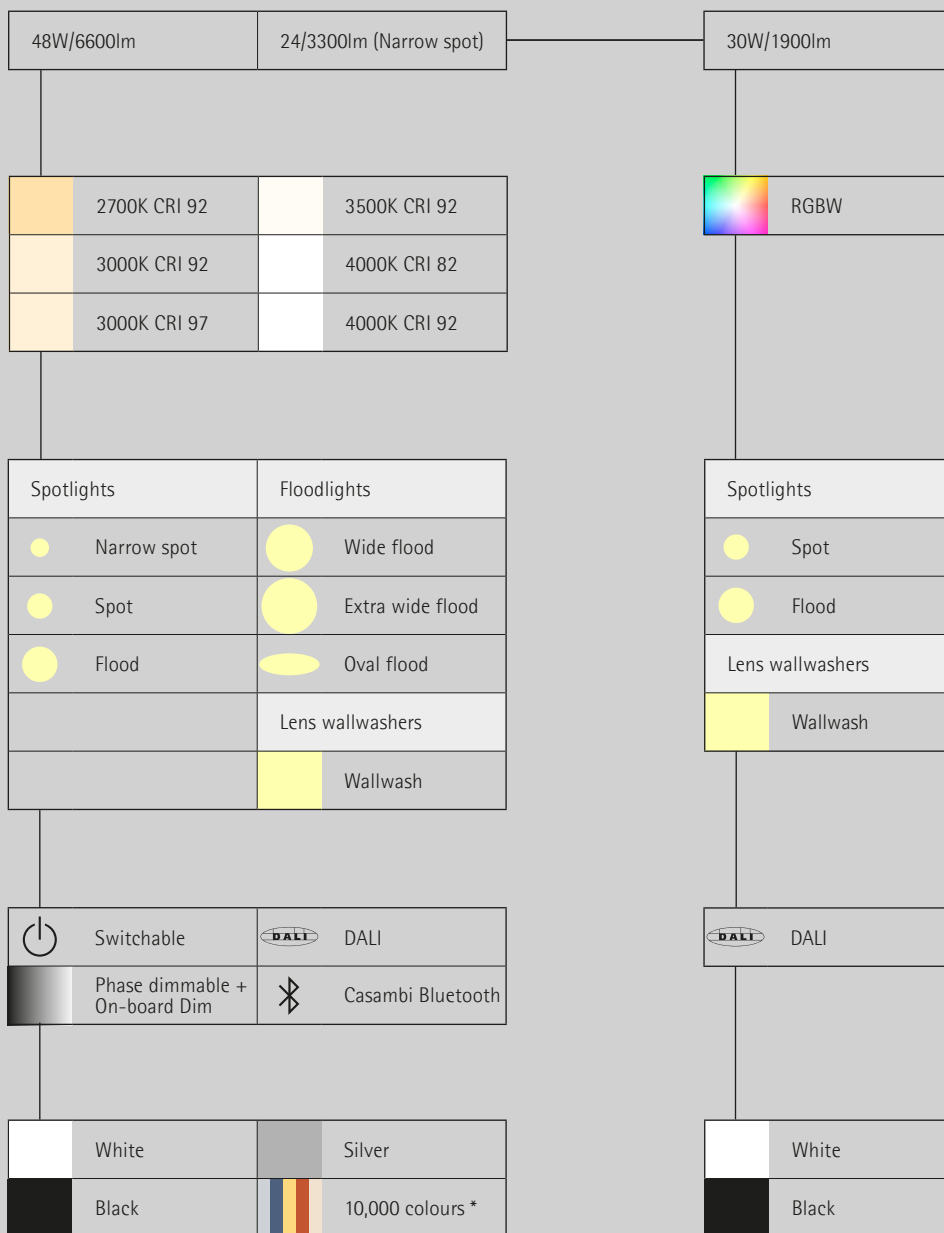
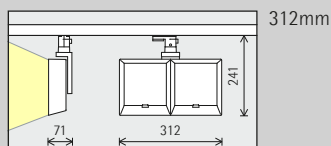
Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

White	Silver
Black	10,000 colours *

Accessories

	Lenses
	Snoots



\* available on request

Article numbers and planning data:  
[www.erco.com/012364](http://www.erco.com/012364)

Design and application:  
[www.erco.com/light-board](http://www.erco.com/light-board)











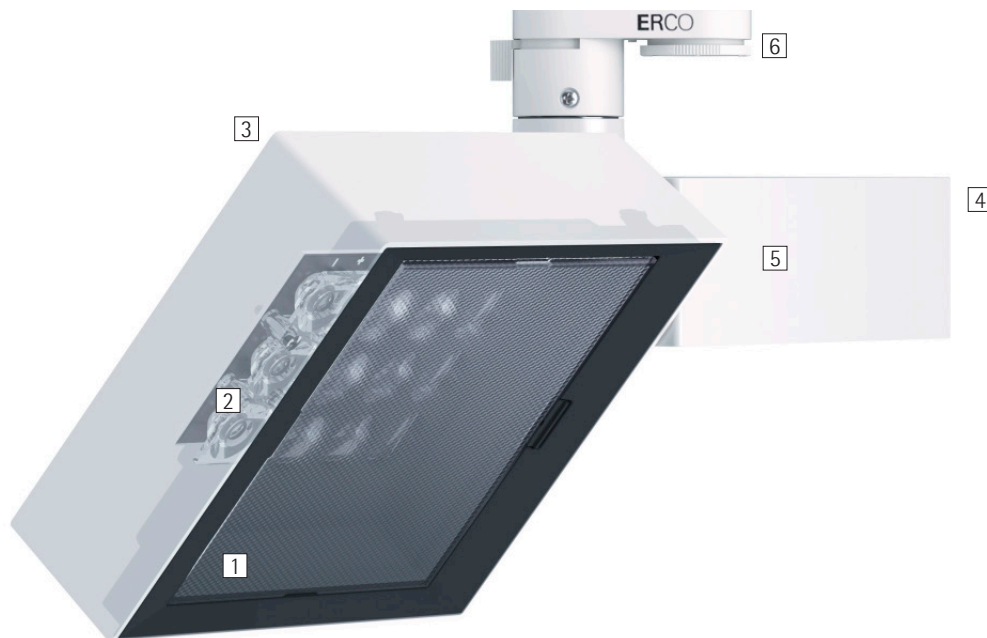
## Opton – The lighting tool for shop lighting

### **Flexible and low-cost illumination for salesrooms**

Opton is ideal for shop windows and salesrooms thanks to a particularly low height and a high luminous flux. ERCO achieves this with the intelligent positioning of control gear and luminaire head. The cast aluminium luminaire head ensures a long life thanks to sophisticated thermal management. In combination with efficient photometrics, Opton allows for highly economical and energy-efficient illumination. Variable distribution options further ensure flexible lighting solutions without com-

promising on the light quality. Opton – the ideal tool for shop lighting.





### Structure and characteristics

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#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with highly reflective colour mixer

#### 3 Light head

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Frame: polymer, black

#### 4 Housing

- White (RAL9002), black or silver
- Polymer
- Rotatable through 360° on adapter

#### 5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

#### 6 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/opton](http://www.erco.com/opton)



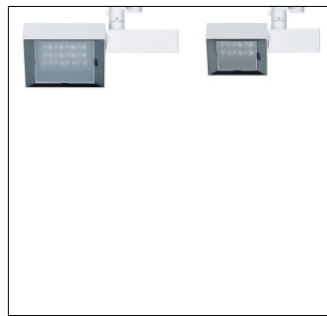
## Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



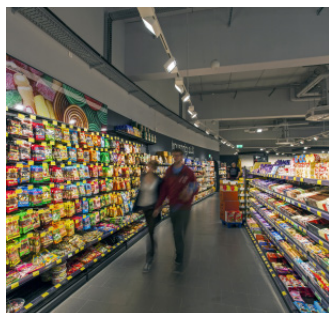
## Large lumen packages for very high illuminances

The attention of the viewer can be focused via contrasting accents. ERCO has high-performance luminaires with large lumen packages in its range for this purpose.



## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



## Very good price performance ratio

The entry-level products offer an attractive price/performance ratio for lighting design tasks especially oriented towards cost-effectiveness. The luminaires of course meet high levels of energy efficiency and the basic requirements for visual comfort.

### Special characteristics



Large lumen packages for very high illuminances



Coloured light



Small luminaire dimensions



Very good price performance ratio



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



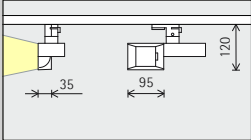
DALI dimmable



Casambi Bluetooth

Opton for track 220-240V

Construction size









95mm








LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)





Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light  
distribution

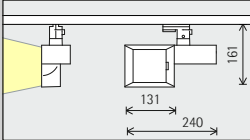
Spotlights	Floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Lens wallwashers	
 Wallwash	

Control

 Switchable	 DALI
 Phase dimmable + On-board Dim	 Casambi Bluetooth







Colour (housing)







	White		Silver
	Black		10,000 colours *











131mm

12W/1650lm	8W/1100lm (Narrow spot)
19W/2460lm	13W/1640lm (Narrow spot)


	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

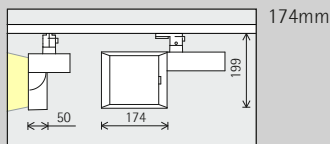
Spotlights	Floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Lens wallwashers	
 Wallwash	

 Switchable	 DALI
 Phase dimmable + On-board Dim	 Casambi Bluetooth

	White		Silver
	Black		10,000 colours *

Accessories

	Lenses
	Snoots



24W/3300lm	18W/2475lm (Narrow spot)
38W/4920lm	28W/3690lm (Narrow spot)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		Silver
	Black		10,000 colours *

30W/1900lm
------------

	RGBW
--	------

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

	DALI
--	------

	White		Silver
	Black		10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/012238](http://www.erco.com/012238)

Design and application:  
[www.erco.com/opton](http://www.erco.com/opton)











## Logotec – The multi tool for lighting design

### **Compact luminaires for economic accent lighting, flood-lighting and wallwashing in salesrooms**

Brightness contrasts direct the view of the customer in the shop and highlight the appeal of the products on offer. This is the domain of Logotec. System design is on a par with energy efficiency. Mounted flexibly on track, this spotlight efficiently accentuates clothing, jewellery or foodstuffs. Thanks to interchangeable lenses, it even masters alternative tasks just as comfortably – the floodlighting

of large objects or the uniform illumination of walls or shelving. As a characteristic aspect, the Logotec features a flat design thanks to highly efficient LED photometrics.



#### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Bracket on adapter rotatable through 360°
- Front cover: polymer, black

#### 4 Control gear

- Switchable, phase dimmable+On-board Dim or DALI dimmable
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

#### 5 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/logotec](http://www.erco.com/logotec)



#### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

#### Special characteristics



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable +  
On-board Dim

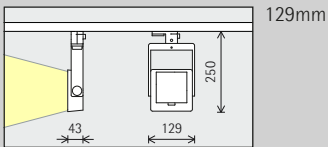


DALI dimmable



Logotec for track 220-240V

Construction size



LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	4W/550lm (Narrow spot)
------------	------------------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

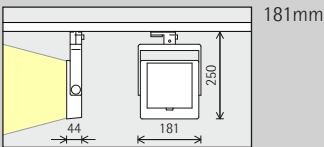
Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

Control

	Switchable
	Phase dimmable + On-board Dim
	DALI

Colour (housing)

	White		Silver
	Black		10,000 colours *



24W/3300lm	12W/1650lm (Narrow spot)
------------	--------------------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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

	Switchable
	Phase dimmable + On-board Dim
	DALI

	White		Silver
	Black		10,000 colours *

Accessories

	Lenses
	Snoots



Starbucks Coffee House, Berlin.  
Architecture: Starbucks Construction Dept. Hanko Geissler. Photography: Edgar Zippel, Berlin.

\* available on request

Article numbers and planning data:  
[www.erco.com/013498](http://www.erco.com/013498)

Design and application:  
[www.erco.com/logotec](http://www.erco.com/logotec)







## Cantax – Plain and simple

### **Cantax is the ideal tool for the illumination of shops, restaurants and art**

Cantax produces the perfect beam – brilliant, evenly bright and with a soft edge. The technology originates from ERCO: innovative Spherolit technology, which is easily exchanged for different applications, making Cantax the ideal tool to meet the highest lighting standards in areas ranging from residential buildings and shops through to restaurants and art. The LED spotlights are just as suitable for exhibitions requiring light without damaging infrared or

ultraviolet components to satisfy stringent conservational criteria.

### **Related ranges**



**Cantax**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 294





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- 0°-90° tilt
- Bracket on transadapter rotatable through 360°
- Internal wiring
- Frame: polymer

### 4 Control gear

- Switchable, phase dimmable+On-board Dim or DALI dimmable
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 5 ERCO transadapter or ERCO DALI transadapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/cantax](http://www.erco.com/cantax)



## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

## Special characteristics



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotal through 90°



Accessory for maximum visual comfort



Switchable



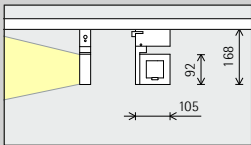
Phase dimmable +  
On-board Dim



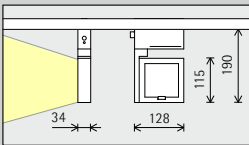
DALI dimmable

Cantax for track 220-240V

Construction size



105mm



128mm

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)

12W/1650lm	8W/1100lm (Narrow spot)
19W/2460lm	13W/1640lm (Narrow spot)

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

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

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

Control

	Switchable
	Phase dimmable + On-board Dim
	DALI

	Switchable
	Phase dimmable + On-board Dim
	DALI

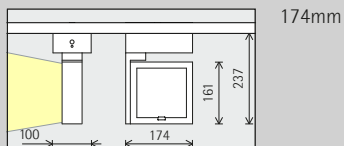
Colour (housing)

	White		Silver
	Black		10,000 colours *







	White		Silver
	Black		10,000 colours *








Accessories




	Lenses
	Snoots







24W/3300lm	18W/2475lm (Narrow spot)
38W/4920lm	28W/3690lm (Narrow spot)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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

	Switchable
	Phase dimmable + On-board Dim
	DALI

	White		Silver
	Black		10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/011130](http://www.erco.com/011130)

Design and application:  
[www.erco.com/cantax](http://www.erco.com/cantax)











## Pantrac – Lighting effects for walls

### **Simple and efficient wallwashing for museums and business premises**

Pantrac exceeds the demands of the ultimate challenge in lighting design: perfect wallwashing. The system is designed to achieve superb uniform illumination of walls, product shelving or exhibits with total visual comfort. Innovative photometrics optimise its efficiency and, as a result, reduce the number of luminaires required, as these can be spaced further apart.

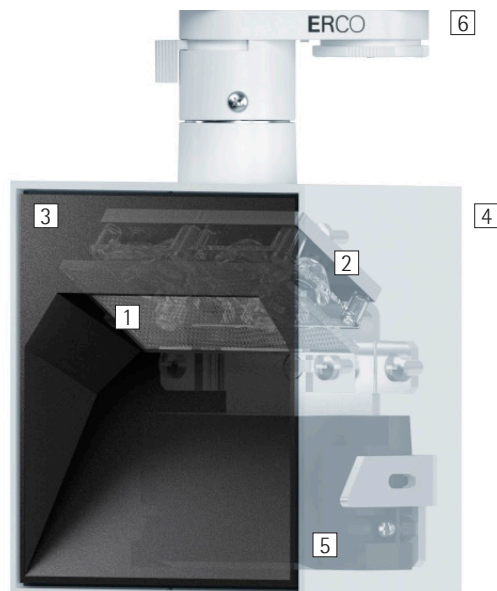
With its archetypal cubic design, the luminaire integrates as effort-

lessly with modern rooms as with historic architecture. A very wide dimming control range of 1% to 100% supports aesthetic and conservation aspects of artwork protection and gallery appearance.

### Related ranges



**Pantrac**  
Wall-mounted  
luminaires  
Page 518



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distribution: wallwash

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Front cover

- Polymer, black lacquered

### 4 Housing

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- Rotatable through 360° on adapter

### 5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 6 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/pantrac](http://www.erco.com/pantrac)

## Pantrac for track 220-240V



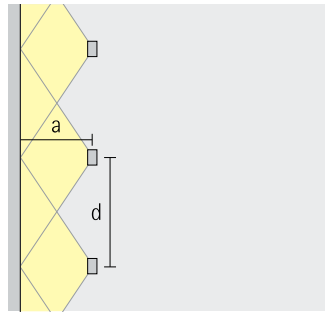
### Simple installation

Pantrac creates perfect light for wallwashing without additional pivoting.



### Outstanding uniformity

Pantrac provides uniform vertical lighting to perfection - whether in prestigious entrance areas, in offices or in museums.



### Large luminaire spacing

The high-efficiency Pantrac lighting technology enables luminaire spacing of up to one and a half times the distance to the wall.

### Special characteristics



Outstanding uniformity



Easy installation



Wide luminaire spacing with wallwashing



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Switchable



Phase dimmable + On-board Dim



DALI dimmable

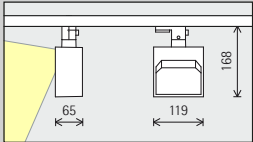


Casambi Bluetooth



Pantrac for track 220-240V

Construction size 119mm



LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm
------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

	Lens wallwashers
	Wallwash

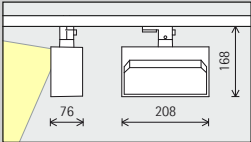
Control

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

Colour (housing)

	White		Silver
	Black		10,000 colours *

208mm



24W/3300lm
------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	Lens wallwashers
	Wallwash

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

	White		Silver
	Black		10,000 colours *



IKEA Museum,  
Älmhult. Light-  
ing design: DHA  
Design London.  
Mechanical engi-  
neering: GMKI  
Elkonsult AB  
Malmö. Instal-  
lation: ELUB AB  
Växjö. Photogra-  
phy: Johan Elm,  
Stockholm.

\* available on request

Article numbers and planning data:  
[www.erco.com/14683](http://www.erco.com/14683)

Design and application:  
[www.erco.com/pantrac](http://www.erco.com/pantrac)









## Skim – Downlights as flexible as spotlights

### **Economy, efficiency and visual comfort for today's dynamic worlds of work**

Skim luminaires for track not only have an unusual design with their double lens optic in a flat diecast aluminium housing, but simultaneously define a specific category of lighting tools: they unite the flexibility of spotlights for track with the visual comfort, efficiency and simplicity of downlights. As a consequence, they are ideal for contemporary worlds of work that are constantly being reorganised. The arrangement and alignment of Skim luminaires on track can be

adapted at any time to modified office layouts. Their lighting technology is based on the eponymous recessed and surface-mounted luminaires with which they can be ideally combined. Various wattages, light distributions and dimming options provide lighting designers with many possibilities for nuanced design in offices, retail projects and public buildings.

### **Related ranges**

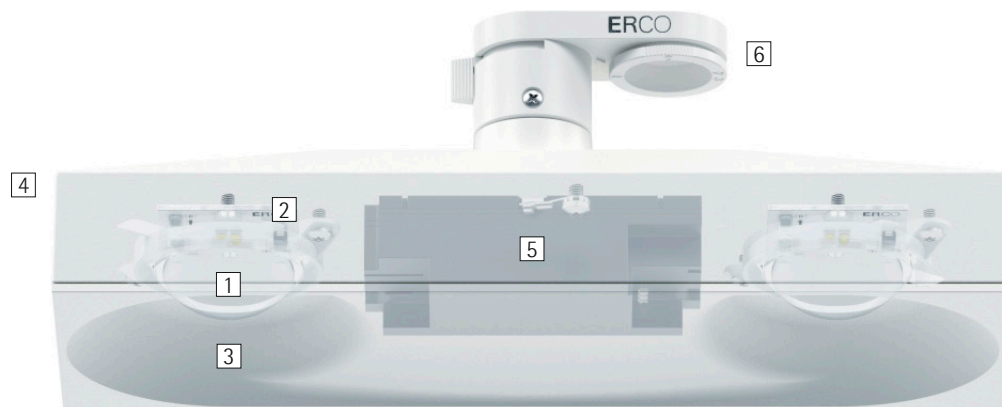


**Skim**  
Recessed luminaires  
Page 360



**Skim**  
Surface-mounted luminaires  
Page 428





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood
- Oval flood 90° rotation

### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

### 3 Anti-glare cone

- White (RAL9002), black or silver
- Optical cut-off 30°
- Polymer

### 4 Housing

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- Rotatable through 360° on adapter

### 5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 6 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/skim-t](http://www.erco.com/skim-t)



## Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



## Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

## Special characteristics

UGR	For office workstation lighting from UGR 12.3
	Oval flood, freely rotatable
	Small luminaire dimensions

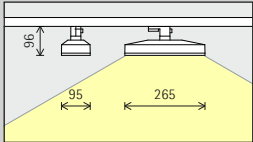
	ERCO high-power LEDs
	Efficient lens system
	Optical cut-off 30°
	Different light colours

	Excellent thermal management
	EMC-optimised
	Various housing colours
	Easy installation

	Switchable
	Phase dimmable + On-board Dim
	DALI dimmable
	Casambi Bluetooth

Skim for track 220-240V

Construction size









265mm




LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm
17W/2160lm
19W/2460lm





Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light  
distribution

Downlights	Downlights oval flood
 Wide flood	 Oval flood
 Extra wide flood	

Control

	Switchable		DALI
	Phase dimmable + On-board Dim		Casambi Bluetooth

Colour (housing)

	White		Silver
	Black		10,000 colours *



\* available on request

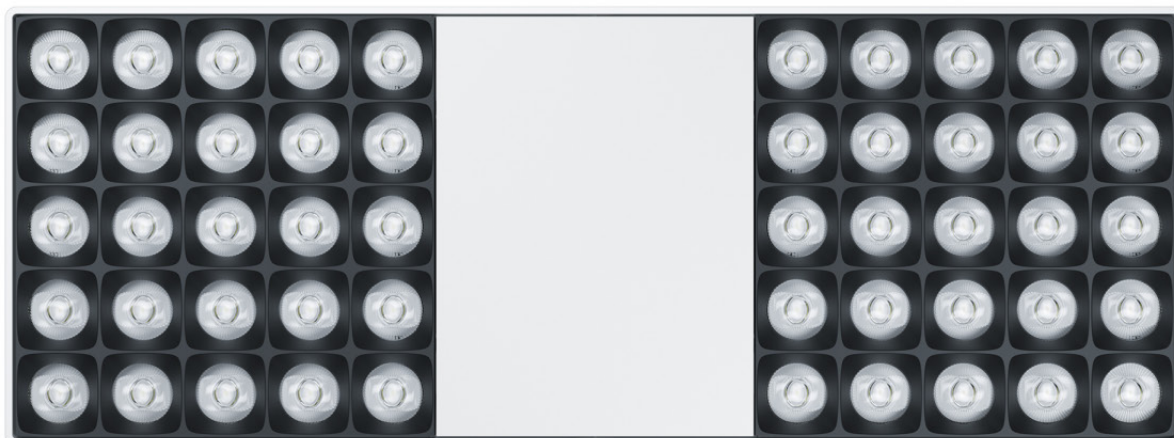
Article numbers and planning data:  
[www.erco.com/016730](http://www.erco.com/016730)

Design and application:  
[www.erco.com/skim-t](http://www.erco.com/skim-t)









## Jilly – The versatile light for modern work

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

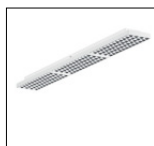
In keeping with modern, dynamic working environments in which office layouts are constantly changing and adapting, Jilly luminaires for track achieve the efficient and standard-compliant lighting of workplaces. The especially flat housing and a striking anti-dazzle louvre characterise the elegant appearance. 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 by mounting on track – always meeting the requirements of the architecture and the arrangement of the workstations.

### Related ranges



**Jilly linear**  
Recessed luminaires  
Page 386



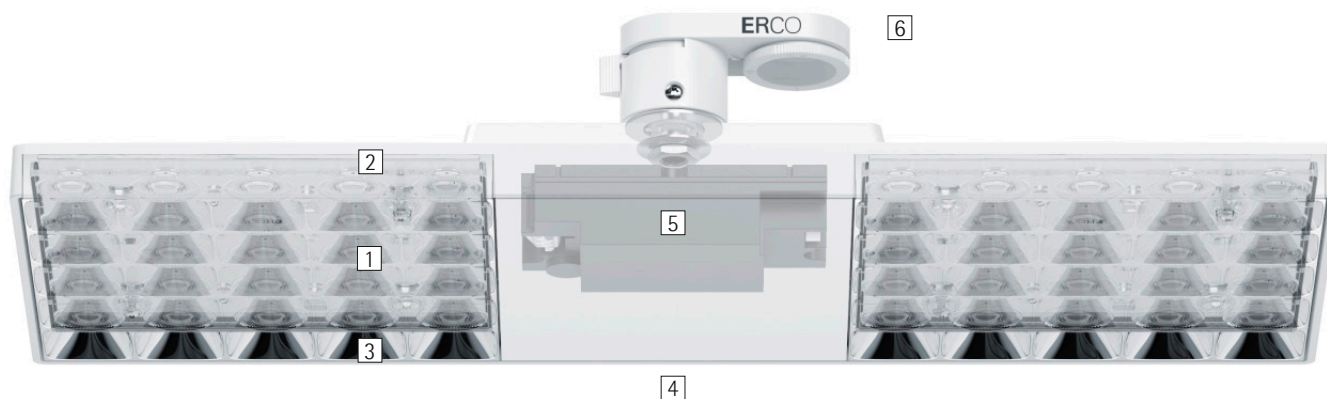
**Jilly linear**  
Surface-mounted luminaires  
Page 440



**Jilly linear**  
Pendant luminaires  
Page 484



**Jilly square**  
Recessed luminaires  
Page 380



#### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

#### 2 ERCO LED-module

- Mid-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

#### 4 Housing

- White (RAL9002), black or silver
- Polymer, coated
- Rotatable through 360° on adapter

#### 5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

#### 6 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Mid-power LEDs: 2700K, 3000K, 3500K or 4000K with CRI 92
  - Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-t](http://www.erco.com/jilly-t)

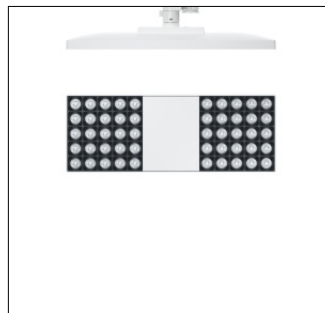




**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

















**Louvres for efficient visual comfort**  
A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



**Small luminaire dimensions**  
Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

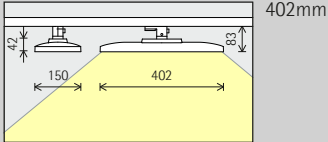
## Special characteristics

	Improved visual comfort		ERCO mid-power LEDs		Excellent thermal management		Switchable
	For office workstation lighting from UGR 13.1		Efficient lens system		EMC-optimised		Phase dimmable + On-board Dim
	Small luminaire dimensions		Different light colours		Various housing colours		DALI dimmable
					Easy installation		Casambi Bluetooth



Jilly for track 220-240V







Construction size





LED module  
Maximum value  
at 4000K CRI 82

15W/2700lm
------------





Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

Light  
distribution

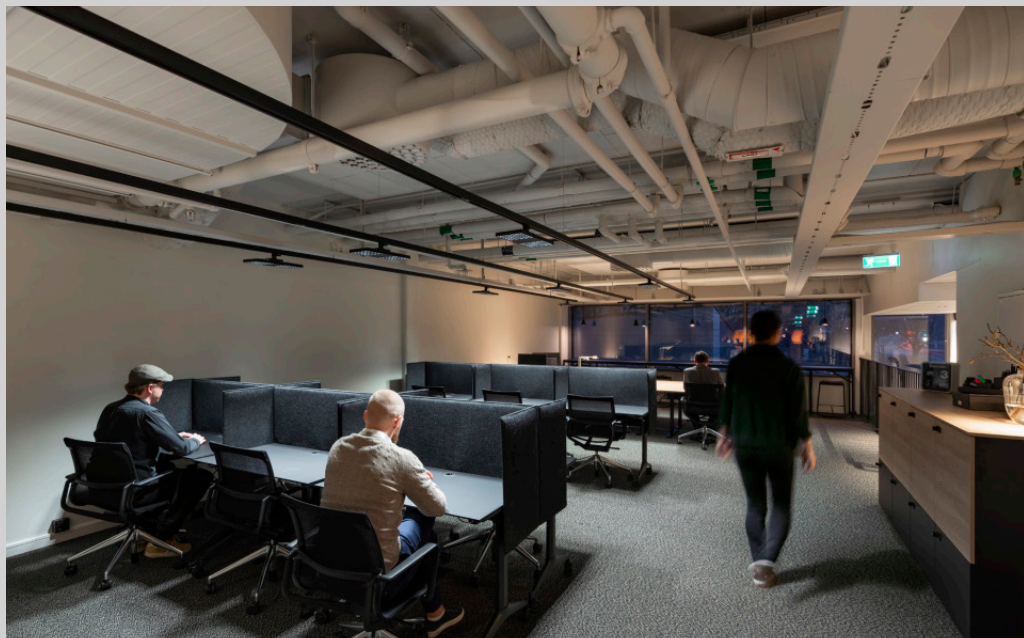
Downlights	Downlights oval wide flood
 Extra wide flood	 Oval wide flood

Control

 Switchable	 DALI
 Phase dimmable + On-board Dim	 Casambi Bluetooth

Colour  
(housing/louvre)

	White/Silver		White/Black		10,000 colours */ Silver
	Black/Silver		Black/Black		10,000 colours */ Black
	Silver/Silver		Silver/Black		



Fabege AB - WAW  
Arena Staden,  
Stockholm. Archi-  
tecture: ABREU  
Design Studio;  
EgnellAllard Inred-  
ningsarkitek-  
tur, Stockholm.  
Lighting design:  
ABREU Design  
Studio. Electri-  
cal engineering:  
Stockholms Elt-  
jänst Lundén AB;  
Elbolaget LMJ AB;  
Lundek Elkonsult  
AB; Elarkitektur  
AB. Photography:  
Gavriil Papadiotis,  
London.

\* available on request

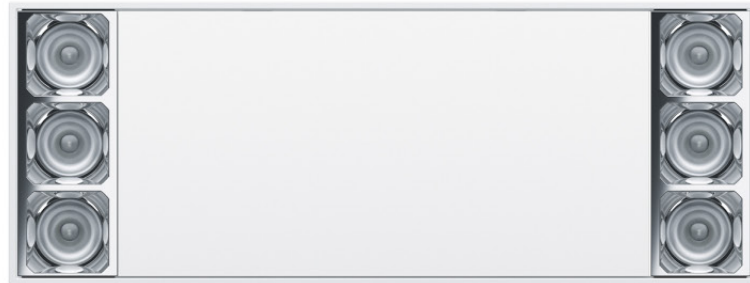
Article numbers and planning data:  
[www.ercos.com/017657](http://www.ercos.com/017657)

Design and application:  
[www.ercos.com/jilly-t](http://www.ercos.com/jilly-t)









## Compar – The flexible path to perfect light

### 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 optimally 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.

### Related ranges



**Compar linear**  
Recessed luminaires  
Page 392



**Compar square**  
Surface-mounted luminaires  
Page 446



**Compar linear**  
Surface-mounted luminaires  
Page 452



**Compar linear**  
Pendant luminaires  
Page 490





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood, oval wide flood or oval flood

or

### Reflector (lens wallwasher)

- Polymer, silver vaporised, mirror-finish
- Softec lens

### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish
- Downlight: cut-off angle 30°
- Wallwasher: cut-off angle 70°

### 4 Housing

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- Rotatable through 360° on adapter

### 5 Control gear

- Switchable, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 6 ERCO 3-circuit adapter or ERCO DALI adapter

#### Variants on request

- Anti-dazzle louvre: coated matt gold, matt silver or matt champagne
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compar-t](http://www.erco.com/compar-t)

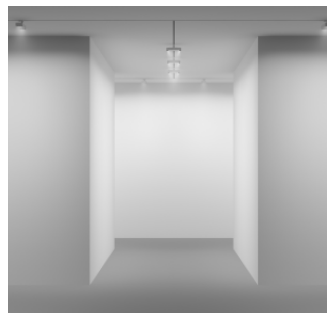


**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



### Double wallwasher

The special light distribution of the double wallwashers efficiently illuminates the opposite walls of corridors. The diffuse, reflected light from the walls also illuminates the floor and ceiling.



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

### Special characteristics



Excellent visual comfort



For office workstation lighting from UGR 7.1



Double wallwasher



Small luminaire dimensions



ERCO high-power LEDs



Efficient lens system



Cut-off 30°/70°



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Easy installation



Switchable



Phase dimmable + On-board Dim



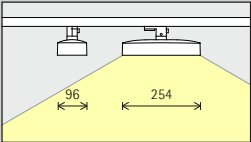
DALI dimmable



Casambi Bluetooth

Compar for track 220-240V

Construction size









254mm






LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm
19W/2460lm




Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Downlights	Downlights oval flood
 Wide flood	 Oval flood
 Extra wide flood	Double wallwashers
Downlights oval wide flood	 Double wallwash
 Oval wide flood	

Control

 Switchable	 DALI
 Phase dimmable + On-board Dim	 Casambi Bluetooth

Colour  
(housing/louvre)

	White/Silver		White/Black		10,000 colours */ Silver
	Black/Silver		Black/Black		10,000 colours */ Black
	Silver/Silver		Silver/Black		



\* available on request

Article numbers and planning data:  
[www.erco.com/017602](http://www.erco.com/017602)

Design and application:  
[www.erco.com/compar-t](http://www.erco.com/compar-t)







## Integrated. Accentuating. Recessed spotlights, floodlights and wallwashers

Recessed spotlights combine the flexibility of spotlights with the discreet appearance of recessed luminaires. Their domain is accent lighting. Swivel mechanisms allow the luminaires to be aligned with objects or vertical surfaces. Recessed spotlights are inconspicuous architectural details and can be ideally combined with downlights.



Overview of all ranges: from page 248

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



## Arousing desire

- High brilliance for displays of merchandise in shops
- Interchangeable lenses for different sized and seasonal products
- Up to CRI 97 for the perfect rendering of colours

Products used:

**Gimbal** (above) p. 268

**Gimbal Basic** (left) page 274



## Elegant lines

- Flush ceiling view due to compact luminaires for ceiling channels
- Configurable ceiling channel system available
- Pivots up to 40° and rotates through 360° for precise and flexible alignment

Products used:

**Gimbal Basic with mounting bracket** page 286





### Light for high walls

- Prestigious reception due to uniform wallwashing
- Harmonious ceiling view due to inconspicuous recessed wallwashers
- Wide luminaire spacing reduces project costs

Products used:  
Gimbal page 268

### Light and shadows

- Strong accents with narrow light beams create private zones
- Visible luminaire details in the colour of your choice
- 2700K light colour for a cosy atmosphere

Products used:  
Starpoint page 262

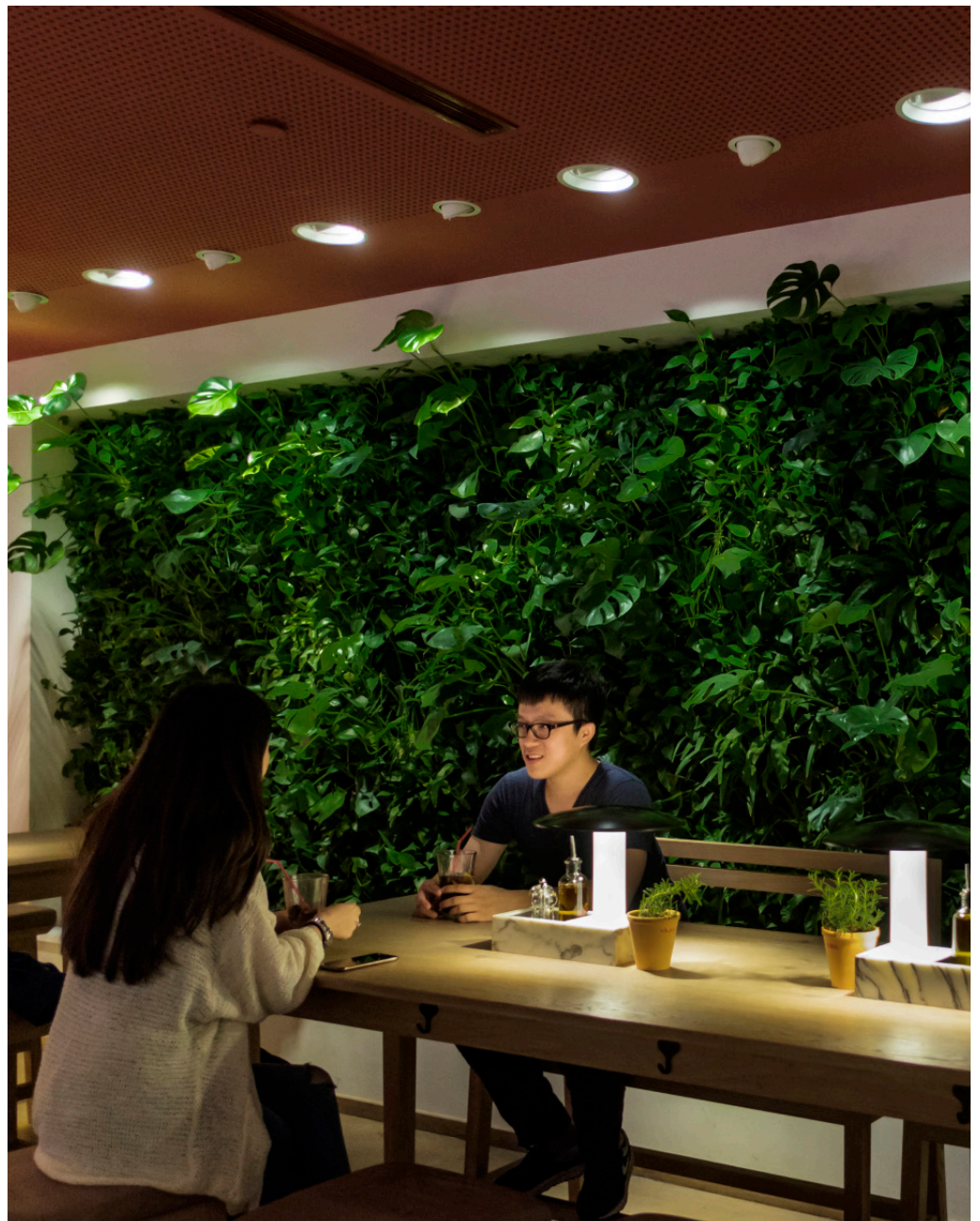




#### Strong accents for long distances

- High illuminances on the exhibits with minimal power consumption
- Narrow light beams allow high distances
- Pan-and-tilt for perfect alignment onto the artworks

Products used:  
Cantax page 292



#### Staging the background

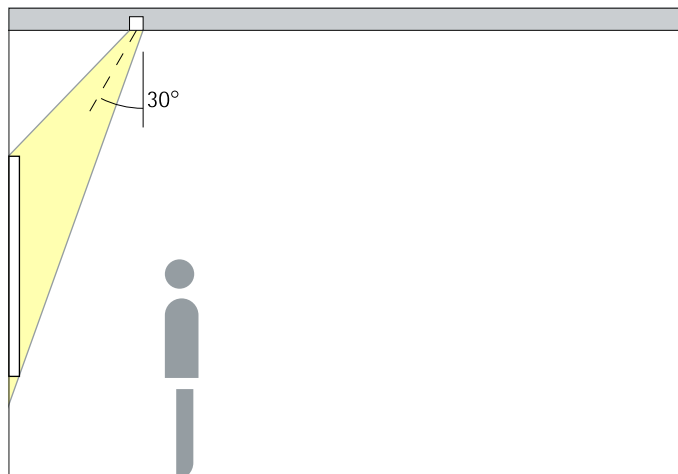
- Decorative wall surfaces in hotels and restaurants emphasise branding
- Bright, friendly surroundings due to emphasis of vertical lighting
- Attractive play of light and shadow on the leaves

Products used:  
Quintessence page 250



## These lighting tools solve your lighting tasks

You'd like flexible museum lighting that integrates into your ceiling?



**Quintessence round**  
page 250



**Quintessence square**  
page 256



**Light Board**  
page 298



**Cantax**  
page 292



**Gimbal**  
page 268

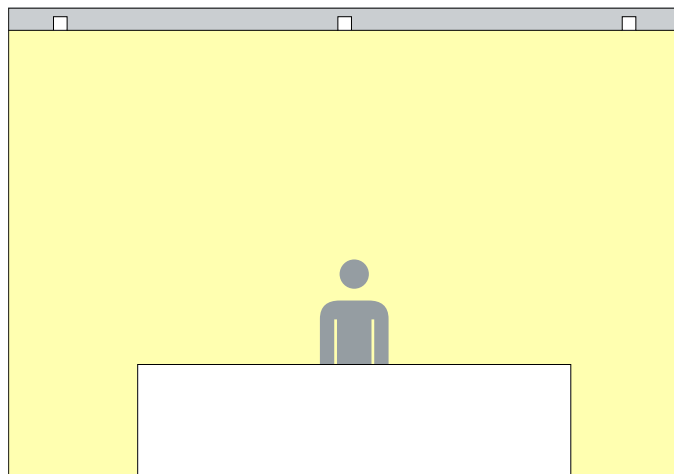


**Light Board**  
page 298



**Cantax**  
page 292

You'd like to welcome visitors to your foyer in an appealing way?



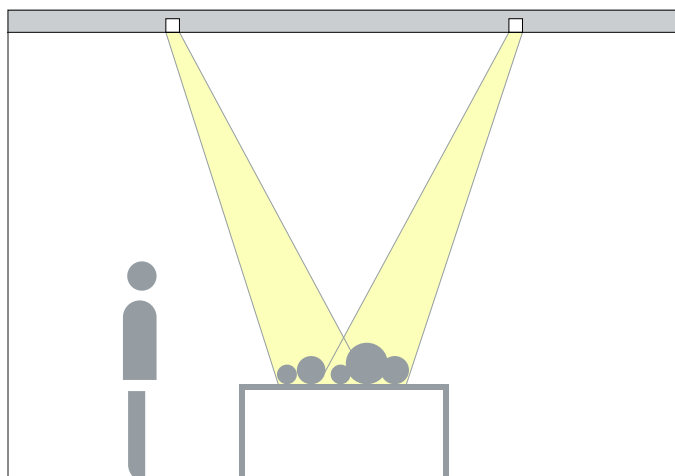
### Spotlight light distributions for recessed luminaires

- ✓ From accentuation to flooding to wallwashing
- ✓ Low damage factor
- ✓ Precisely adjustable

### Recessed wallwashers for excellent vertical illumination

- ✓ High brightness impression and wide spatial perception convey an open gesture
- ✓ Large luminaire spacing
- ✓ Optimal alignment of the luminaire

**You're looking for economical lighting for your shop?**



**Gimbal Basic**  
page 274

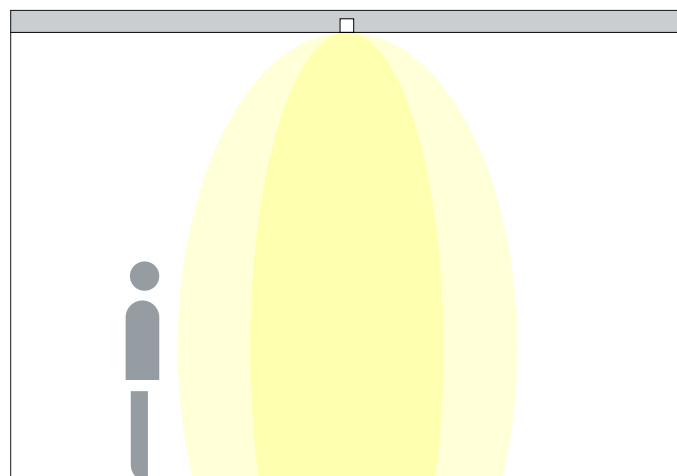


**Gimbal Basic  
with mounting  
bracket**  
page 286



**Starpoint**  
page 262

**You'd like to modify the room atmosphere without having to replace luminaires?**



**Starpoint**  
page 262



**Cantax**  
page 292



**Light Board**  
page 298



**Gimbal**  
page 268

### **Retail luminaires with the right light spectrum for merchandise**

- ✓ Always the right spectrum for highly diverse merchandise
- ✓ Flexible lighting concepts due to interchangeable light distributions
- ✓ Very good price performance ratio

### **Luminaires with interchangeable lenses for variable lighting concepts**

- ✓ Diverse light distributions for various applications
- ✓ Exchangeable without tools
- ✓ Ideal for museums, shops, restaurants and hotels

# This distinguishes our recessed spotlights, floodlights and wallwashers



## Round or square

The system design of ERCO recessed luminaires offers almost any light distribution – thanks to lens technology that's independent of the luminaire geometry.



## Predestined for ceiling channels

Thanks to their compact design and central pivot point, some luminaires are ideal for on-site ceiling channels and for the ERCO ceiling channel system.



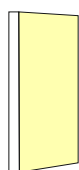
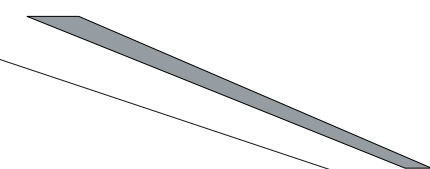
## Pan. Tilt. Rotate.

You'd like to precisely align your light beams? Recessed spotlights with cardanic suspension can be panned and tilted with precision.



## Powerful light

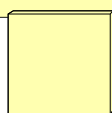
Our optics project light without spill light for maximum illuminances on the target surface. The appearance ranges from individual LED dots to a homogeneously illuminated surface.



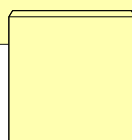
narrow spot  
< 10°



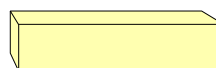
spot  
10°–20°



flood  
25°–35°



wide flood  
> 45°



extra wide flood  
> 80°

wallwash

oval flood  
approx. 20°x 60°

## Change the light distribution yourself

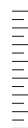
Whatever you wish to illuminate, with ERCO you'll find the right light distribution. If the interior changes you can simply replace the light distribution – from accent lighting to wallwashing.





## Maximising visual comfort with accessories

Recessed spotlights from ERCO feature outstanding visual comfort. Snoots, hexagonal baffles and cross baffles are the right choice if in individual situations you wish to further reduce views into the luminaires.



## From small to large

Find the right size and lumen package for any light effect and room height – from boutiques to museum foyers.

## Space-saving in the ceiling

In tight installation situations every millimetre is critical. Just 70mm is sufficient for especially flat recessed luminaires.



## Staging with colour

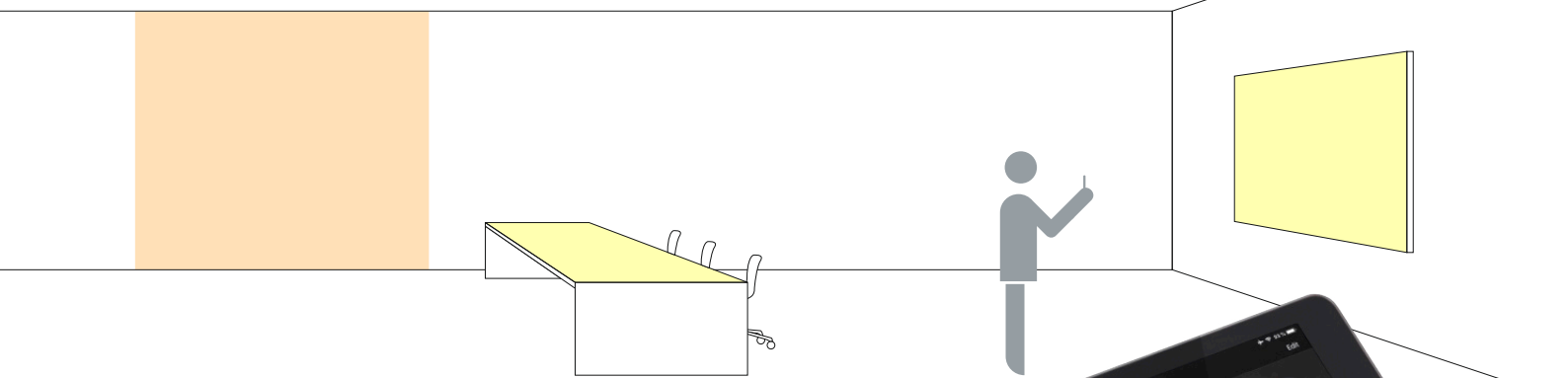
Like to set coloured accents? RGBW luminaires enable scenographic lighting concepts with pastel colour tones and saturated colours.

## Perfectly integrated

With recessed ceiling cassette, the pivoted luminaire head does not protrude beyond the lower edge of the ceiling – perfectly integrated for a simple ceiling appearance.

## Light for art and art appreciation

LEDs with excellent quality of light show your art in optimal colours. The light of our luminaires with in-house developed control gear is flicker-free, also through the lens of your camera.



## Connectivity

Wireless or wired? With technologies such as Casambi Bluetooth and DALI we always offer you the right interface.





Recessed spotlights, recessed floodlights and recessed lens wallwashers



**Quintessence round** 250

Pivotable through 40°

Five light distributions

Available with recessed luminaire head

Shop, Culture



**Quintessence square** 256

Pivotable through 40°

Five light distributions

Available with recessed luminaire head

Shop, Culture



**Starpoint** 262

Pivotable through 30°

Six light distributions

Small luminaire dimensions

Shop, Hospitality



**Gimbal** 268

Pivotable through 40°

Seven light distributions

Gimbal suspension

Shop, Community, Culture



**Gimbal Basic** 274

Pivotable through 40°

Very good price-performance ratio

Gimbal suspension

Shop



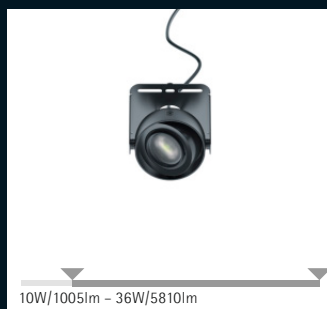
**Gimbal with mounting bracket** 280

Pivotable through 60°

Seven light distributions

Gimbal suspension

Shop, Community, Culture



**Gimbal Basic with mounting bracket** 286

Pivotable through 60°

Very good price-performance ratio

Gimbal suspension

Shop



**Cantax** 292

Pivotable through 90°

Seven light distributions

Very low recess depth

Shop



**Light Board** 298

Pivotable through 90°

RGBW available

Community, Culture

Ceiling channel system



Ceiling channel system 304

Individual dimensions possible

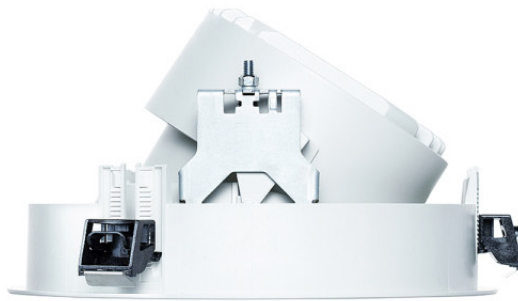
Ideal for recessed spotlights

Insertion plates for luminaires available

[Shop](#)







## Quintessence round – Elegant accentuation and floodlighting

### Round recessed spotlights and recessed floodlights for prestigious areas, exhibitions and salesrooms

The Quintessence round recessed spotlights help you expertly accentuate individual areas or objects. The recessed floodlights, meanwhile, direct the attention of the observer onto your shelves and product tables. The luminaires integrate elegantly with the room architecture, their large swivel range enables you to reach even far corners of the room. The Quintessence system design facilitates a flexible lighting

concept as a unified whole. Combine spotlights and floodlights with each other or with the Quintessence downlights. Select the appropriate mounting details and lamps. Whatever your choice, the result is always a highly efficient lighting system meeting the highest standards of light quality.

### Related ranges



**Quintessence square**  
Recessed spotlights, recessed floodlights  
Page 258



**Quintessence round**  
Recessed luminaires  
Page 318

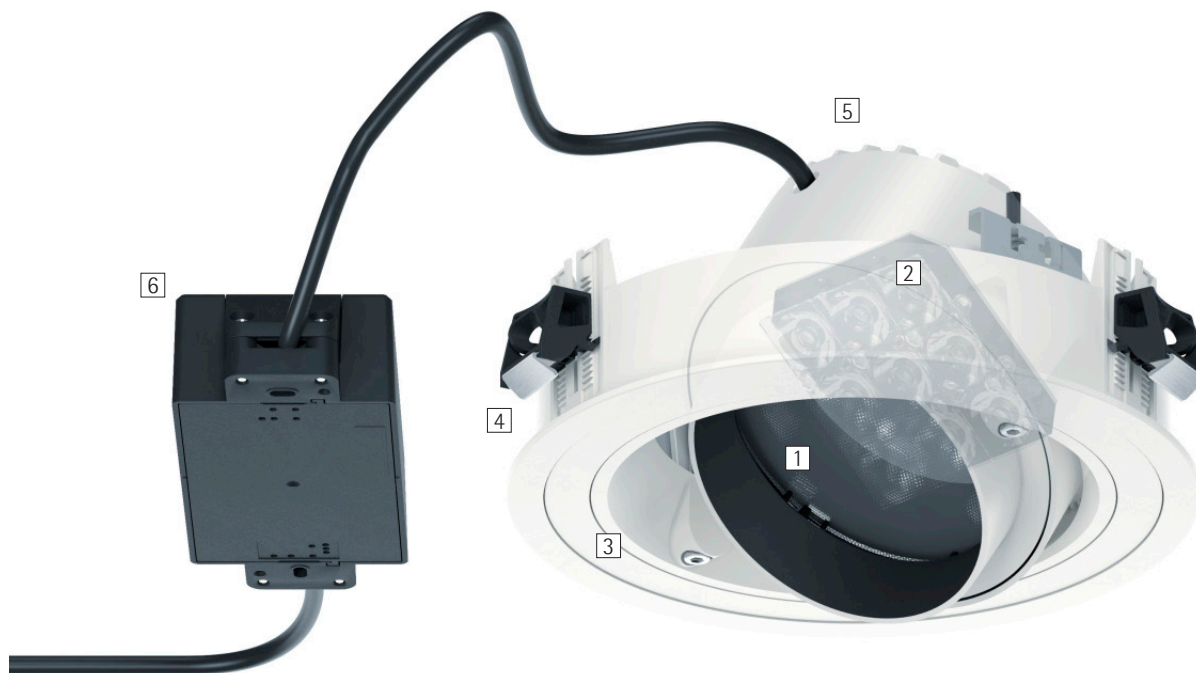


**Quintessence round**  
Surface-mounted luminaires  
Page 410



**Quintessence round**  
Pendant luminaires  
Page 466





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood or oval flood
- Oval flood 360° rotation

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Flush or regressed cassette

- Polymer, white

#### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm (size 4) or 1-30mm (size 7)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 5 Housing

- Cast aluminium
- 0°-40° tilt, 360° rotation
- Lockable angles of tilt and rotation
- Anti-glare ring: polymer or cast aluminium, internal black lacquered, external white

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

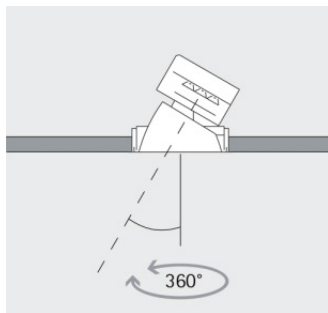
#### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Cassette and mounting ring: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-round-r](http://www.erco.com/quintessence-round-r)

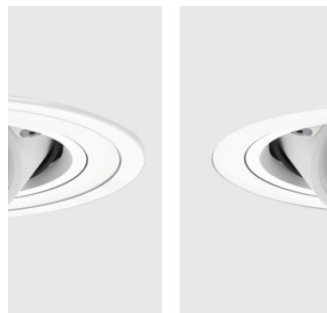
## Quintessence round Recessed spotlights, recessed floodlights



**Pivotable through 40°**  
The luminaires can be adjusted precisely for optimum beam alignment. The light is thus emitted to precisely where it is required.



**Oval flood freely rotatable**  
The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



**Covered or flush mounting detail**  
As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.



**Shallow recess depth**  
In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Oval flood, freely rotatable



Pivotable through 40°



Flush or covered mounting detail



Shallow recess depth



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Lockable



Tool-free mounting



Switchable



Phase dimmable



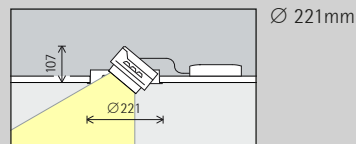
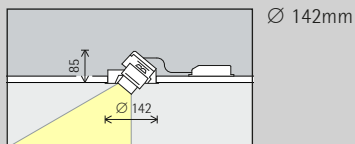
DALI dimmable



Casambi Bluetooth

## Quintessence round Recessed spotlights, recessed floodlights

### Construction size



### LED module

Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

18W/2475lm	8W/1100lm (Narrow spot)
------------	-------------------------

### Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

### Light distribution

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Oval flood
Flood	

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Oval flood
Flood	

### Control

Switchable	DALI
Phase dimmable	Casambi Bluetooth

Switchable	DALI
Phase dimmable	Casambi Bluetooth

### Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *

### Accessories

	Concrete mounting enclosure		Compensation set
	Mounting ring		Cover ring
	Spacer plate		
	Mounting plate for panelled ceilings		



Ekonomikum at the University of Uppsala, Uppsala. Architecture: Sweco Architects, Jonas Kjellander, Stockholm. Photography: Johan Elm, Stockholm.

\* available on request

Article numbers and planning data:  
[www.ercos.com/013960](http://www.ercos.com/013960)

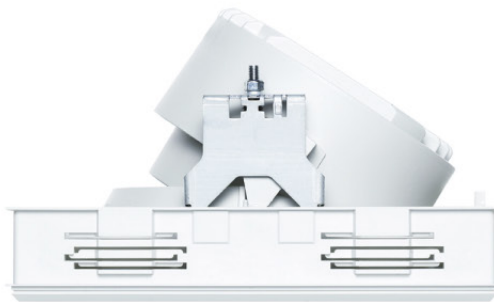
Design and application:  
[www.ercos.com/quintessence-round-r](http://www.ercos.com/quintessence-round-r)











## Quintessence square – Elegant accentuation and floodlighting

### Square recessed spotlights and recessed floodlights for prestigious areas, exhibitions and salesrooms

The Quintessence square recessed spotlights accentuate individual areas or objects. The recessed floodlights, meanwhile, direct the attention of the observer onto shelves and product displays. Designed with linear forms in mind, the luminaires integrate perfectly with the room's architecture, and the versatile positioning options enable penetration into the furthest corners of a space.

The Quintessence system design facilitates a flexible lighting concept as a unified whole. Combine spotlights and floodlights with each other or with the Quintessence downlights. Select the appropriate mounting details and lamps. Whatever your choice, the result is always a highly efficient lighting system meeting the highest standards of light quality.

### Related ranges



**Quintessence round**  
Recessed spotlights, recessed floodlights  
Page 252



**Quintessence square**  
Recessed luminaires  
Page 326

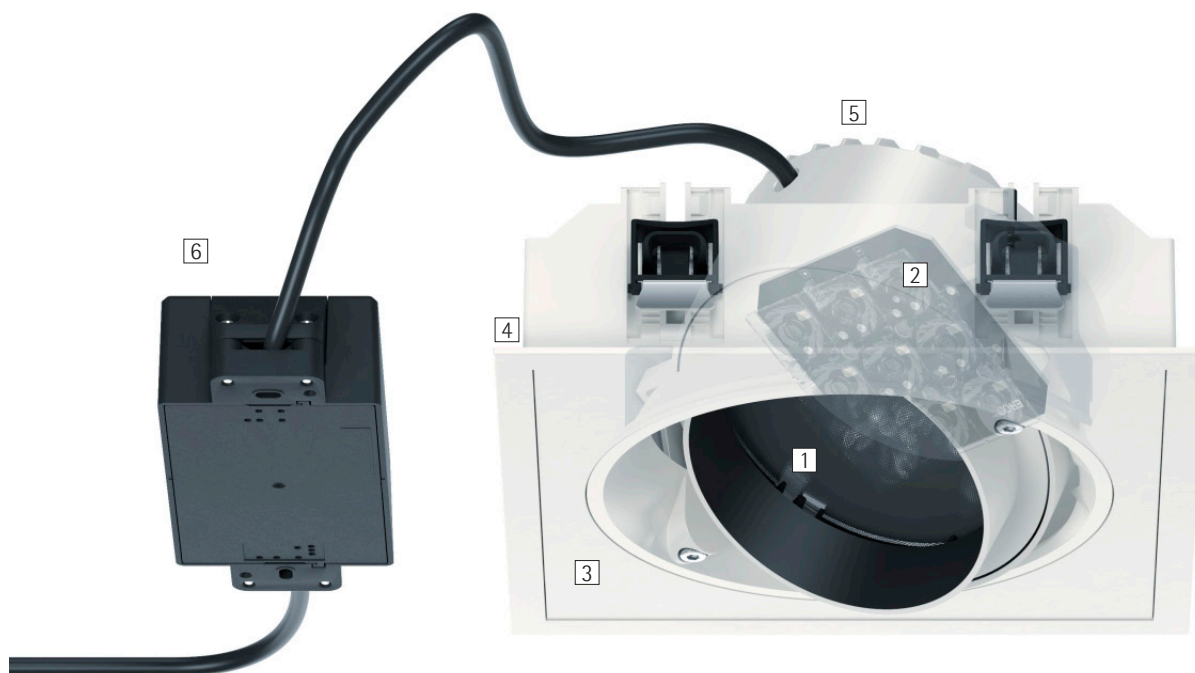


**Quintessence round**  
Surface-mounted luminaires  
Page 410



**Quintessence round**  
Pendant luminaires  
Page 466

## Quintessence square Recessed spotlights, recessed floodlights



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood or oval flood
- Oval flood 360° rotation

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Flush or regressed cassette

- Polymer, white

#### 4 Mounting frame

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 5 Housing

- Cast aluminium
- Pivotal through 0°-30° or 0°-40°, rotatable through 360°
- Lockable angles of tilt and rotation
- Anti-glare ring: polymer or cast aluminium, internal black lacquered, external white

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

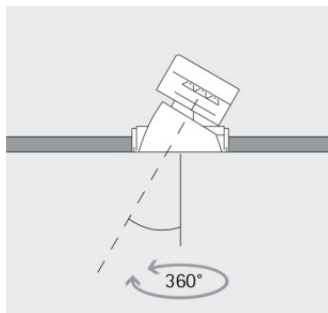
#### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Cassette and mounting frame: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-square-r](http://www.erco.com/quintessence-square-r)

## Quintessence square Recessed spotlights, recessed floodlights



**Pivotable through 40°**  
The luminaires can be adjusted precisely for optimum beam alignment. The light is thus emitted to precisely where it is required.



**Oval flood freely rotatable**  
The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



**Covered or flush mounting detail**  
As standard, all recessed luminaires have overlapping installation details. Flush mounting frames are available as accessories.



**Shallow recess depth**  
In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Oval flood, freely rotatable



Pivotable through 40°



Flush or covered mounting detail



Shallow recess depth



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Lockable



Tool-free mounting



Switchable



Phase dimmable



DALI dimmable

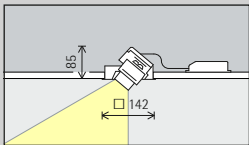


Casambi Bluetooth

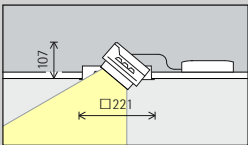


Quintessence square Recessed spotlights, recessed floodlights

Construction size



142mm



221mm

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

18W/2475lm	8W/1100lm (Narrow spot)
------------	-------------------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution

Recessed spotlights		Recessed floodlights	
	Narrow spot		Wide flood
	Spot		Oval flood
	Flood		

Recessed spotlights		Recessed floodlights	
	Narrow spot		Wide flood
	Spot		Oval flood
	Flood		

Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *

Accessories

	Mounting enclosure		Spacer plate
	Mounting frame		Mounting plate for panelled ceilings
	Mounting frame, 2x		Cover frame

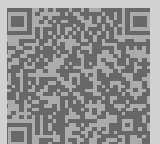


Danske Bank  
branch, Belfast.  
Architecture:  
Hughes McMi-  
chael, Belfast.  
Brand Design:  
I-AM, London.  
Photographer:  
Dirk Vogel, Dort-  
mund.

\* available on request

Article numbers and planning data:  
[www.erco.com/014525](http://www.erco.com/014525)

Design and application:  
[www.erco.com/quintessence-square-r](http://www.erco.com/quintessence-square-r)









## Starpoint – Filigree powerhouse for accent lighting and washlighting

### Recessed spotlights for sales-rooms, hotels, restaurants and homes

Behind the discreet ceiling opening of the Starpoint recessed spotlight lies a master of floodlighting and accenting. Despite its compact design, six different light distributions are available. This enables the interiors of sales areas, restaurants, hotel rooms and living rooms to be eye-catchingly presented in diverse ways. According to its various design solutions, covered and flush mounting options are available.

#### Related ranges



**Starpoint**  
Recessed luminaires  
Page 354



**Starpoint**  
Surface-mounted luminaires  
Page 422



**Starpoint**  
Pendant luminaires  
Page 478



**Starpoint**  
Wall-mounted luminaires  
Page 530





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood or oval flood
- Oval flood 360° rotation

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

### 4 Luminaire

- White (RAL9002)
- Cast aluminium
- 0°-30° tilt, 360° rotation

### 5 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

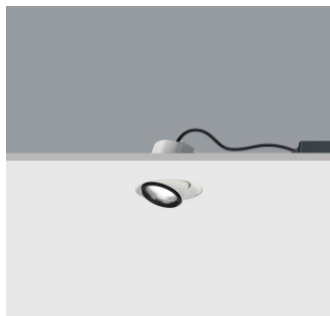
- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Housing: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/starpoint-r](http://www.erco.com/starpoint-r)

## Starpoint Recessed spotlights, recessed floodlights



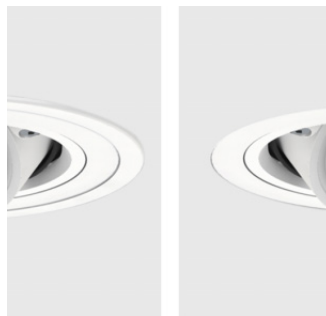
### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.



### Oval flood freely rotatable

With luminaires with round light emission, the oval flood Spherolit lens can be freely rotated to align the light optimally to various objects.



### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Oval flood, freely rotatable



Small luminaire dimensions



Flush or covered mounting detail



Shallow recess depth



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Pivotable through 30°



Tool-free mounting



Very good price performance ratio



Switchable



Phase dimmable



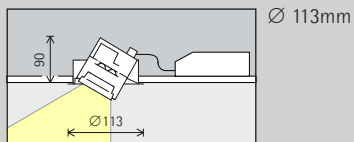
DALI dimmable



Casambi Bluetooth

# Starpoint Recessed spotlights, recessed floodlights

## Construction size









## LED module







Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

Recessed spotlights	Recessed floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood








## Control

 Switchable	 DALI
 Phase dimmable	 Casambi Bluetooth

## Colour (housing)

	White
	10,000 colours *

## Accessories

	Lenses		Mounting plate for panelled ceilings
	Concrete mounting enclosure		Compensation set
	Mounting ring		Cover ring
	Spacer plate		



Palmers Store  
huma eleven  
center, Vienna.  
Photography:  
Gustavo Allidi  
Bernasconi,  
Vienna.

\* available on request

Article numbers and planning data:  
[www.erco.com/015223](http://www.erco.com/015223)

Design and application:  
[www.erco.com/starpoint-r](http://www.erco.com/starpoint-r)







melissa®

BATA EAST



## Gimbal – Cardanically adjustable

### **Recessed spotlight with a compact high-precision swivel mechanism**

Gimbal suspension is widely prevalent in technology and is a concept that is as old as Leonardo da Vinci, who suggested its use for nautical compasses. In lighting technology, gimbals are an elegant solution for pinpoint adjustment of the luminaires. Gimbal recessed spotlights transform this principle into the era of digital lighting – with a highly precise and convenient swivel mechanism in a compact design that stands apart from conventional approaches and enables

shallow recess depths. Different sizes and wattages for the full spectrum of light distributions make Gimbal ideal as a system for differentiated lighting design with focus on the high-contrast presentation of objects. With its unique technoid appearance in the ceiling, Gimbal lends itself perfectly to retail projects as well as to museums and other public buildings.

### Related ranges



**Gimbal Basic**  
Recessed spotlights, floodlights, wallwashers  
Page 276



**Gimbal with mounting bracket**  
Recessed spotlights, floodlights, wallwashers  
Page 282



**Gimbal Basic with mounting bracket**  
Recessed spotlights, floodlights, wallwashers  
Page 288



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1–25mm (size 4) or 1–30mm (size 5–7)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5–25mm

#### 4 Luminaire

- Black
- Cast aluminium, powder-coated
- Gimbal suspension: polymer
- 0°–40° tilt

#### 5 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Housing: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/gimbal-r](http://www.erco.com/gimbal-r)

## Gimbal Recessed spotlights, floodlights, wallwashers



### Cardanic suspension

Especially with high ceilings, small swivel movements have a strong effect on the position of the light beam – cardanic suspension facilitates precise luminaire alignment in such cases.



### Oval flood freely rotatable

With luminaires with round light emission, the oval flood Spherolit lens can be freely rotated to align the light optimally to various objects.



### Covered or flush mounting detail



















As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

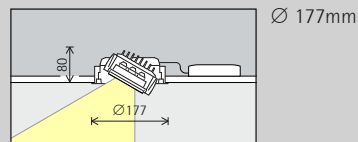
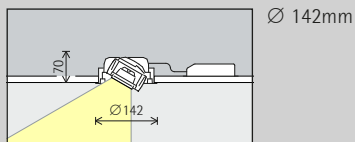
### Special characteristics

	Oval flood, freely rotatable		ERCO high-power LEDs		Excellent thermal management		Switchable
	Gimbal suspension		Efficient Spherolit technology		EMC-optimised		Phase dimmable
	Flush or covered mounting detail		Different light distributions		Various construction sizes		DALI dimmable
	Shallow recess depth		Different light colours		Pivotable through 40°		Casambi Bluetooth
					Tool-free mounting		
					Accessory for maximum visual comfort		



# Gimbal Recessed spotlights, recessed floodlights, recessed wallwashers

## Construction size



## LED module

Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)

12W/1650lm	4W/550lm (Narrow spot)
19W/2460lm	6W/820lm (Narrow spot)

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

## Control

Switchable	DALI
Phase dimmable	Casambi Bluetooth

Switchable	DALI
Phase dimmable	Casambi Bluetooth

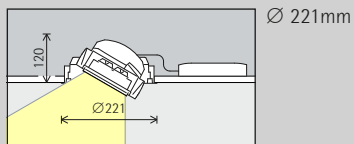
## Colour (housing)

	Black
	10,000 colours *

	Black
	10,000 colours *

## Accessories

	Lenses		Concrete mounting enclosure		Compensation set
	Snoot		Mounting ring		Cover ring
	Cross-baffle		Spacer plate		
	Honeycomb anti-glare screen		Mounting plate for panelled ceilings		



24W/3300lm	8W/1100lm (Narrow spot)
38W/4920lm	13W/1640lm (Narrow spot)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Black
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/016053](http://www.erco.com/016053)

Design and application:  
[www.erco.com/gimbal-r](http://www.erco.com/gimbal-r)







## Gimbal Basic – Cardanically adjustable

### **Recessed spotlight with a compact high-precision swivel mechanism**

Cardanic suspensions are commonly found in the world of technology – Leonardo da Vinci proposed them for a ship's compass and in the lighting technology sector they provide an elegant solution for the precise adjustment of luminaires. Gimbal Basic recessed spotlights bring this principle into the digital lighting era – with an especially precise, comfortable swivel function that is also more compact than conventional swivel mechanisms, in turn enabling lower

recess depths. Different sizes and wattages with various light distributions make Gimbal the ideal system for nuanced lighting design focusing on the high-contrast presentation of objects. With its unique technoid appearance in the ceiling, Gimbal Basic lends itself perfectly to retail projects as well as to museums and other public buildings.

### Related ranges



**Gimbal**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 270



**Gimbal with  
mounting bracket**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 282



**Gimbal Basic  
with mounting  
bracket**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 288





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: spot, flood, wide flood, oval flood or wallwash
- Oval flood 360° rotation

#### 2 ERCO LED-module

- Chip-on-board LED: warm white (2700K or 3000K), neutral white (3500K or 4000K) or Fashion (3000K)
- Collimating lens made of optical polymer

#### 3 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1–25mm (size 4) or 1–30mm (size 5–7)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5–25mm

#### 4 Luminaire

- Black
- Cast aluminium, powder-coated
- Gimbal suspension: polymer
- 0°–40° tilt

#### 5 Control gear

- Switchable or DALI dimmable

#### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Housing: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/gimbal-basic-r](http://www.erco.com/gimbal-basic-r)

## Gimbal Basic Recessed spotlights, floodlights, wallwashers



### Cardanic suspension

Especially with high ceilings, small swivel movements have a strong effect on the position of the light beam – cardanic suspension facilitates precise luminaire alignment in such cases.



### Oval flood freely rotatable

With luminaires with round light emission, the oval flood Spherolit lens can be freely rotated to align the light optimally to various objects.



### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Oval flood, freely rotatable



Gimbal suspension



Flush or covered mounting detail



Shallow recess depth



ERCO chip-on-board LED



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Pivotable through 40°



Tool-free mounting



Accessory for maximum visual comfort



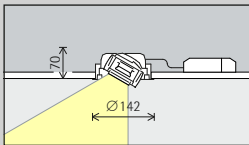
Switchable



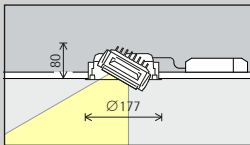
DALI dimmable

Gimbal Basic Recessed spotlights, recessed floodlights, recessed wallwashers

Construction size



Ø 142mm



Ø 177mm

LED module  
Maximum value  
at 4000K CRI 82

10W/1635lm
------------

21W/3270lm
------------

Light colour

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

Light  
distribution

Recessed spotlights	Recessed floodlights
Spot	Wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

Recessed spotlights	Recessed floodlights
Spot	Wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

Control

	Switchable
	DALI

	Switchable
	DALI

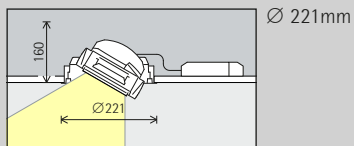
Colour (housing)

	Black
	10,000 colours *









	Black
	10,000 colours *






Accessories


	Lenses		Concrete mounting enclosure		Compensation set
	Snoot		Mounting ring		Cover ring
	Cross-baffle		Spacer plate		
	Honeycomb anti-glare screen		Mounting plate for panelled ceilings		





36W/5810lm

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

Recessed spotlights	Recessed floodlights
 Spot	 Wide flood
 Flood	 Oval flood
Recessed lens wallwashers	
 Wallwash	

	Switchable
	DALI

	Black
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/019312](http://www.erco.com/019312)

Design and application:  
[www.erco.com/gimbal-basic-r](http://www.erco.com/gimbal-basic-r)









## Gimbal with mounting bracket – The highly diverse special tool

### **Versatile lighting technology with cardanic suspension, optimised for mounting in channels**

The principle of cardanic suspension with Gimbal recessed spotlights translates into an especially precise, comfortable swivel mechanism. It is not only more compact than standard versions, but the centre of the light head maintains its position during alignment – as a result Gimbal is predestined as a tool for lighting concepts with ceiling channels. The luminaire can also be simply installed in on-location ceiling channels thanks to its special

mounting bracket. Several construction sizes and wattages for each light distribution create lively, nuanced and flexible lighting concepts. Applications consist of retail projects, hotels and restaurants as well as buildings where lighting designers plan discreet and effective lighting from ceiling channels or coves.

### Related ranges



**Gimbal Basic  
with mounting  
bracket**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 288



**Gimbal**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 270



**Gimbal Basic**  
Recessed spot-  
lights, floodlights,  
wallwashers  
Page 276



## Gimbal with mounting bracket Recessed spotlights, floodlights, wallwashers



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Luminaire

- Black
- Cast aluminium, powder-coated
- Gimbal suspension: polymer
- Pivotal through 0°-40°, pivotable through 60° in the longitudinal direction of the channel
- Mounting bracket: steel, powder-coated

#### 4 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/gimbal-cc](http://www.erco.com/gimbal-cc)

## Gimbal with mounting bracket Recessed spotlights, floodlights, wallwashers



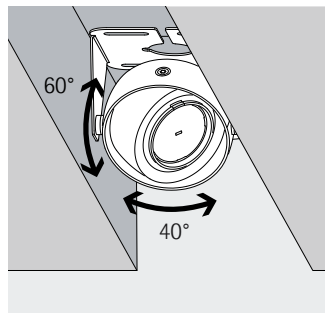
### Cardanic suspension

Especially with high ceilings, small swivel movements have a strong effect on the position of the light beam – cardanic suspension facilitates precise luminaire alignment in such cases.



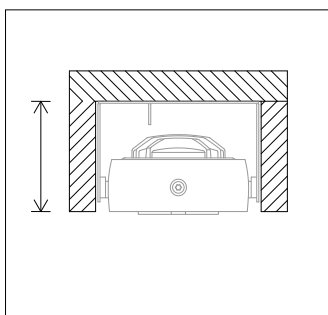
### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



### Ideal for ceiling channels


















The compact design and central pivot point predestine some luminaires for installation in ceiling channels.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

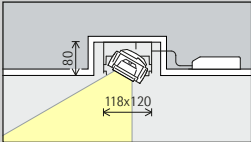
### Special characteristics

	Oval flood, freely rotatable		ERCO high-power LEDs		Excellent thermal management		Switchable
	Gimbal suspension		Efficient Spherolit technology		EMC-optimised		Phase dimmable
	Ideal for ceiling channels		Different light distributions		Various construction sizes		DALI dimmable
	Shallow recess depth		Different light colours		Pivotable through 40°		Casambi Bluetooth
					Accessory for maximum visual comfort		

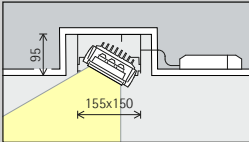


Gimbal with mounting bracket Recessed spotlights, recessed floodlights, recessed wallwashers

Construction size



Ø 118mm









Ø 150mm







LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)








12W/1650lm	4W/550lm (Narrow spot)
19W/2460lm	6W/820lm (Narrow spot)








Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution

Recessed spotlights	Recessed floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Recessed lens wallwashers	
 Wallwash	



Recessed spotlights	Recessed floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Recessed lens wallwashers	
 Wallwash	


Control

 Switchable	 DALI
 Phase dimmable	 Casambi Bluetooth





 Switchable	 DALI
 Phase dimmable	 Casambi Bluetooth

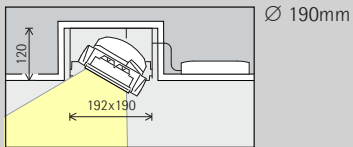
Colour (housing)

	Black
	10,000 colours *

	Black
	10,000 colours *

Accessories

	Lenses		Cross-baffle
	Snoot		Honeycomb anti-glare screen



24W/3300lm	8W/1100lm (Narrow spot)
38W/4920lm	13W/1640lm (Narrow spot)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Black
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/016770](http://www.erco.com/016770)

Design and application:  
[www.erco.com/gimbal-cc](http://www.erco.com/gimbal-cc)







## Gimbal Basic with mounting bracket – The highly diverse special tool

### **Versatile lighting technology with cardanic suspension, optimised for mounting in channels**

The principle of cardanic suspension with Gimbal Basic recessed spotlights translates into an especially precise, comfortable swivel mechanism. It is not only more compact than standard versions, but the centre of the light unit maintains its position during alignment – as a result Gimbal Basic is ideal as a tool for lighting concepts with ceiling channels. The luminaire can also be simply installed in on-location ceiling channels thanks to its special mounting bracket.

Several sizes and wattages with various light distributions create lively, nuanced and flexible lighting concepts. Applications are retail projects, hotels and restaurants as well as buildings where lighting designers plan discreet and effective lighting from ceiling channels or coves.

### Related ranges



**Gimbal with mounting bracket**  
Recessed spotlights, floodlights, wallwashers  
Page 282



**Gimbal**  
Recessed spotlights, floodlights, wallwashers  
Page 270



**Gimbal Basic**  
Recessed spotlights, floodlights, wallwashers  
Page 276





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: spot, flood, wide flood, oval flood or wallwash
- Oval flood 360° rotation

#### 2 ERCO LED-module

- Chip-on-board LED: warm white (2700K or 3000K), neutral white (3500K or 4000K) or Fashion (3000K)
- Collimating lens made of optical polymer

#### 3 Luminaire

- Black
- Cast aluminium, powder-coated
- Gimbal suspension: polymer
- Pivotal through 0°-40°, pivotable through 60° in the longitudinal direction of the channel
- Mounting bracket: steel, powder-coated

#### 4 Control gear

- Switchable or DALI dimmable

### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/gimbal-basic-cc](http://www.erco.com/gimbal-basic-cc)

## Gimbal Basic with mounting bracket Recessed spotlights, floodlights, wallwashers



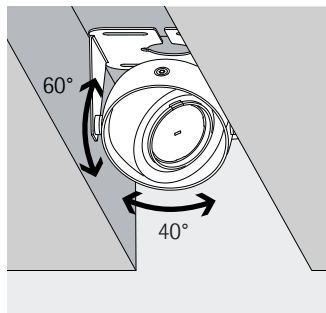
### Cardanic suspension

Especially with high ceilings, small swivel movements have a strong effect on the position of the light beam – cardanic suspension facilitates precise luminaire alignment in such cases.



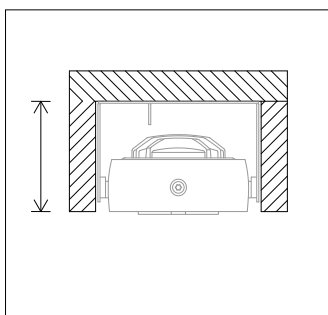
### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



### Ideal for ceiling channels

The compact design and central pivot point predestine some luminaires for installation in ceiling channels.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Oval flood, freely rotatable



Gimbal suspension



Ideal for ceiling channels



Shallow recess depth



ERCO chip-on-Board LED



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Pivotable through 40°



Accessory for maximum visual comfort



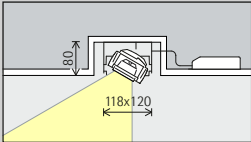
Switchable



DALI dimmable

Gimbal Basic with mounting bracket Recessed spotlights, recessed floodlights, recessed wallwashers

Construction size Ø 118mm



LED module  
Maximum value  
at 4000K CRI 82

10W/1635lm

Light colour

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

Light  
distribution

Recessed spotlights	Recessed floodlights
Spot	Wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

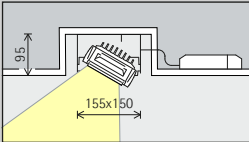
Control

	Switchable
	DALI

Colour (housing)

	Black
	10,000 colours *

Ø 150mm



21W/3270lm

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

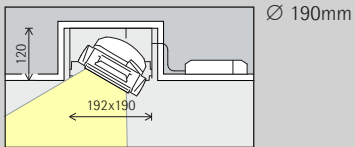
Recessed spotlights	Recessed floodlights
Spot	Wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

	Switchable
	DALI

	Black
	10,000 colours *

Accessories

	Lenses		Cross-baffle
	Snoot		Honeycomb anti-glare screen



Ø 190mm

36W/5810lm

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

Recessed spotlights	Recessed floodlights
Spot	Wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

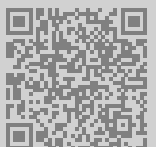
	Switchable
	DALI

	Black
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/019316](http://www.erco.com/019316)

Design and application:  
[www.erco.com/gimbal-basic-cc](http://www.erco.com/gimbal-basic-cc)





# MASSIMO OSTI





## Cantax – Minimalism in the system

### Individually adjustable recessed spotlight with differentiated light distributions

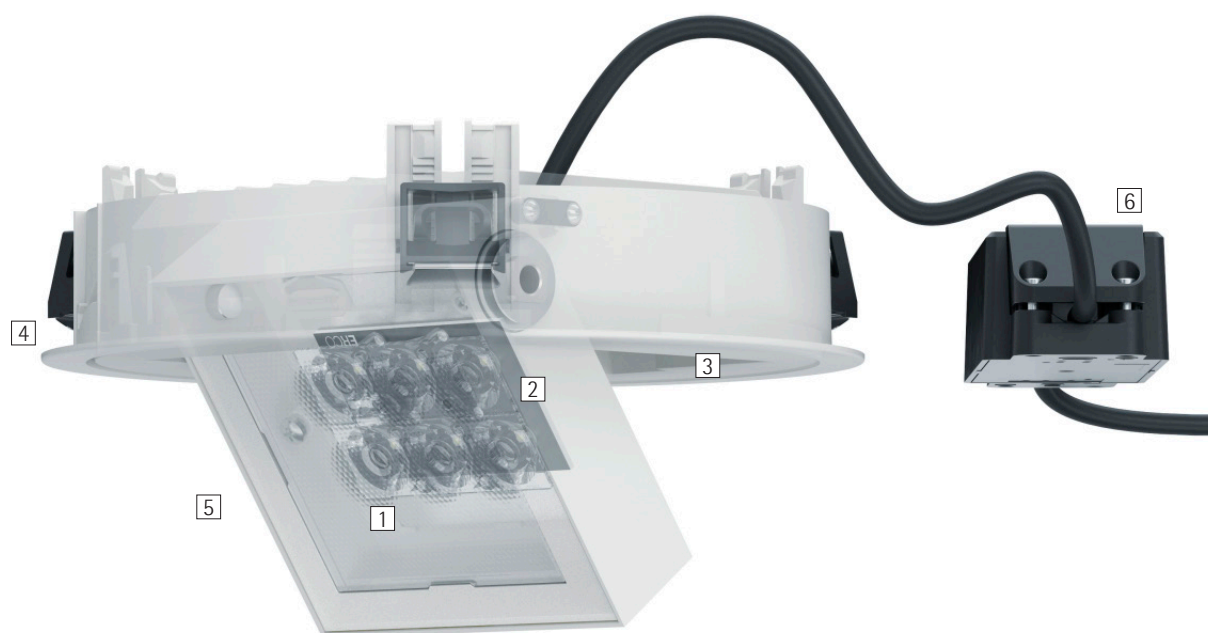
With the Cantax recessed luminaire, ERCO has added a new version to this successful range of track spotlights. Clear lines, brilliant light and precise light distributions set this luminaire apart as the ideal lighting tool for shops and museums. In high and low rooms, different sizes and shallow recess depths facilitate the integration into the ceiling. Thanks to the tiltable and rotatable luminaire head, the recessed spotlight can be adjusted individually. The highly efficient sys-

tem consisting of collimating and interchangeable Spherolit lenses provides the designer with a wide variety of light distributions – be it for precise accent lighting using narrow spot, the washlighting of horizontal product displays with oval flood or the uniform illumination of shelves using wallwashing.

### Related ranges



**Cantax**  
for track  
220-240V  
Page 212



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Flush cassette

- Polymer, white

### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

### 5 Luminaire

- White (RAL9002)
- Cast aluminium, powder-coated
- 0°-90° tilt, 360° rotation
- Frame: polymer

### 6 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

## Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Housing: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/cantax-r](http://www.erco.com/cantax-r)

## Cantax Recessed spotlights, floodlights, wallwashers



### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.

### Pivotable through 90°

The luminaires can be adjusted precisely for optimum beam alignment. The light is thus emitted to precisely where it is required.

### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Pivotable through 90°



Flush or covered mounting detail



Shallow recess depth



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Tool-free mounting



Accessory for maximum visual comfort



Switchable



Phase dimmable

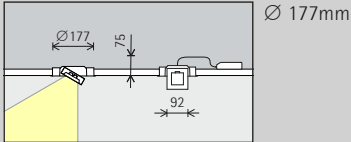


DALI dimmable

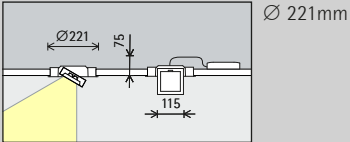


Cantax Recessed spotlights, recessed floodlights, recessed wallwashers

Construction size



Ø 177mm



Ø 221mm

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

12W/1650lm	8W/1100lm (Narrow spot)
------------	-------------------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

Recessed spotlights	Recessed floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Recessed lens wallwashers	
Wallwash	

Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

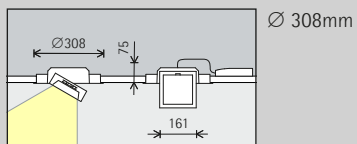
Colour (housing)

	White
	10,000 colours *







	White
	10,000 colours *








Accessories




	Lenses		Mounting ring		Cover ring
	Snoots		Compensation set		



24W/3300lm	18W/2475lm (Narrow spot)
------------	--------------------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Recessed spotlights	Recessed floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Recessed lens wallwashers	
 Wallwash	

	Switchable
	Phase dimmable
	DALI

	White
	10,000 colours *

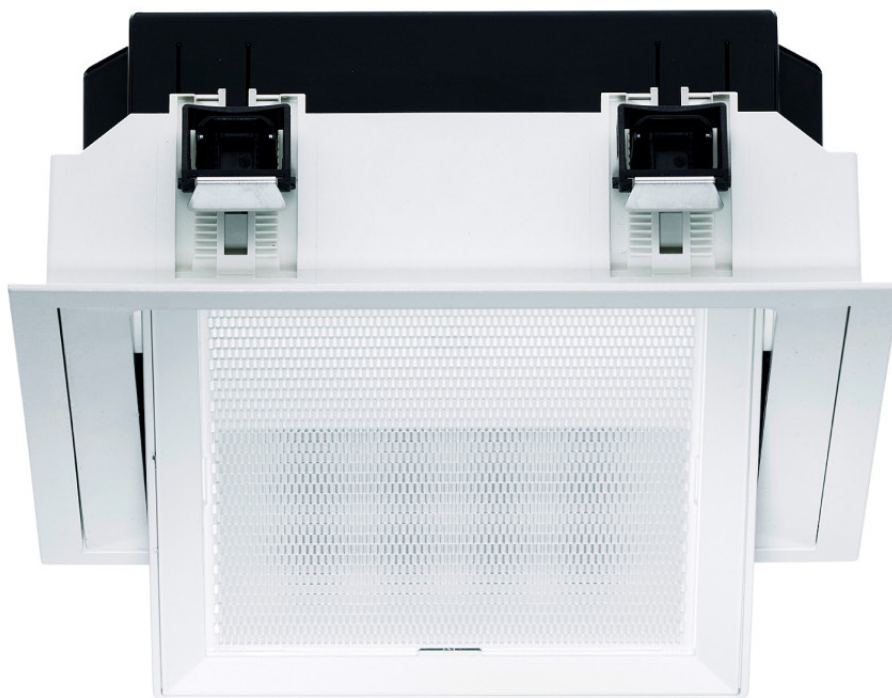
\* available on request

Article numbers and planning data:  
[www.erco.com/015730](http://www.erco.com/015730)

Design and application:  
[www.erco.com/cantax-r](http://www.erco.com/cantax-r)







## Light Board – Perfect floodlighting made easy

### **Recessed floodlights and wall-washers with shallow recess depths for sophisticated lighting in museums, galleries and shops**

The Light Board recessed floodlight provides uniquely effective illumination for display cabinets and merchandise tables with a distinctive elliptical beam. Walls, shelves or large exhibits are best illuminated using the wallwasher version. The luminaire can easily be moved into the required position thanks to a very flexible adjustment range. Use the RGBW luminaire together with a DALI control system to

bathe walls or objects in coloured light, or, by controlling the colour temperature of the white light, you can optimise Light Board for the colours of the illuminated products or objects. Modern lighting installation may often benefit from, or even demand, flexible components. With Light Board, the static recessed versions have flexible, track-mounted equals delivering design consistency throughout your project.

### Related ranges



**Light Board**  
for track  
220-240V  
Page 194



## Light Board Recessed floodlights, recessed wallwashers



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with highly reflective colour mixer

#### 3 Housing of floodlight, wallwasher

- White (RAL9002)
- Cast aluminium, powder-coated
- 0°-90° tilt
- Front cover: polymer

#### 4 Mounting frame

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 5 Recessed housing

- Metal, black

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Housing: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/light-board-r](http://www.erco.com/light-board-r)

## Light Board Recessed floodlights, recessed wallwashers



### Pivotal through 90°

The luminaires can be adjusted precisely for optimum beam alignment. The light is thus emitted to precisely where it is required.



### Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.

### Special characteristics



Coloured light



Pivotal through 90°



Flush or covered mounting detail



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Tool-free mounting



Accessory for maximum visual comfort



Switchable



Phase dimmable



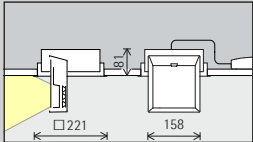
DALI dimmable



Casambi Bluetooth

Light Board Recessed floodlights, recessed wallwashers

Construction size 221mm



LED module  
Maximum value  
at 4000K CRI 82

24W/3300lm	30W/1900lm
------------	------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	RGBW
--	------

Light  
distribution

Recessed floodlights	Recessed lens wallwashers
Extra wide flood	Wallwash
Oval flood	

Recessed floodlights	Recessed lens wallwashers
Extra wide flood	Wallwash
Oval flood	

Control

Switchable	DALI
Phase dimmable	Casambi Bluetooth

DALI
------

Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *

Accessories

	Lenses		Mounting frame
	Snoots		



China Design  
Museum, Hang-  
zhou.  
Architecture:  
Alvaro Siza, Porto.  
Photography:  
Jackie Chan, Syd-  
ney.

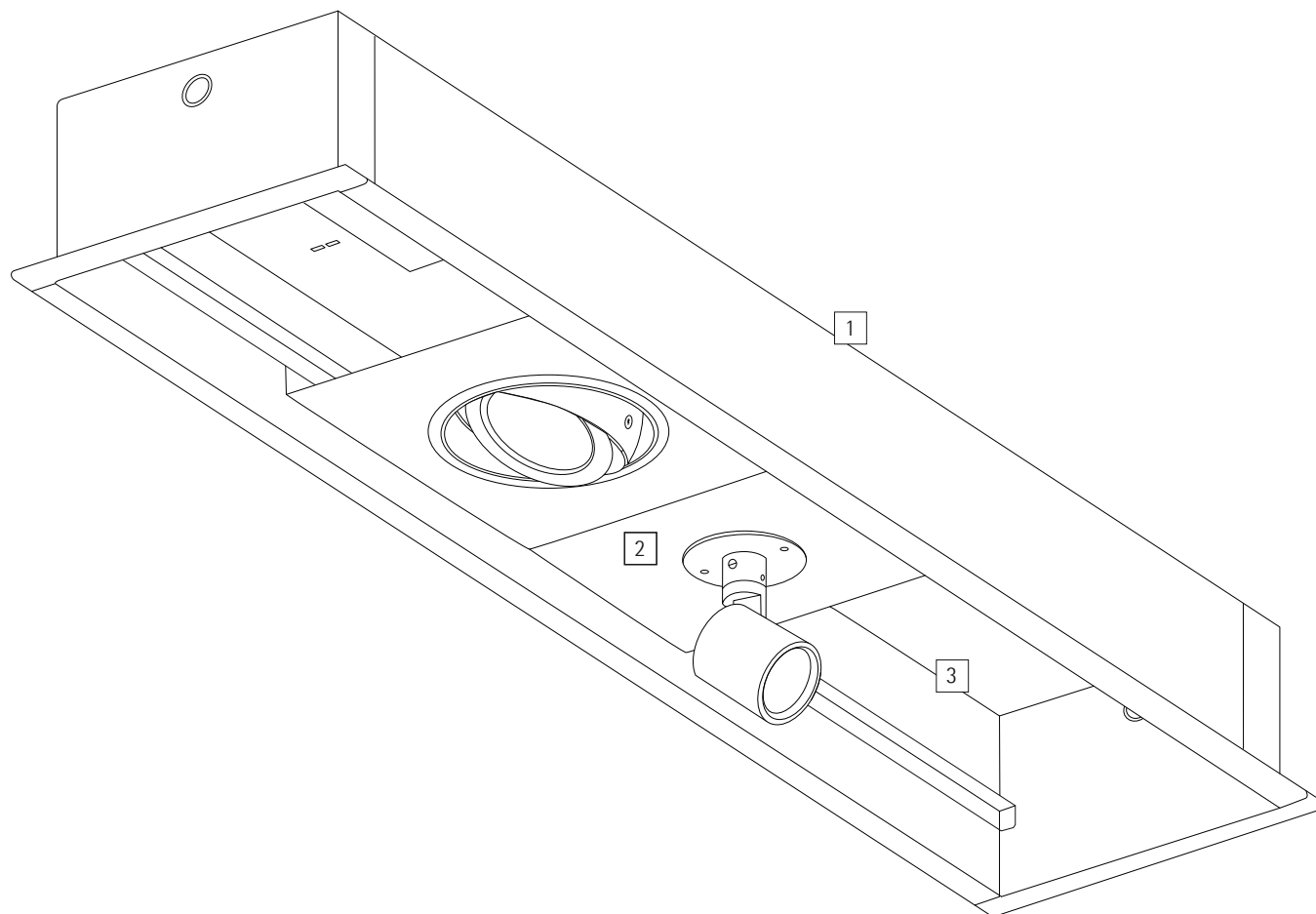
\* available on request

Article numbers and planning data:  
[www.ercos.com/012497](http://www.ercos.com/012497)

Design and application:  
[www.ercos.com/light-board-r](http://www.ercos.com/light-board-r)

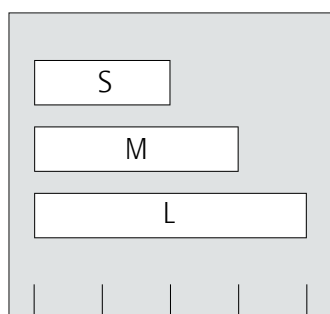






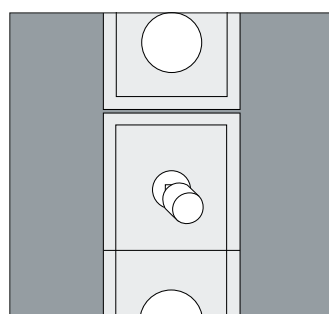
## 1 Individual dimensions

Delicate lines with light or a multifunctional ceiling channel – basic units allow the ERCO ceiling channel system to be freely configured. Where required, standard elements can be modified in terms of length, width and depth according to project needs. As an individual element of design, the recess between the insertion plate and lower ceiling edge can be defined.

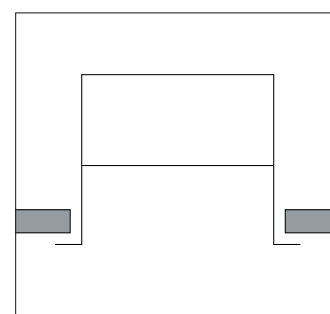


**Modular ceiling channel system**  
The ERCO ceiling channel system is simply configured using basic units. Dimensions can also be individually modified on request. The minimum dimensions are determined by the technical fixtures. Please see the data sheets

for appropriate installation dimensions for ERCO luminaires.



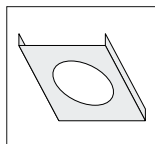
**Lines that trace the architecture**  
Single basic ceiling channel units can be interconnected to create various channel lengths.



**Offset between insertion plate and lower ceiling edge**  
Ceiling-flush or offset – the recess between the insertion plate and lower ceiling edge can be defined in advance.

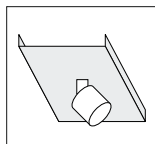
## 2 Precisely fitting insertion plates

The ERCO ceiling channel is designed as a system with a closed appearance from below. Insertion plates that are removable without tools accommodate the luminaires or other technical fittings. The recess between the inset panels and lower ceiling edge is freely definable.



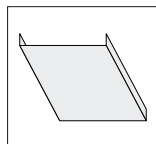
### Insertion plates for recessed luminaires

All ERCO recessed luminaires as well as recessed spotlights, floodlights and wallwashers can be integrated into the ERCO ceiling channel system using precisely fitting insertion plates.



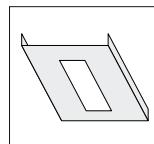
### Insertion plates for spotlights

ERCO Oseris, Pollux and Cantax track luminaires can be converted for mounting into ceiling channel systems. Thus luminaires are available that also protrude from the channel in addition to the recessed luminaires.



### Closed insertion plates

Blank modules close the channel in areas without fittings. In this way cabling, control gear and electrical distributors can be accommodated in the ceiling channel system away from view and without major installation effort.

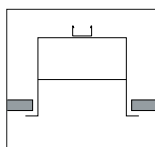


### Freely configurable insertion plates

A lot of isolated technical fittings give the ceiling design a cluttered appearance. For this reason ERCO also offers custom-produced insertion plates. These enable lighting designers to also integrate further elements into the ceiling channel system.

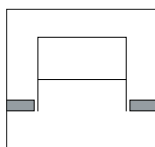
## 3 Simple mounting

The ERCO ceiling channel is designed for mounting with commercially available, on site suspension systems. Large openings on the back of the channel facilitate intervention into the ceiling's intermediate space during installation. Cabling can be routed openly in the channel and this is not visible from the room due to the insertion plates.



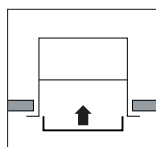
### Mounting with standard suspension systems

The ERCO ceiling channel system is factory-supplied with eyelets. CD profiles can also be ordered as an option for fixing. In this way suspensions can be selected on site according to the specifically used ceiling.



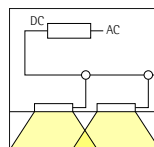
### Flush ceiling fixing is possible

The ERCO ceiling channel system can also be mounted flush with a shadow gap using on-site corner protection profiles for ceiling plates.



### Insertion plates fitted without tools

The insertion plates can be fixed with a pre-defined recess into the channel. Installation and removal are possible without tools.



### Luminaire through-wiring

Depending on their connected load, several ERCO luminaires can be connected to one control unit via terminals.

### The first steps to your ERCO ceiling channel

Simply contact us! The ERCO ceiling channel system enables custom solutions. For us to construct your suitable ceiling channel we require the following information:

#### 1 Geometry

Position of the ceiling channel in the ceiling design or plan view and specifications of the desired dimensions and recess of the insertion plates

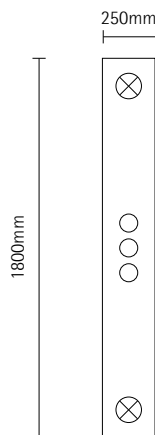
#### 2 Fittings

Article numbers of ERCO luminaires and luminaire positions in the ceiling channel

#### 3 Mounting details

Details of the ceiling design and substructure and specifications of the desired ceiling connection

### Example



#### 1 Geometry

- length 1800mm
- width 250mm
- recess 30mm

#### 2 Fittings

- 2 x Gimbal 81998 (12W, oval flood)
- 3 x Pollux based on 73292 (6W, spot)

#### 3 Mounting details

- suspended plasterboard ceiling
- intermediate ceiling space 200mm
- overlapping connection



## Integrated. Versatile. Recessed luminaires

With recessed luminaires the luminaire is completely subordinate to its lighting effect. The lighting tools are hardly noticed as an additional element of design, being fully integrated into the architecture. The building and its spaces within reveal themselves in an interplay of surfaces and light – light with outstanding visual comfort that covers the entire spectrum from accentuating beams of light to wallwashing.



Overview of all ranges: from page 314  
[www.erco.com/downlights-r](http://www.erco.com/downlights-r)

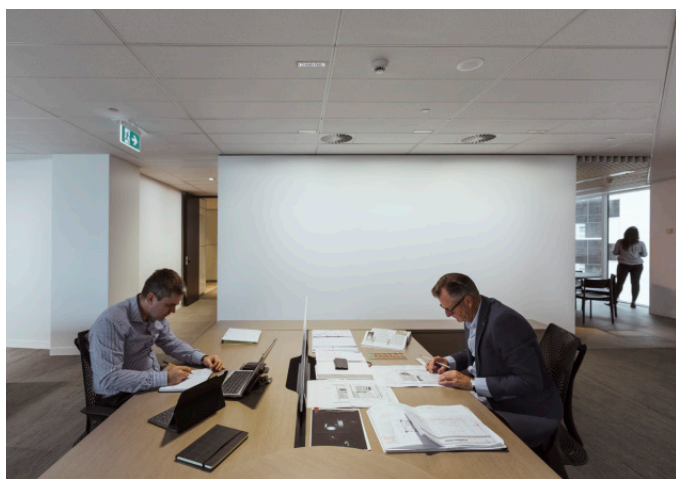
## Recessed luminaires Application examples

### Light for the office

- Office lighting with high visual comfort for pleasant working conditions
- Very small ceiling detail due to compact luminaire dimensions
- Standard-compliant office lighting

Products used:

**Compar linear** page 390



### Light for welcoming

- Uniform wallwashing achieves a wide spatial impression
- Welcoming visitors: displaying wall structures with grazing light
- Pleasant impression of brightness due to light on vertical surfaces

Products used:

**Compar linear** (left) page 390

**Lightgap** (right) page 396



### Light for enjoying

- Directional spotlights have the appearance of a downlight but are adjustable like a spotlight
- Brilliant light emphasises the innate value of shiny surfaces
- High colour rendering creates an appetite for food and beverages

Products used:

**Quintessence square** page 324





### Meetings in perfect light

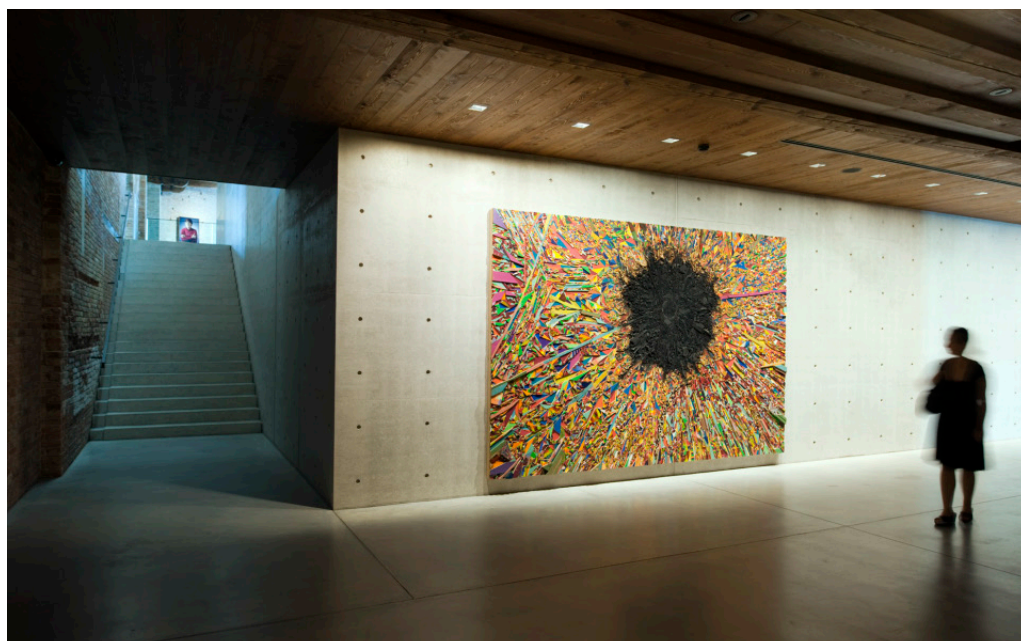
- Cylindrical illuminances for ideal facial recognition
- Oval wide flood light distribution for uniform illumination of tables
- Vertical lighting creates a bright and prestigious spatial impression

Products used:  
**Compar linear** page 390

### Light for art appreciation

- Uniform wallwashing serves as neutral background
- Wide luminaire spacing reduces project costs
- Flicker-free light for filming and mobile phone images without imperfections

Products used:  
**Quintessence round** page 316







#### Light for high rooms

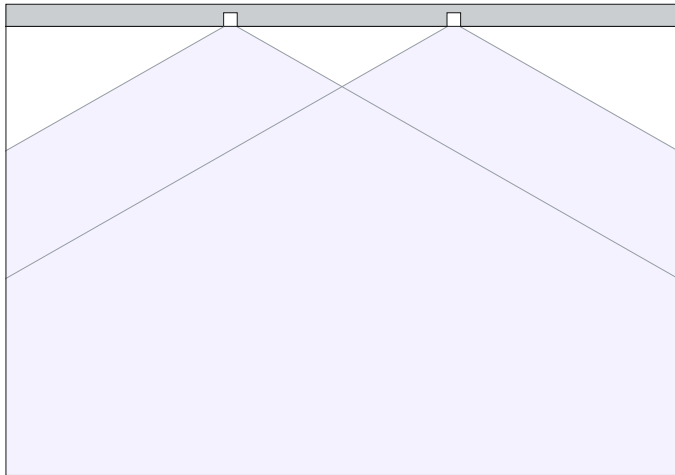
- Large lumen packages generate high illuminance levels on the target surface
- Luminaires with darklight reflectors ensure high visual comfort
- Dimmable down to 0.1% for smooth fade-outs

Products used:

**Quintessence round** page 316

## These lighting tools solve your lighting tasks

Looking for downlights with tunable white for your Human Centric Lighting concept?

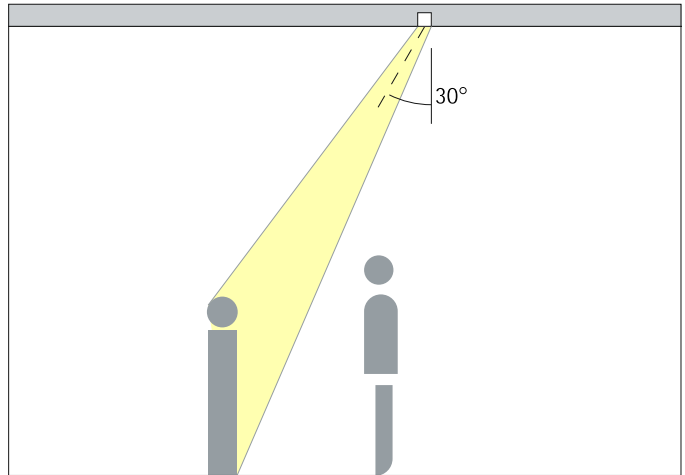


Quintessence  
round  
page 316



Quintessence  
square  
page 324

You'd like to display objects with use of minimal luminaire openings?



Quintessence  
Pinhole  
page 332



Quintessence  
Pinhole Basic  
page 338

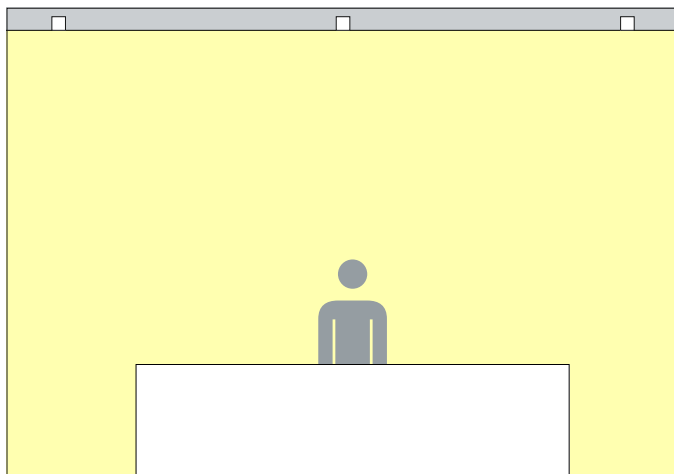
### Tunable white technology for dynamic general lighting

- ✓ Simulating the spectral course of daylight
- ✓ Colour temperature from 2700K to 6500K
- ✓ Simple operation via DALI

### Pinhole directional spotlights for accentuations with narrow light distributions

- ✓ Small light emission aperture
- ✓ Almost invisible detail in the ceiling
- ✓ Rich-contrast accent lighting

**You'd like to welcome guests with prestigious foyer lighting?**



**Quintessence round**  
page 316



**Compar linear**  
page 390

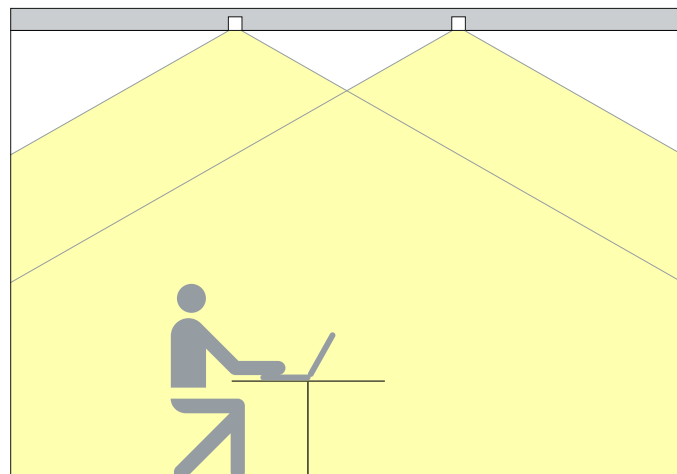


**Atrium double focus**  
page 344



**Lightgap**  
page 396

**You need economical office lighting that conforms to standards?**



**Jilly linear**  
page 384



**Compar linear**  
page 390



**Skim**  
page 358

### Wallwashing for a prestigious appearance

- ✓ Bright walls create an extensive impression of space
- ✓ Planar lighting up to a height of 8m and more with wallwashers
- ✓ Grazing light emphasises textures

### Downlights for standard-compliant office lighting

- ✓ Luminaires with  $UGR < 16$
- ✓ Oval wide flood light distribution for illuminating office workplaces
- ✓ Low project costs due to wide luminaire spacing





## Round, square or linear

The design of ERCO recessed luminaires offers almost any light distribution – thanks to lens technology that's independent of the luminaire geometry.

## Luminaires for high rooms

Precise illumination in high rooms with up to 10,000lm: ERCO LED downlights offer high illuminances and outstanding visual comfort.

## This distinguishes our recessed luminaires



2,700K 6,500K

## Tunable white technology

Just as the outdoor colour temperature changes during the day, the colour temperature of lighting indoors can be adjusted to support lighting concepts for Human Centric Lighting for example.

wallwash

double wallwash

wide flood  
> 45°

extra wide flood  
> 80°

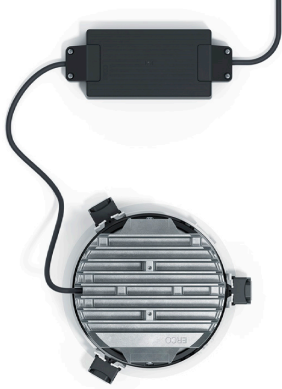
oval flood  
approx. 20°x 60°

## Wallwashing in all its facets

ERCO wallwashers are the specialists for vertical lighting with wall heights of 8m and more: ranging from uniform wallwashing in foyers and highly attractive grazing light on structured walls to precise double wallwashing in corridors.

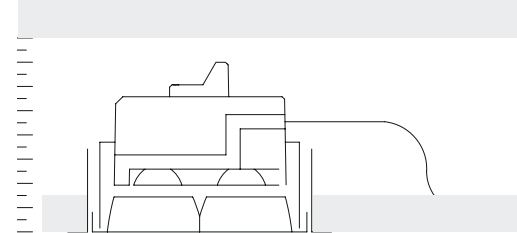
## Safe is safe

Recessed luminaires with IEC/EN certification are suitable for emergency lighting.



## Shallow recess depth

In tight installation situations every millimetre is decisive. Just 75mm is sufficient for especially flat recessed luminaires.



## Extremely durable

Due to their excellent maintenance of luminous flux, ERCO luminaires feature high investment security: L90/B10 with up to 50,000 operating hours. At 9 hours a day, this means over 15 years of low-maintenance operation with outstanding photometric characteristics – ideal for difficult-to-access installation locations.



## Customise

"ERCO individual" offers extensive options for the individualisation of product ranges:  
[www.erco.com/individual](http://www.erco.com/individual)



## Setting magical accents with directional spotlights

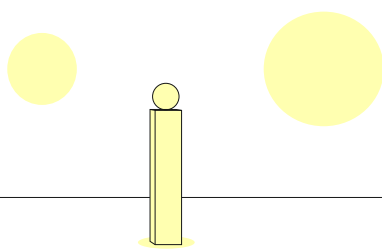
Directional spotlights blend almost invisibly into the architecture. They combine the appearance of a downlight with the adjustment capability of a spotlight.

## Very high visual comfort

Darklight reflectors or anti-dazzle louvres: both enable standard-compliant office lighting with  $UGR < 19$ .

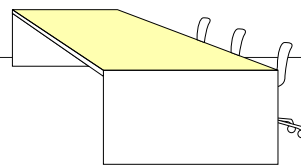
## Light for video meetings

The light of our luminaires with in-house developed driver is flicker-free and therefore ideal for video conferences in offices or meeting rooms.



Directional spotlight light distributions: narrow spot  $< 10^\circ$ , spot  $10^\circ - 20^\circ$ , flood  $25^\circ - 35^\circ$

oval wide flood approx.  $55^\circ \times 90^\circ$



## Connectivity

Wireless or wired? With technologies such as Casambi Bluetooth and DALI we always offer you the right interface.



Products with these features can be found on the next page.



## Downlights, wallwashers and directional luminaires


**Quintessence round** 316

Downlights, wallwashers and directional luminaires

Tunable white

Very high visual comfort due to darklight technology

Community, Work


**Quintessence square** 324

Downlights, wallwashers and directional luminaires

Tunable white and RGBW available

Very high visual comfort due to darklight technology

Community, Work


**Quintessence Pinhole** 332

Directional luminaire pivotable through 30°

Almost invisible light source

Precise accenting

Shop

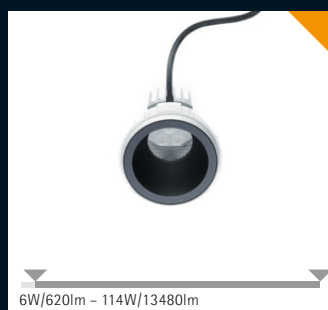

**Quintessence Pinhole Basic** 338

Directional luminaire pivotable through 30°

Spot light distribution

Very good price-performance ratio

Shop


**Atrium double focus** 344

Downlights and wallwashers

Ideal for very high rooms and inclined ceilings

Very high visual comfort

Community


**Starpoint** 352

Downlights with low recess depth

Small size

Hospitality, Living


**Skim** 358

Downlights from UGR&lt;16

Very good price-performance ratio

Magically luminous lens

Community, Work


**Compact** 364

Downlights, wallwashers and double wallwashers

Shallow recess depth

Five sizes

Work, Community


**Quadra** 372

Downlights, wallwashers and double wallwashers

Shallow recess depth

Work, Community

Downlights, wallwashers and directional luminaires



Jilly square

378

Downlights with low recess depth

For office workstation lighting as of UGR<16

Anti-glare louvre in various colours

Work



Jilly linear

384

Downlights with low recess depth

For office workstation lighting as of UGR<16

Anti-glare louvre in various colours

Work



Compar linear

390

Downlights and wallwashers with extremely narrow ceiling detail

For office workstation lighting as of UGR<16

Five light distributions

Community, Work

Grazing light wallwasher



Lightgap

396

Impressively uniform grazing light

Invisible light source

Continuous luminaire configurations possible

Hospitality, Community









## Quintessence round – The system solution for excellent visual comfort

### Large luminaire spacing, high uniformity and excellent visual comfort

Quintessence sets standards in terms of visual comfort, efficiency and quality of light for recessed luminaires. The high-efficiency product family consists of downlights, lens wallwashers and directional spotlights in round and square designs. Characteristic of Quintessence downlights and lens wallwashers is their good glare control and high uniformity of illumination. The 90° beam angle and a 40° cut-off allow wide luminaire spacing between downlights and

therefore high-quality, efficient ambient lighting. Tunable white technology also enables the colour temperature of the light to be modified. Human Centric Lighting concepts are thus supported, matched to the incident daylight.

### Related ranges



**Quintessence square**  
Recessed luminaires  
Page 326



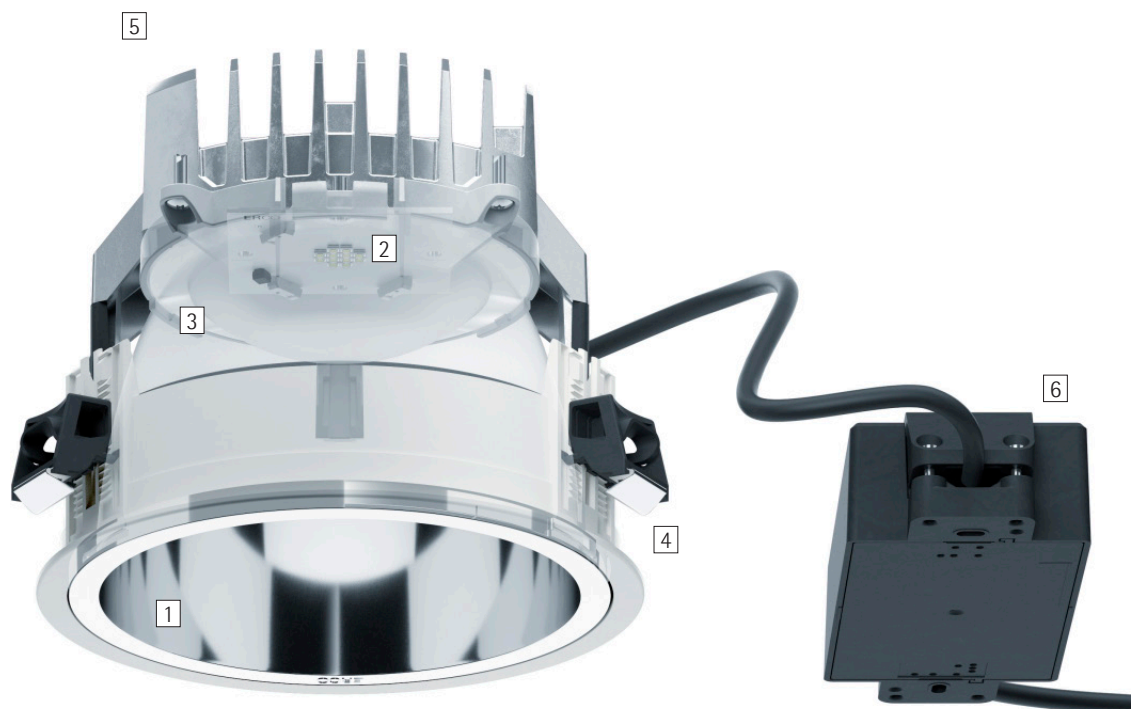
**Quintessence round**  
Surface-mounted luminaires  
Page 410



**Quintessence round**  
Pendant luminaires  
Page 466



**Quintessence round**  
Recessed luminaires  
Page 718



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO darklight reflector

- Downlight: cut-off angle 40°
- Polymer, aluminium vaporised, mirror-finish

or

#### Wallwasher reflector

- Cut-off angle 80°
- Polymer, aluminium vaporised, mirror-finish

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Chip-on-board LED: tunable white (2700-6500K)
- Directional luminaire with collimating lens made of optical polymer

#### 3 Diffuser or lens

- Made of optical polymer
- Diffuser lens, wide flood, extra wide flood or lens system, wallwash
- Directional luminaire with Spherolit lens narrow spot, spot or flood

#### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm (size 3-4) or 1-30mm (size 5-7)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 5 Housing

- Cast aluminium, designed as heat sink
- Rotatable through 360°
- Fixing ring: polymer, black
- Fixing of the beam direction
- Directional luminaire: 0°-30° tilt. Lockable angles of tilt and rotation

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Reflector: coated matt gold, matt silver or matt champagne
  - Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Mounting ring: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-round](http://www.erco.com/quintessence-round)

## Quintessence round Recessed luminaires



**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



**Very high visual comfort**  
The darklight reflector combines maximum visual comfort with an optimum light output ratio.





















**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.



**Covered or flush mounting detail**  
As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.

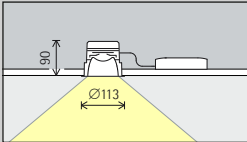
### Special characteristics

	Excellent visual comfort		ERCO high-power LEDs		Excellent thermal management		Switchable
	For office workstation lighting from UGR 18.9		Efficient Spherolit technology		EMC-optimised		Phase dimmable
	Tunable white		Cut-off 40°/80°		Various construction sizes		DALI dimmable
	Flush or covered mounting detail		Different light distributions		Lockable		Casambi Bluetooth
			Different light colours		Tool-free mounting		



Quintessence round Recessed luminaires

Construction size



Size 3

LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	2W/275lm (Narrow spot)	12W/1600lm
------------	------------------------	------------

Light colour

	2700K CRI 92		3500K CRI 92		Tunable white
	3000K CRI 92		4000K CRI 82		
	3000K CRI 97		4000K CRI 92		

Light  
distribution

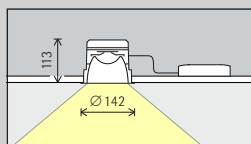
Downlights	Directional luminaires	Downlights
Wide flood	Narrow spot	Wide flood
Extra wide flood	Spot	Extra wide flood
Lens wallwashers	Flood	
Wallwash		

Control

	Switchable		DALI		DALI
	Phase dimmable		Casambi Bluetooth		

Accessories

	Concrete mounting enclosure		Spacer plate		Compensation set
	Mounting ring		Mounting plate for panelled ceilings		Cover ring



Size 4



\* available on request

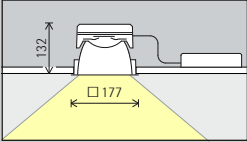
Article numbers and planning data:  
[www.erco.com/014091](http://www.erco.com/014091)

Design and application:  
[www.erco.com/quintessence-round](http://www.erco.com/quintessence-round)



Quintessence round Recessed luminaires

Construction size









Size 5


LED module

Maximum value at 4000K CRI 82







24W/3300lm	6W/825lm (Narrow spot)	18W/2400lm
------------	------------------------	------------



Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





 Tunable white


Light distribution







Downlights	Directional luminaires
 Wide flood	 Narrow spot
 Extra wide flood	 Spot
Lens wallwashers	 Flood
 Wallwash	

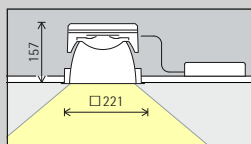
Downlights
 Wide flood
 Extra wide flood

Control

 Switchable	 DALI
 Phase dimmable	 Casambi Bluetooth







 DALI







Accessories		Concrete mounting enclosure		Spacer plate		Compensation set
		Mounting ring		Mounting plate for panelled ceilings		Cover ring







Size 7

32W/4400lm	8W/1100lm (Narrow spot)
------------	-------------------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights		Directional luminaires	
	Wide flood		Narrow spot
	Extra wide flood		Spot
Lens wallwashers			Flood
	Wallwash		

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

\* available on request

Article numbers and planning data:  
[www.erco.com/014091](http://www.erco.com/014091)

Design and application:  
[www.erco.com/quintessence-round](http://www.erco.com/quintessence-round)











## Quintessence square – The system solution for excellent visual comfort

### Large luminaire spacing, high uniformity and excellent visual comfort

Quintessence sets standards in terms of visual comfort, efficiency and quality of light for recessed luminaires. The high-efficiency product family consists of downlights, lens wallwashers and directional spotlights in round and square designs. Characteristic of Quintessence downlights and lens wallwashers is their good glare control and high uniformity of illumination. The 90° beam angle and a 40° cut-off allow wide luminaire spacing between downlights and

therefore high-quality, efficient ambient lighting. Tunable white technology also enables the colour temperature of the light to be modified. Human Centric Lighting concepts are thus supported, matched to the incident daylight.

### Related ranges



**Quintessence round**  
Recessed luminaires  
Page 318



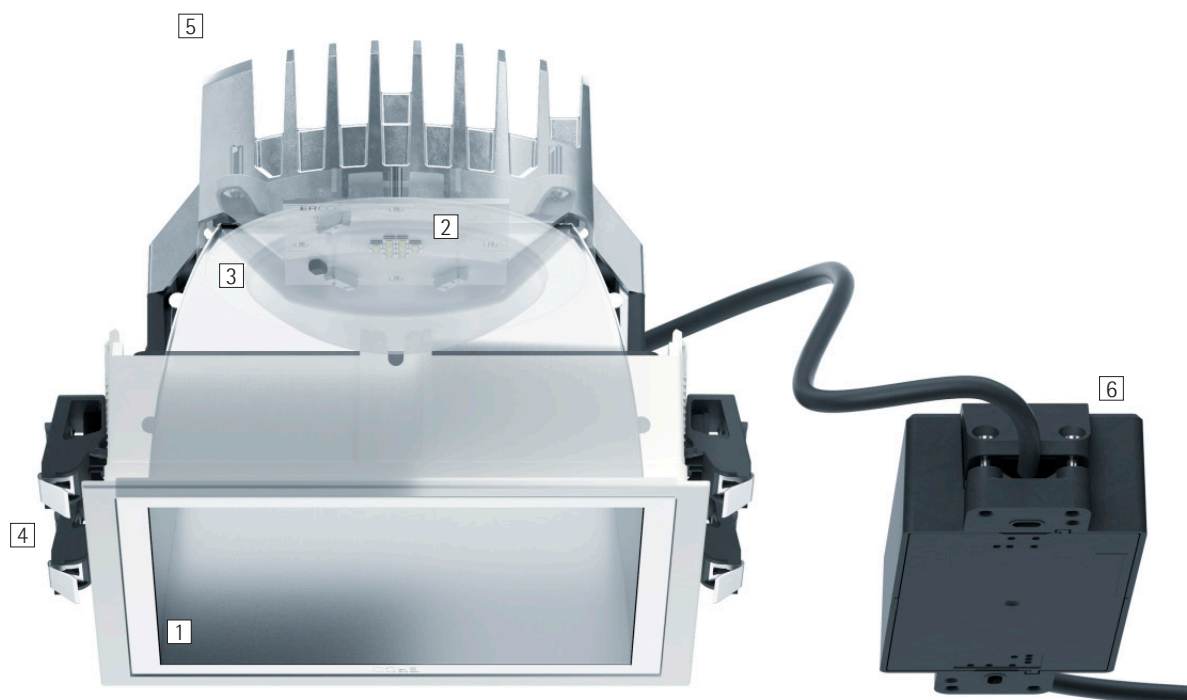
**Quintessence round**  
Surface-mounted luminaires  
Page 410



**Quintessence round**  
Pendant luminaires  
Page 466



**Quintessence round**  
Recessed luminaires  
Page 718



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO darklight reflector

- Downlight: cut-off angle 40°
- Aluminium, anodised, satin matt

or

### Wallwasher reflector

- Cut-off angle 80°
- Aluminium, anodised, satin matt

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or RGBW
- Chip-on-board LED: tunable white (2700-6500K)
- Directional luminaire with collimating lens made of optical polymer

### 3 Diffuser or lens

- Made of optical polymer
- Diffuser lens, wide flood, extra wide flood or lens system, wallwash
- Directional luminaire with Spherolit lens narrow spot, spot or flood

### 4 Mounting frame

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

### 5 Housing

- Cast aluminium, designed as heat sink
- Fixing frame: polymer, black
- Directional luminaire: 0°-20° tilt, 360° rotation. Lockable angles of tilt and rotation

### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

- Reflector: coated matt gold, matt silver or matt champagne
  - Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Mounting frame: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-square](http://www.erco.com/quintessence-square)

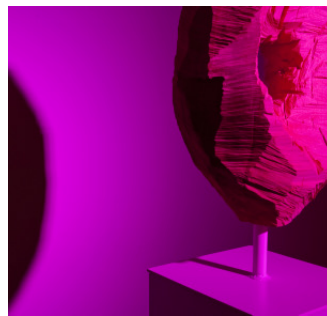
## Quintessence square Recessed luminaires



**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



**Very high visual comfort**  
The darklight reflector combines maximum visual comfort with an optimum light output ratio.



**Coloured light**  
Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.













**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.












**Covered or flush mounting detail**  
As standard, all recessed luminaires have overlapping installation details. Flush mounting frames are available as accessories.

### Special characteristics

	Excellent visual comfort
	For office workstation lighting from UGR 18.5
	Coloured light
	Tunable white
	Flush or covered mounting detail

	ERCO high-power LEDs
	Efficient Spherolit technology
	Cut-off 40°/80°
	Different light distributions
	Different light colours

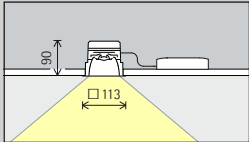
	Excellent thermal management
	EMC-optimised
	Various construction sizes
	Lockable
	Tool-free mounting

	Switchable
	Phase dimmable
	DALI dimmable
	Casambi Bluetooth



Quintessence square Recessed luminaires

Construction size



Size 3

LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	2W/275lm (Narrow spot)	12W/1600lm
------------	------------------------	------------

Light colour

	2700K CRI 92		3500K CRI 92		Tunable white
	3000K CRI 92		4000K CRI 82		
	3000K CRI 97		4000K CRI 92		

Light  
distribution

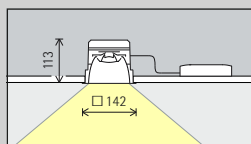
Downlights	Directional luminaires	Downlights
Wide flood	Narrow spot	Wide flood
Extra wide flood	Spot	Extra wide flood
Lens wallwashers	Flood	
Wallwash		

Control

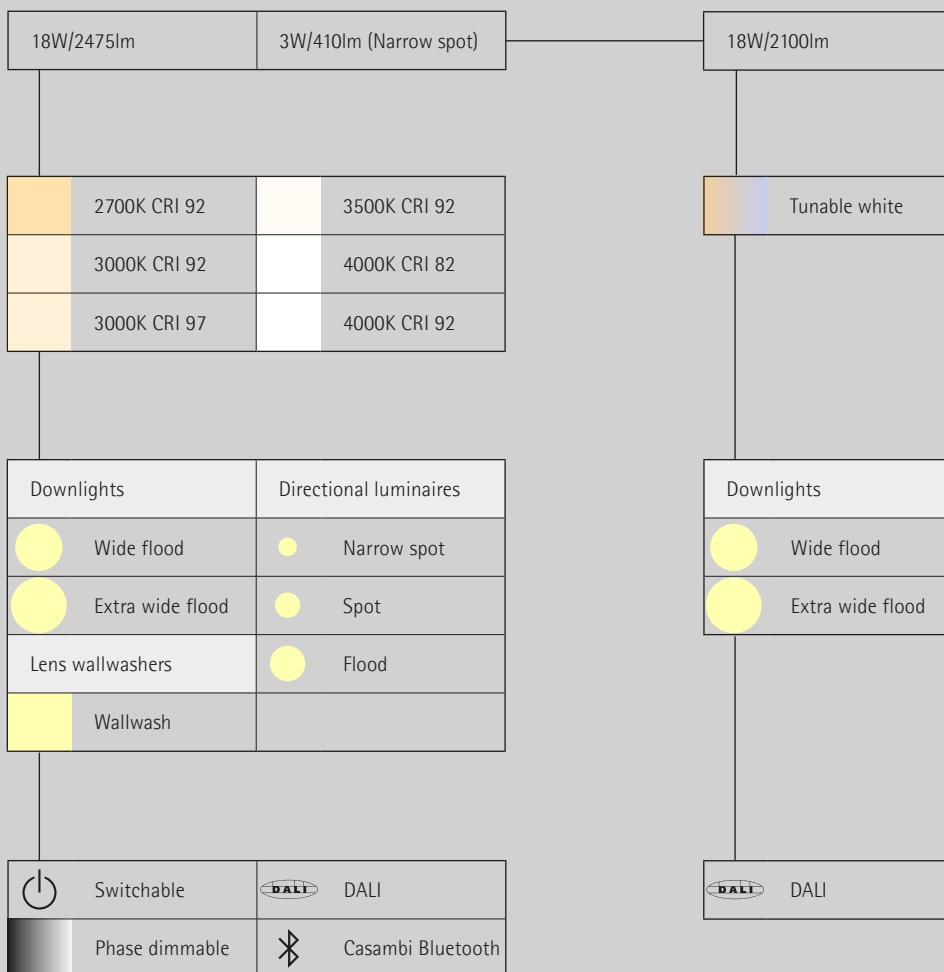
	Switchable		DALI		DALI
	Phase dimmable		Casambi Bluetooth		

Accessories

	Concrete mounting enclosure		Mounting frame, 2x		Mounting plate for panelled ceilings
	Mounting frame		Spacer plate		Cover frame



Size 4



\* available on request

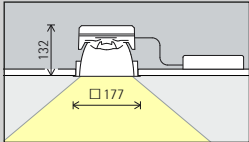
Article numbers and planning data:  
[www.erco.com/014092](http://www.erco.com/014092)

Design and application:  
[www.erco.com/quintessence-square](http://www.erco.com/quintessence-square)



Quintessence square Recessed luminaires

Construction size Size 5



LED module  
Maximum value  
at 4000K CRI 82

24W/3300lm	6W/825lm (Narrow spot)	18W/2400lm	22W/1570lm
------------	------------------------	------------	------------

Light colour

	2700K CRI 92		3500K CRI 92		Tunable white		RGBW
	3000K CRI 92		4000K CRI 82				
	3000K CRI 97		4000K CRI 92				

Light  
distribution

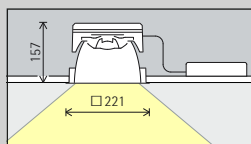
Downlights	Directional luminaires	Downlights	Lens wallwashers
Wide flood	Narrow spot	Wide flood	Wallwash
Extra wide flood	Spot	Extra wide flood	
Lens wallwashers	Flood		
Wallwash			

Control

	Switchable		DALI		DALI		DALI
	Phase dimmable		Casambi Bluetooth				







Accessories







	Concrete mounting enclosure		Mounting frame, 2x		Mounting plate for panelled ceilings
	Mounting frame		Spacer plate		Cover frame







Size 7

32W/4400lm	8W/1100lm (Narrow spot)
------------	-------------------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights		Directional luminaires	
	Wide flood		Narrow spot
	Extra wide flood		Spot
Lens wallwashers			Flood
	Wallwash		

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

\* available on request

Article numbers and planning data:  
[www.erco.com/014092](http://www.erco.com/014092)

Design and application:  
[www.erco.com/quintessence-square](http://www.erco.com/quintessence-square)









## Quintessence Pinhole – Pinpoint accentuation

### Minimalist, precise directional spotlights for brilliant effects in the shop

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 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. Quintessence Pinhole directional spotlights epitomise

the approach of 'light instead of luminaire' to guide the attention of the customer.

### Related ranges



**Quintessence Pinhole Basic**  
Recessed luminaires  
Page 340



**Quintessence round**  
Recessed luminaires  
Page 318

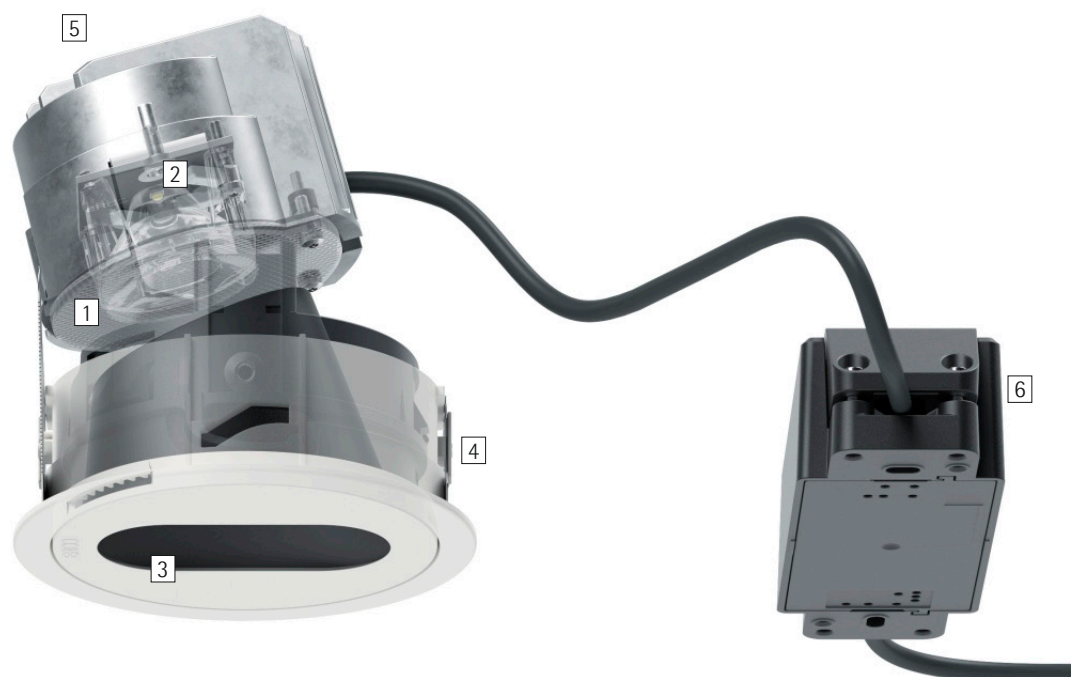


**Quintessence round**  
Recessed spotlights, recessed floodlights  
Page 252



**Quintessence square**  
Recessed spotlights, recessed floodlights  
Page 258

## Quintessence Pinhole Recessed luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distribution: narrow spot

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Cover with anti-glare cone

- White
- Light emission aperture 72x35mm, interior black
- Cut-off angle 50°
- Polymer

#### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 5 Housing

- Cast aluminium, designed as heat sink
- 0°-30° tilt.
- Fixing ring: polymer, black
- Rotatable through 360°. Angle of rotation lockable

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Cover and mounting ring: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-ph](http://www.erco.com/quintessence-ph)

## Quintessence Pinhole Recessed luminaires



**Covered or flush mounting detail**  
For minimalist designs, ERCO also offers luminaires with flush mounting details.



**Very high visual comfort**  
ERCO has developed luminaires with special housing designs and highquality optical components specifically for demanding visual tasks to provide enhanced visual comfort.

### Special characteristics



Excellent visual comfort



Flush or covered mounting detail



ERCO high-power LEDs



Efficient Spherolit technology



Cut-off 50°



Different light colours



Excellent thermal management



EMC-optimised



Lockable



Tool-free mounting



Switchable



Phase dimmable



DALI dimmable

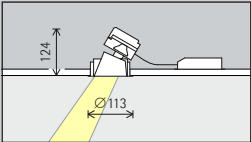


Casambi Bluetooth



# Quintessence Pinhole Recessed luminaires

Construction size Size 3



LED module  
Maximum value  
at 4000K CRI 82

2W/275lm
3W/410lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Directional luminaires
Narrow spot

Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Colour (housing)

	White
	10,000 colours *

Accessories

	Concrete mounting enclosure		Spacer plate		Compensation set
	Mounting ring		Mounting plate for panelled ceilings		Cover ring



\* available on request

Article numbers and planning data:  
[www.erco.com/017290](http://www.erco.com/017290)

Design and application:  
[www.erco.com/quintessence-ph](http://www.erco.com/quintessence-ph)







## Quintessence Pinhole Basic – Pinpoint accentuation

### **Minimalist, precise directional spotlights for brilliant effects in the shop**

Quintessence Pinhole Basic 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 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. Quintessence Pinhole Basic directional spotlights epitom-

ise the approach of 'light instead of luminaire' to guide the attention of the customer.

### Related ranges



**Quintessence Pinhole**  
Recessed luminaires  
Page 334



**Quintessence round**  
Recessed luminaires  
Page 318



**Quintessence round**  
Recessed spotlights, recessed floodlights  
Page 252



**Quintessence square**  
Recessed spotlights, recessed floodlights  
Page 258





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distribution: spot

### 2 ERCO LED-module

- Chip-on-board LED: warm white (2700K or 3000K), neutral white (3500K or 4000K) or Fashion (3000K)
- Collimating lens made of optical polymer

### 3 Cover with anti-glare cone

- White
- Light emission aperture 72x35mm, interior black
- Cut-off angle 30°
- Polymer

### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

### 5 Housing

- Cast aluminium, designed as heat sink
- 0°-30° tilt.
- Fixing ring: polymer, black
- Rotatable through 360°. Angle of rotation lockable

### 6 Control gear

- Switchable or DALI dimmable

## Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Cover and mounting ring: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-ph-basic](http://www.erco.com/quintessence-ph-basic)

## Quintessence Pinhole Basic Recessed luminaires



**Covered or flush mounting detail**  
For minimalist designs, ERCO also offers luminaires with flush mounting details.



**Very high visual comfort**  
ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.

### Special characteristics



Excellent visual comfort



Flush or covered mounting detail



ERCO chip-on-board LED



Efficient Spherolit technology



Cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Lockable



Tool-free mounting



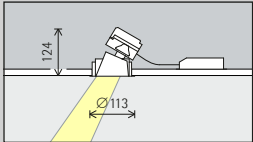
Switchable



DALI dimmable

# Quintessence Pinhole Basic Recessed luminaires

Construction size Size 3



LED module  
Maximum value  
at 4000K CRI 82

10W/1635lm

Light colour

	2700K CRI 82		3500K CRI 92
	2700K CRI 92		4000K CRI 82
	3000K CRI 82		4000K CRI 92
	3000K CRI 92		Fashion

Light  
distribution

Directional luminaires	
	Spot

Control

	Switchable
	DALI

Colour (housing)

	White
	10,000 colours *

Accessories

	Concrete mounting enclosure		Spacer plate		Compensation set
	Mounting ring		Mounting plate for panelled ceilings		Cover ring

\* available on request

Article numbers and planning data:  
[www.erco.com/019320](http://www.erco.com/019320)

Design and application:  
[www.erco.com/quintessence-ph-basic](http://www.erco.com/quintessence-ph-basic)











## Atrium double focus – Sophisticated light for high rooms

### The lighting tool for perfectly glare-free light from the ceiling

Atrium double focus downlights are especially suitable for high rooms thanks to their high luminous flux and specific light distributions. The lens systems consisting of a collimator and Spherolit lens generate narrow downlight distributions, or as wall-washers create efficient, precise and highly uniform vertical lighting even at small distances to the wall. The black anti-glare cone achieves a discreet appearance with all versions, and also minimises the glare for high visual comfort

when looking into the luminaire. Concentrated general lighting is thus created in low rooms. For rooms with inclined ceilings, a recessed version is available that compensates for inclination angles up to 30°. 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.

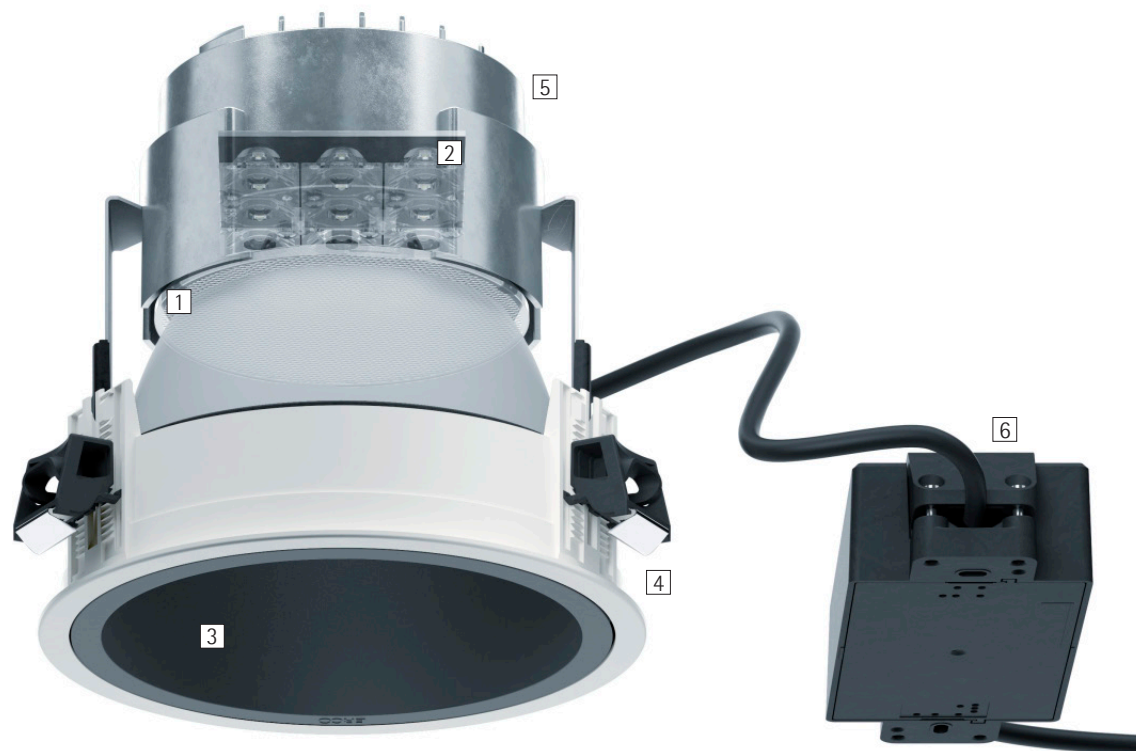
### Related ranges



**Atrium double  
focus**  
Surface-mounted  
luminaires  
Page 416



**Atrium double  
focus**  
Pendant luminaires  
Page 472



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: flood, wide flood or wallwash

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Anti-glare cone

- Optical cut-off 40°
- Black lacquered

or

### Anti-glare ring (double-focus for inclined ceilings)

- Cast aluminium or polymer, external white, internal black

### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm (size 3-4) or 1-30mm (size 5-10)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

### 5 Housing

- Cast aluminium, designed as heat sink
- Rotatable through 360°
- For inclined ceilings: 0°-30° tilt. Lockable angles of tilt and rotation

### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

## Variants on request

- Anti-glare cone: coated matt gold, matt silver or matt champagne
- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Mounting ring: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/atrium-df](http://www.erco.com/atrium-df)

## Atrium double focus Recessed luminaires



### Outstanding uniformity

To meet the stringent standards of vertical illuminance, ERCO has developed luminaires specifically to produce exceptionally uniform levels of illuminance.



### Very high visual comfort

ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Wallwashing for high rooms

Multi-storey spaces pose specific lighting challenges. Previously, wallwashers had to be mounted in very high-ceilinged rooms at a disproportionately great distance from the wall; however, the ideal position for the recently developed Atrium double-focus wallwashers is now at a distance of only one fifth of the height of the room.



### Also suitable for sloping ceilings

As variants with a pivot angle of up to 30°, double focus downlights can also be mounted in sloping ceilings.



### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.

### Special characteristics

	Excellent visual comfort
	Outstanding uniformity
	Wallwashing for high rooms
	For inclined ceilings
	Flush or covered mounting detail



ERCO high-power LEDs



Efficient Spherolit technology



Optical cut-off 40°



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Lockable



Tool-free mounting



Switchable



Phase dimmable



DALI dimmable

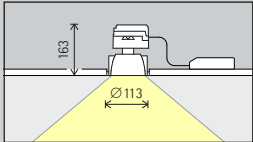


Casambi Bluetooth

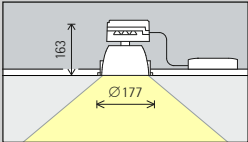


Atrium double focus Recessed luminaires

Construction size



Size 3



Size 5

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm
10W/1230lm

18W/2475lm
28W/3690lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Downlights	Lens wallwashers
Flood	Wallwash
Wide flood	

Downlights	Lens wallwashers
Flood	Wallwash
Wide flood	

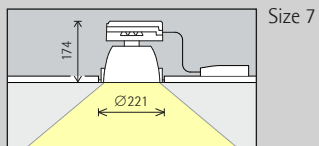
Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Accessories

	Concrete mounting enclosure		Spacer plate		Compensation set
	Mounting ring		Mounting plate for panelled ceilings		Cover ring



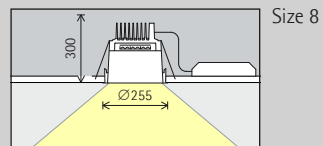
Size 7

24W/3300lm
38W/4920lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights	Lens wallwashers
Flood	Wallwash
Wide flood	

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth



Size 8

48W/6390lm
76W/8990lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights
Flood
Wide flood

	Switchable
	DALI

\* available on request

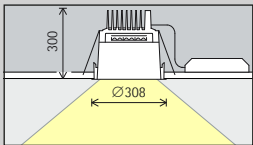
Article numbers and planning data:  
[www.erco.com/014930](http://www.erco.com/014930)

Design and application:  
[www.erco.com/atrium-df](http://www.erco.com/atrium-df)



Atrium double focus Recessed luminaires

Construction size









Size 10



LED module  
Maximum value  
at 4000K CRI 82

72W/9580lm
114W/13480lm


Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92







Light  
distribution

Downlights	
	Flood
	Wide flood

Control

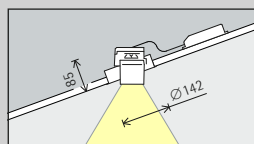
	Switchable
	DALI

Accessories

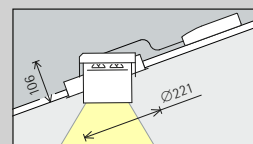
	Concrete mounting enclosure		Mounting plate for panelled ceilings
	Mounting ring		Compensation set
	Spacer plate		Cover ring

# Atrium double focus Recessed luminaires

## Construction size



Size 2



Size 4

## LED module

Maximum value  
at 4000K CRI 82

6W/825lm

10W/1230lm

24W/3300lm

38W/4920lm

## Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

	Downlights
	Flood
	Wide flood

	Downlights
	Flood
	Wide flood

## Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

\* available on request

Article numbers and planning data:  
[www.erco.com/014930](http://www.erco.com/014930)

Design and application:  
[www.erco.com/atrium-df](http://www.erco.com/atrium-df)









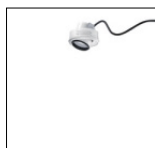
## Starpoint – Filigree and efficient

### **Recessed luminaires for sales-rooms, hotels, restaurants and homes**

Integrated unobtrusively as a filigree light source into the ceiling, the downlight of the Starpoint range provides efficient ambient lighting. Using the wide light distribution, it illuminates large areas, whereas the oval version marks out pathways. The shallow recess depth of the luminaire makes for a very discreet appearance that proves an optimal fit in the home. The lumen package of Starpoint downlights lends itself particularly for use in hotel rooms or homes. With

covered or flush mounting detail, the luminaire caters to different design solutions..

### **Related ranges**



**Starpoint**  
Recessed spot-  
lights, recessed  
floodlights  
Page 264



**Starpoint**  
Surface-mounted  
luminaires  
Page 422



**Starpoint**  
Pendant lumin-  
aires  
Page 478



**Starpoint**  
Wall-mounted  
luminaires  
Page 530



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 3 Anti-glare cone

- Optical cut-off 30°
- Polymer, black

### 4 Housing

- Cast aluminium, powder-coated, designed as heat sink
- Covered mounting detail: Fixing springs for ceiling thicknesses of 1-25mm. Mounting ring, cast aluminium, white
- Flush mounting detail: mounting for ceiling thicknesses of 12.5-25mm. Mounting ring: polymer, white

### 5 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

- Light colours: 2700K or 4000K with CRI 90
  - Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/starpoint](http://www.erco.com/starpoint)



## Starpoint Recessed luminaires



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Covered or flush mounting detail

Depending on the mounting ring, either a flush or overlapping mounting detail is created.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics

UGR	For office workstation lighting from UGR 8.4
	Small luminaire dimensions
	Flush or covered mounting detail
	Shallow recess depth



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Tool-free mounting



Switchable



Phase dimmable



DALI dimmable

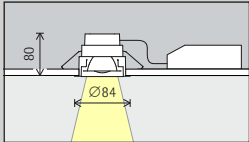


Casambi Bluetooth



Starpoint Recessed luminaires

Construction size







Size 2




LED module  
Maximum value  
at 4000K CRI 80

8W/830lm
----------





Light colour

	2700K CRI 90 *		4000K CRI 80
	3000K CRI 90		4000K CRI 90 *





Light  
distribution

Downlights		Downlights oval flood	
	Wide flood		Oval flood
	Extra wide flood		

Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Accessories

	Concrete mounting enclosure		Compensation set
	Mounting plate for panelled ceilings		Cover ring



Daelim Acro Model House, Seoul.  
Photographer:  
Sebastian Mayer,  
Berlin.

\* available on request

Article numbers and planning data:  
[www.erco.com/015214](http://www.erco.com/015214)

Design and application:  
[www.erco.com/starpoint](http://www.erco.com/starpoint)









## Skim – Lighting design for any architecture

**The low-cost recessed luminaire for office and general lighting**  
Clear, simple and compact: Skim recessed luminaires combine unique aesthetics with superior quality of light, and that at an outstanding price to performance ratio. Designed to excel in effective illumination of offices, corridors, foyers and traffic zones in administration buildings, the versatile range masters applications in retail projects or hotels just as comfortably. Covering a diversity of sizes, lumen categories and distribution options, Skim is a compact point light that offers

an aesthetic alternative to linear fluorescent luminaires. The specially developed lens system made of optical polymer provides efficient and homogeneous light with superior glare control, as the magic of the lens will have the observer fascinated. Depending on the light distribution, Skim ensures pleasant general lighting with wide luminaire spacing at an affordable price or else, ergonomic light with optimum glare control that complies with the lighting standards required for office workplaces. Skim luminaires are optionally available in black or white; the integrated

mounting frame guarantees quick installation at low cost.

### Related ranges



**Skim**  
for track  
220-240V  
Page 224



**Skim**  
Surface-mounted  
luminaires  
Page 428





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood

### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

### 3 Anti-glare cone

- White (RAL9016) or black
- Optical cut-off 30°
- Polymer
- With covered mounting detail

### 4 Housing

- Cast aluminium, designed as heat sink
- Folding spring fixing for ceiling thicknesses of up to 25mm (size 3) or 40mm (size 5)

### 5 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/skim](http://www.erco.com/skim)

## Skim Recessed luminaires



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

### Special characteristics

**UGR** For office workstation lighting from UGR 14.3

**Shallow recess depth**



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Tool-free mounting



Very good price performance ratio



Switchable



Phase dimmable



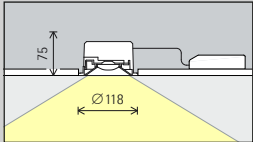
DALI dimmable



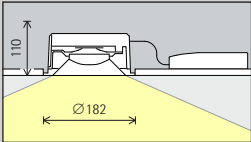
Casambi Bluetooth

Skim Recessed luminaires

Construction size



Size 3



Size 5

LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm
13W/1640lm

18W/2475lm
28W/3690lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Downlights	Downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Downlights	Downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Colour  
(anti-glare cone)

	White
	Black

	White
	Black

Accessories

	Concrete mounting enclosure		Cover ring
	Compensation set		



International  
Airport, Sydney.  
Lighting and elec-  
trical design:  
Aurecon Sydney,  
Sydney. Photogra-  
pher: Jackie Chan,  
Sydney.

Article numbers and planning data:  
[www.ercos.com/014686](http://www.ercos.com/014686)

Design and application:  
[www.ercos.com/skim](http://www.ercos.com/skim)









## Compact – Efficient and economical

**Its combination of visual comfort and recess depth is unique. Compact breaks new ground in illumination – Compact, simply unique**

New possibilities arise when people break new ground. Compact is a previously unseen combination of excellent visual comfort and particularly shallow recess depth. Its different light distributions of extra wide flood and oval flood enable all-round use in offices and administrative buildings as much as in salesrooms.

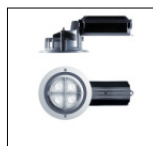
The luminaire's unique oval flood beam lends itself particularly to the

illumination of tables and traffic zones. Even broad and uniform illumination of vertical surfaces is possible using the wallwashers. This provides the creative designer with a range of differentiated lighting tools for efficient visual comfort even in areas where compact downlights are required.

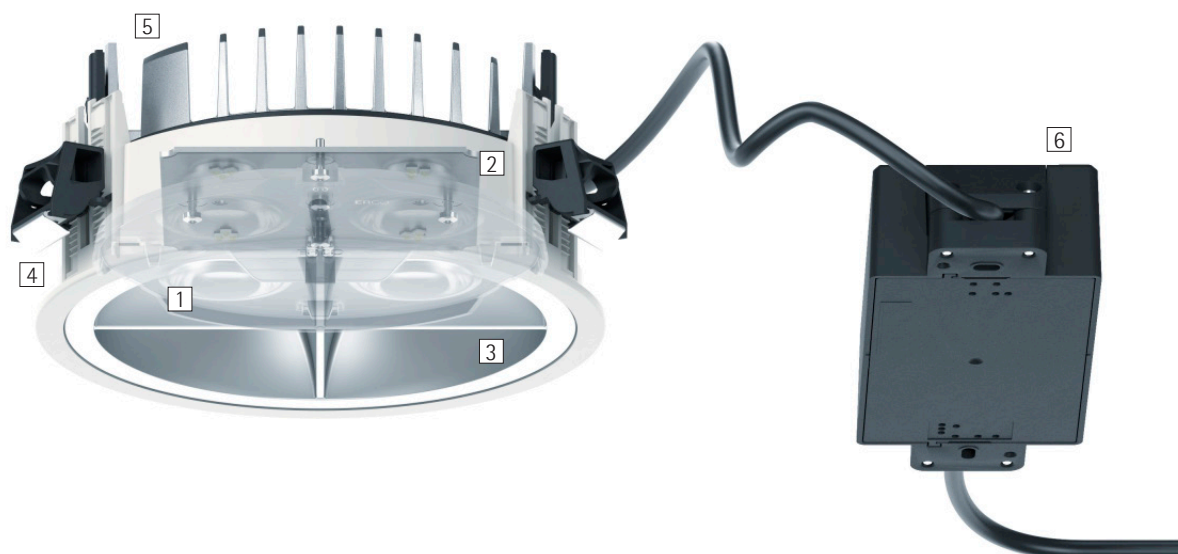
### Related ranges



**Compact**  
Surface-mounted  
luminaires  
Page 738



**Compact**  
Recessed luminaires  
Page 724



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood, oval flood, wallwash or double wallwash

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Anti-glare ring with cross baffle

- Optical cut-off 30°
- Polymer, aluminium vaporised, silver, ribbed

or

#### Wallwasher reflector

- Optical cut-off 30° or 40°
- Polymer or metal, aluminium vaporised, silver, ribbed, with diffuser on the underside

#### 4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1–25mm (size 3-4) or 1–30mm (size 5-8)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5–25mm

#### 5 Housing

- Cast aluminium, designed as heat sink
- Rotatable through 360°

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

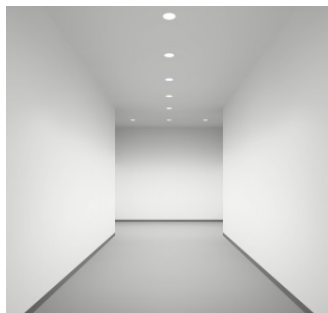
- Anti-glare ring with cross baffle: coated matt gold, matt silver or matt champagne
- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
- Mounting ring: 10,000 further colours
- Ceiling channel system

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compact](http://www.erco.com/compact)

## Compact Recessed luminaires



### Double wallwasher

The special light distribution of the double wallwashers efficiently illuminates the opposite walls of corridors. The diffuse, reflected light from the walls also illuminates the floor and ceiling.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



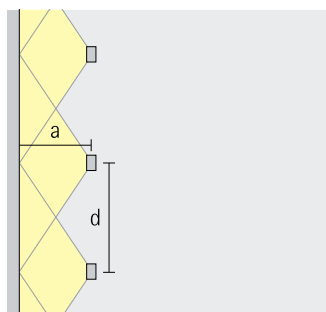
### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.



### Wide luminaire spacing with wallwashing

Efficient ERCO photometrics allow certain luminaires to be spaced unusually far apart at up to 1.5 times the distance to wall.

### Special characteristics

UGR	For office workstation lighting from UGR 12.1
	Double wallwasher
	Flush or covered mounting detail
	Shallow recess depth
	Wide luminaire spacing with wallwashing

	ERCO high-power LEDs
	Efficient lens system
	Optical cut-off 30°/40°
	Different light colours

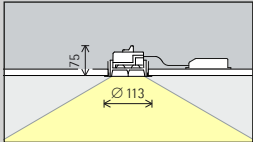
	Excellent thermal management
	EMC-optimised
	Various construction sizes
	Tool-free mounting

	Switchable
	Phase dimmable
	DALI dimmable
	Casambi Bluetooth

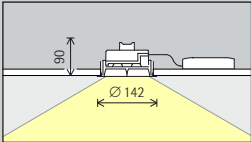


Compact Recessed luminaires

Construction size



Size 3



Size 4

LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm
-----------

16W/2200lm
------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Downlights	Lens wallwashers
Extra wide flood	Wallwash
Downlights oval flood	
Oval flood	

Downlights	Lens wallwashers
Extra wide flood	Wallwash
Downlights oval flood	Double wallwashers
Oval flood	Double Wallwash

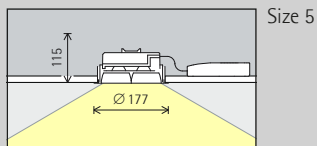
Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Accessories

	Concrete mounting enclosure		Spacer plate		Compensation set
	Mounting ring		Mounting plate for panelled ceilings		Cover ring



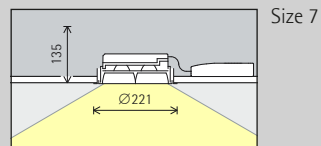
Size 5

24W/3300lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights	Lens wallwashers
Extra wide flood	Wallwash
Downlights oval flood	Double wallwashers
Oval flood	Double Wallwash

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth



Size 7

32W/4400lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights	Lens wallwashers
Extra wide flood	Wallwash
Downlights oval flood	
Oval flood	

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

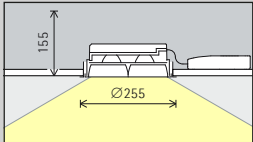
Article numbers and planning data:  
[www.erco.com/013681](http://www.erco.com/013681)

Design and application:  
[www.erco.com/compact](http://www.erco.com/compact)



Compact Recessed luminaires







Construction size Size 8






LED module  
Maximum value  
at 4000K CRI 82

40W/5500lm



Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92







Light  
distribution

Downlights		Lens wallwashers	
	Extra wide flood		Wallwash
Downlights oval flood			
	Oval flood		

Control

	Switchable
	DALI

Accessories

	Concrete mounting enclosure		Mounting plate for panelled ceilings
	Mounting ring		Compensation set
	Spacer plate		Cover ring



Brookfield Place  
Tower 2, Perth.  
Lighting design:  
Lighting Options  
Australia, Perth.  
Photography:  
Matt Devlin, Perth.

Article numbers and planning data:  
[www.erco.com/013681](http://www.erco.com/013681)

Design and application:  
[www.erco.com/compact](http://www.erco.com/compact)









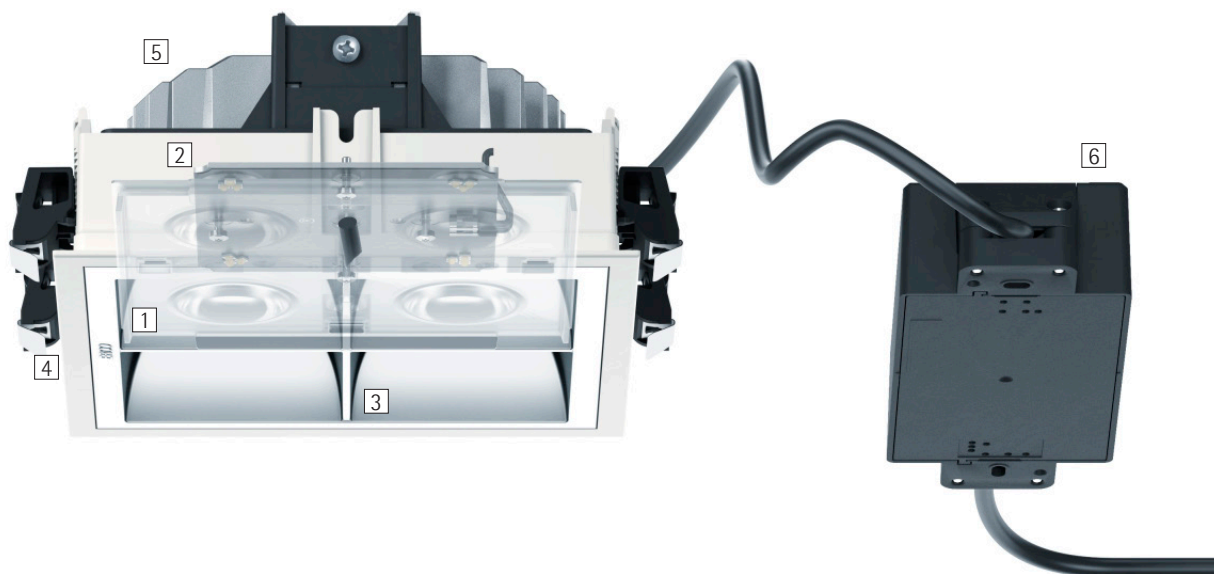
## Quadra – Efficient and architectonic

### **The tool for special lighting tasks. Quadra enhances architecture**

Architecture must inspire, and Quadra is a great tool with this in mind. Its simple elegance in combination with innovative and highly efficient photometrics makes this a valuable tool in modern lighting design. A particularly shallow recess depth and very efficient visual comfort suggest Quadra for administrative buildings and offices as well as for sales areas and private homes.

Its extra wide flood and oval flood light distributions enable broad

use for efficient ambient lighting – even in refurbishment and renovation projects. Thanks to its geometric shape, Quadra also excels at wallwashing with large axial spacing without disturbing light emitted towards the room – all the while boasting a high luminaire efficiency rating.



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood, oval flood, wallwash or double wallwash

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Anti-glare frame with cross baffle

- Optical cut-off 30°
- Polymer, aluminium vaporised, silver, ribbed

or

#### Wallwasher reflector

- Optical cut-off 40°
- Metal, aluminium vaporised, silver, ribbed, with diffuser on the underside

#### 4 Mounting frame

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 5 Housing

- Cast aluminium, designed as heat sink

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

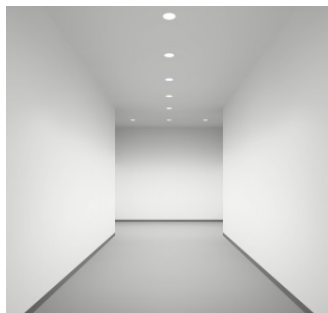
#### Variants on request

- Anti-glare frame with cross baffle: coated matt gold, matt silver or matt champagne
  - Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Mounting frame: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quadra](http://www.erco.com/quadra)

## Quadra Recessed luminaires



### Double wallwasher

The special light distribution of the double wallwashers efficiently illuminates the opposite walls of corridors. The diffuse, reflected light from the walls also illuminates the floor and ceiling.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



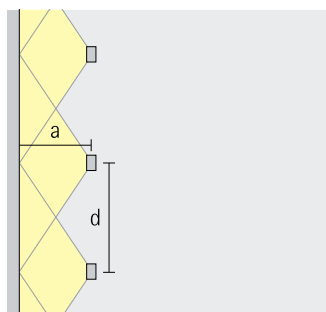
### Covered or flush mounting detail

As standard, all recessed luminaires have overlapping installation details. Flush mounting frames are available as accessories.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.



### Wide luminaire spacing with wallwashing

Efficient ERCO photometrics allow certain luminaires to be spaced unusually far apart at up to 1.5 times the distance to wall.

### Special characteristics

UGR	For office workstation lighting from UGR 11.1
	Double wallwasher
	Flush or covered mounting detail
	Shallow recess depth
	Wide luminaire spacing with wallwashing



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°/40°



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Tool-free mounting



Switchable



Phase dimmable



DALI dimmable

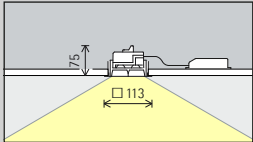


Casambi Bluetooth

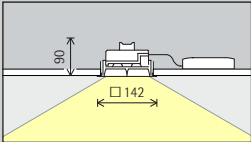


Quadra Recessed luminaires

Construction size



Size 3



Size 4

LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm

16W/2200lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Downlights	Lens wallwashers
Extra wide flood	Wallwash
Downlights oval flood	
Oval flood	

Downlights	Lens wallwashers
Extra wide flood	Wallwash
Downlights oval flood	Double wallwashers
Oval flood	Double Wallwash

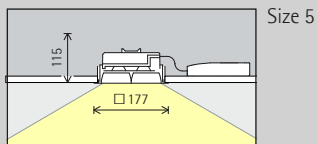
Control

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth







Accessories





	Concrete mounting enclosure		Mounting frame, 2x		Mounting plate for panelled ceilings
	Mounting frame		Spacer plate		Cover frame



Size 5

24W/3300lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights		Lens wallwashers	
	Extra wide flood		Wallwash
Downlights oval flood		Double wallwashers	
	Oval flood		Double Wallwash

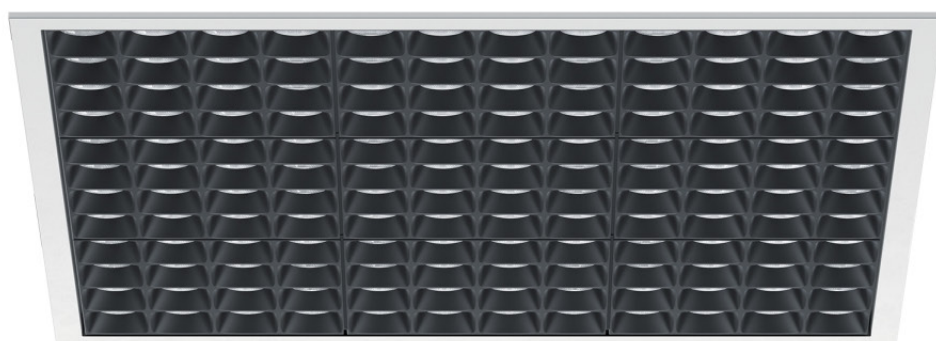
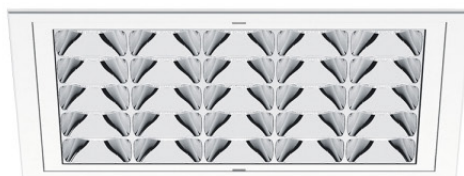
	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

Article numbers and planning data:  
[www.erco.com/013749](http://www.erco.com/013749)

Design and application:  
[www.erco.com/quadra](http://www.erco.com/quadra)







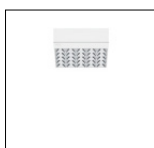
## Jilly square – The versatile light for modern work

### An independent design for efficient and ergonomic light in offices

With Jilly recessed luminaires, the Jilly range offers a particularly efficient solution for standard-compliant office workplace lighting. The concise appearance with striking anti-dazzle louvre make Jilly 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. The wattage and light distribution

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

### Related ranges



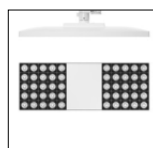
**Jilly square**  
Surface-mounted  
luminaires  
Page 434



**Jilly linear**  
Recessed luminaires  
Page 386



**Jilly linear**  
Pendant luminaires  
Page 484



**Jilly**  
for track  
220-240V  
Page 230





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

#### 2 ERCO LED-module

- Mid-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

#### 4 Housing

- Polymer, white
- Size 14: mounting for ceiling thicknesses of 1-45mm. Covered mounting detail

#### 5 Mounting frame (size 5)

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-30mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

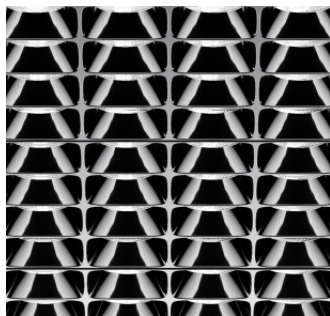
- Mid-power LEDs: 2700K, 3000K, 3500K or 4000K with CRI 92
- Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
- Housing: 10,000 further colours
- Cassette for system ceilings, e.g. 600x600

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-square](http://www.erco.com/jilly-square)

## Jilly square Recessed luminaires



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Shallow recess depth

For compact mounting situations, ERCO has developed luminaires with a shallow recess depth to provide excellent light quality in areas with limited installation space.

### Special characteristics

UGR	For office workstation lighting from UGR 14.5
	Improved visual comfort
	Shallow recess depth

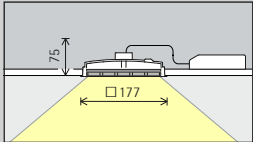
	ERCO mid-power LEDs
	Efficient lens system
	Different light colours

	Excellent thermal management
	EMC-optimised
	Various construction sizes
	Tool-free mounting

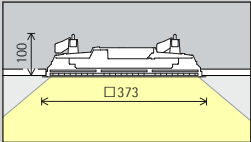
	Switchable
	Phase dimmable
	DALI dimmable
	Casambi Bluetooth

Jilly square Recessed luminaires

Construction size



Size 5



Size 14

LED module  
Maximum value  
at 4000K CRI 82

10W/1535lm
------------

36W/6735lm
------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

Light  
distribution

Downlights	Downlights oval wide flood
Extra wide flood	Oval wide flood

Downlights
Extra wide flood

Control

Switchable	DALI
Phase dimmable	Casambi Bluetooth

Switchable
DALI

Colour (louvre)

	Silver
	Black

	Silver
	Black

Accessories

	Reinforcing profile		Mounting frame
	Concrete mounting enclosure		Mounting plate for panelled ceilings
	Spacer plate		Cover frame



\* available on request

Article numbers and planning data:  
[www.erco.com/017875](http://www.erco.com/017875)

Design and application:  
[www.erco.com/jilly-square](http://www.erco.com/jilly-square)









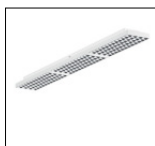
## Jilly linear – The versatile light for modern work

### An independent design for efficient and ergonomic light in offices

With Jilly recessed luminaires, the Jilly range offers a particularly efficient solution for standard-compliant office workplace lighting. The concise appearance with striking anti-dazzle louvre make Jilly 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. The wattage and light distribution

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

### Related ranges



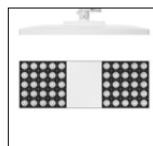
**Jilly linear**  
Surface-mounted  
luminaires  
Page 440



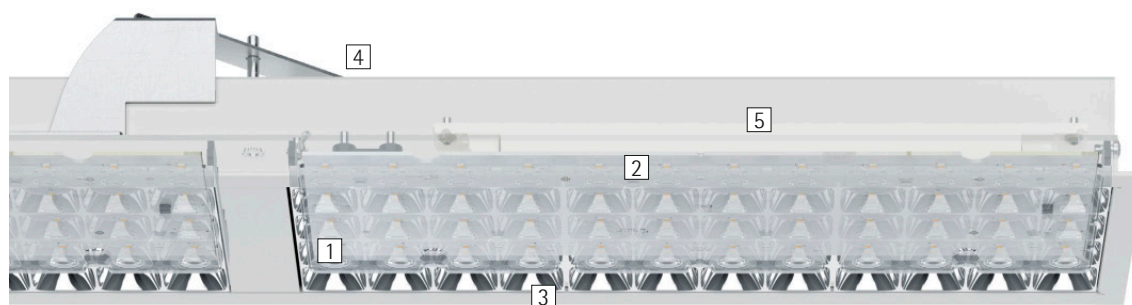
**Jilly square**  
Recessed luminaires  
Page 380



**Jilly linear**  
Pendant luminaires  
Page 484



**Jilly**  
for track  
220-240V  
Page 230



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

#### 2 ERCO LED-module

- Mid-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

#### 4 Housing

- Aluminium profile, powder-coated white
- Fixing for ceiling thicknesses of 1–30mm
- Covered mounting detail

#### 5 Control gear

- Switchable or DALI dimmable

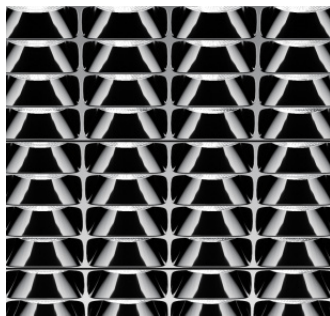
### Variants on request

- Mid-power LEDs: 2700K, 3000K, 3500K or 4000K with CRI 92
  - Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-linear](http://www.erco.com/jilly-linear)

## Jilly linear Recessed luminaires



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Shallow recess depth

For compact mounting situations, ERCO has developed luminaires with a shallow recess depth to provide excellent light quality in areas with limited installation space.

### Special characteristics

UGR	For office workstation lighting from UGR 14.0
	Improved visual comfort
	Shallow recess depth



ERCO mid-power LEDs



Efficient lens system



Different light colours



Excellent thermal management



EMC-optimised



Tool-free mounting



Switchable

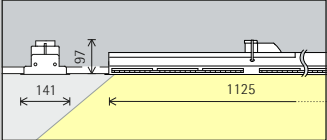


DALI dimmable



Jilly linear Recessed luminaires

Construction size









1125mm

LED module



Maximum value  
at 4000K CRI 82

36W/6735lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *


Light distribution

Downlights	Downlights oval wide flood
 Extra wide flood	 Oval wide flood

Control

	Switchable
	DALI

Colour (louvre)

	Silver
	Black



\* available on request

Article numbers and planning data:  
[www.erco.com/017876](http://www.erco.com/017876)

Design and application:  
[www.erco.com/jilly-linear](http://www.erco.com/jilly-linear)







## Compar linear – Powerhouse for linear aesthetics

**Differentiated light from the ceiling in an innovative design**  
Compar gives architects, lighting designers and engineers broad scope for creative precision: With this range of innovative recessed luminaires, ERCO has extended the spectrum of round and square recessed lighting tools with a striking linear design. The slim luminaires – available from a width of 52mm – offer a subtle decorative detail in the ceiling whilst providing extremely efficient lighting tools with high standards of visual comfort. Variable light distribution options for differentiated

general and office lighting make Compar an ideal solution for any high-quality architectural environment. Compar is an aesthetic alternative to conventional linear luminaires and fluorescent lamps, making it superb for individual, ceiling-integrated lighting concepts in administration buildings, restaurants, cultural facilities and offices.

### Related ranges



**Compar linear**  
Surface-mounted  
luminaires  
Page 452



**Compar square**  
Surface-mounted  
luminaires  
Page 446

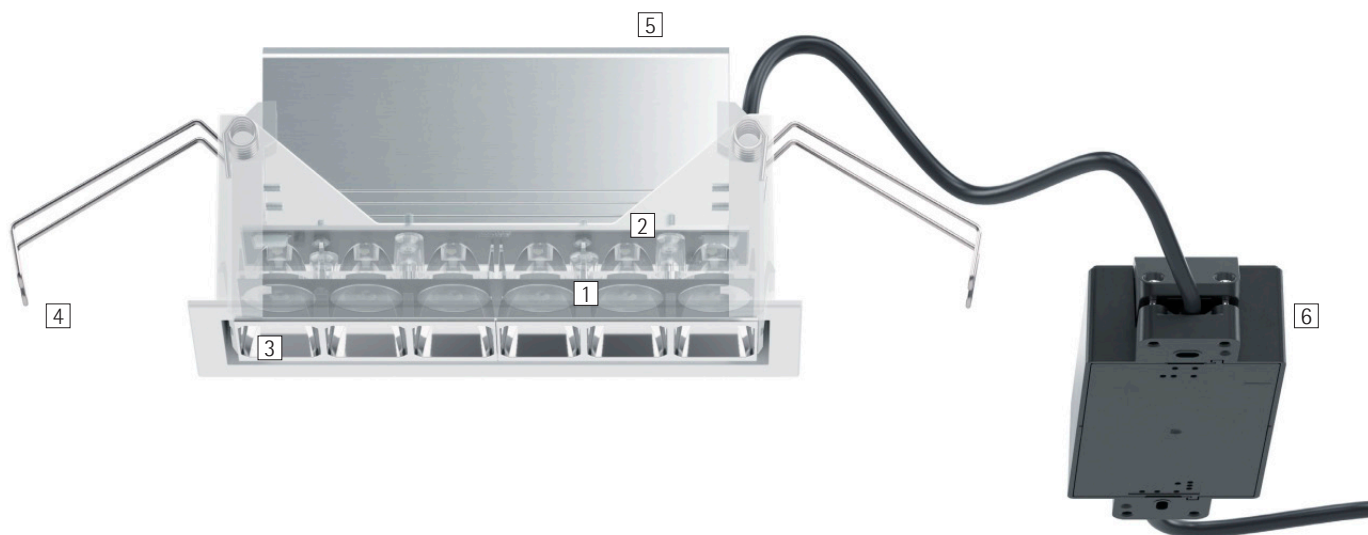


**Compar linear**  
Pendant luminaires  
Page 490



**Compar**  
for track  
220-240V  
Page 236





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: spot, flood, wide flood, extra wide flood, oval wide flood or oval flood

or

#### Reflector (lens wallwasher)

- Polymer, silver vaporised, mirror-finish
- Softec lens

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish
- Downlight: cut-off angle 30°
- Wallwasher: cut-off angle 70°

#### 4 Mounting frame

- Covered mounting detail
- Mounting for ceiling thicknesses to max. 40mm
- Polymer, white
- For flush mounting: mounting frame to be ordered separately, fixing for ceiling thicknesses of 12.5–25mm

#### 5 Housing

- Aluminium profile, designed as heat sink

#### 6 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Anti-dazzle louvre: coated matt gold, matt silver or matt champagne
  - Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Mounting frame: 10,000 further colours
  - Ceiling channel system
- Please contact your ERCO consultant.

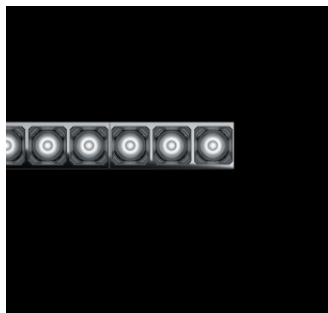


Design and application:  
[www.erco.com/compar-linear](http://www.erco.com/compar-linear)

## Compar linear Recessed luminaires



**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



### Covered or flush mounting detail

Compar recessed downlights are supplied with an overlapping mounting detail. Flush mounting details are available as accessories to facilitate site logistics.



### Shallow recess depth

In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

### Special characteristics



Excellent visual comfort



For office workstation lighting from UGR 13.4



Flush or covered mounting detail



Shallow recess depth



ERCO high-power LEDs



Efficient lens system



Cut-off 30°/70°



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Tool-free mounting



Switchable



Phase dimmable



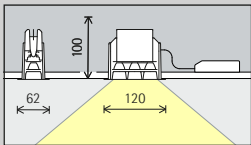
DALI dimmable



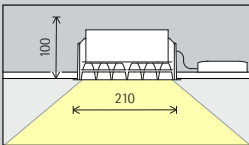
Casambi Bluetooth

Compar linear Recessed luminaires

Construction size



120mm









210mm







LED module  
Maximum value  
at 4000K CRI 82

6W/825lm
10W/1230lm








12W/1650lm
19W/2460lm








Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92




Light  
distribution

Downlights	Downlights oval wide flood
 Spot	 Oval wide flood
 Flood	Downlights oval flood
 Wide flood	 Oval flood
 Extra wide flood	Lens wallwashers
	 Wallwash

Downlights	Downlights oval wide flood
 Spot	 Oval wide flood
 Flood	Downlights oval flood
 Wide flood	 Oval flood
 Extra wide flood	Lens wallwashers
	 Wallwash

Control

 Switchable	 DALI
 Phase dimmable	 Casambi Bluetooth




 Switchable	 DALI
 Phase dimmable	 Casambi Bluetooth

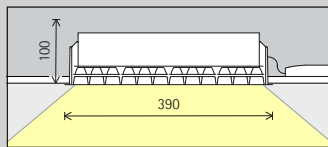
Colour (louvre)

	Silver
	Black

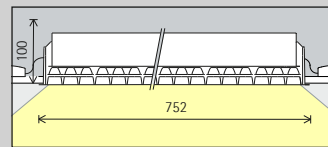
	Silver
	Black

Accessories

	Mounting frame		Suspension for control gear
	Mounting frame for ceiling channels		



390mm



752mm

24W/3300lm

38W/4920lm

48W/6600lm

76W/9840lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Downlights	Downlights oval wide flood
Spot	Oval wide flood
Flood	Downlights oval flood
Wide flood	Oval flood
Extra wide flood	Lens wallwashers
	Wallwash

Downlights	Downlights oval flood
Spot	Oval flood
Flood	Downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	

	Switchable		DALI
	Phase dimmable		Casambi Bluetooth

	Switchable		DALI
	Phase dimmable		

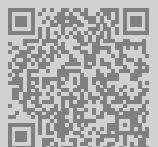
	Silver
	Black

	Silver
	Black

\* available on request

Article numbers and planning data:  
[www.erco.com/016057](http://www.erco.com/016057)

Design and application:  
[www.erco.com/compar-linear](http://www.erco.com/compar-linear)







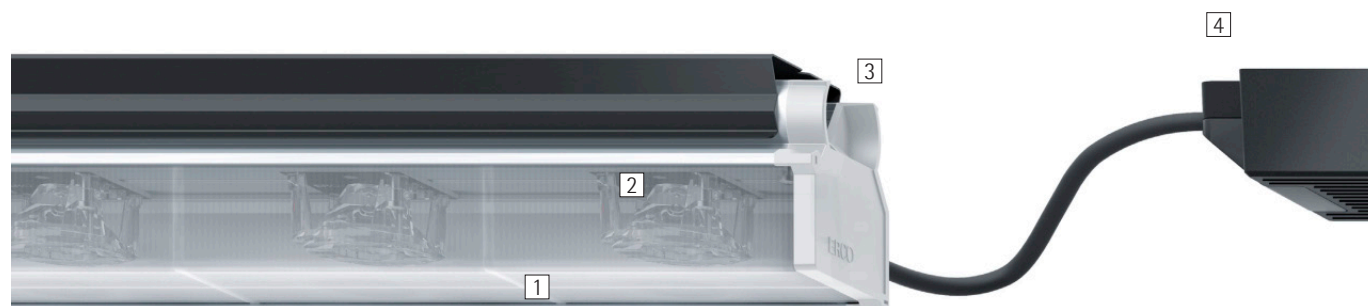


## Lightgap – Emphasising wall structures for a three-dimensional effect

### **Grazing light wallwashers accentuate surface texture on walls**

Lightgap emphasises the tactile qualities of architectural materials. The grazing light wallwasher brings out the finest wood or concrete texture as exquisitely as rough surfaces such as natural stone, thereby enabling the luminaire to set off historic features or regional materials. In contrast to conventional wallwashers which give walls a soft character, Lightgap adds an almost tactile dimension through high-contrast light and shadow effects. With its asymmetrical light distribution, the grazing light wall-

washer can be positioned up to 10cm close to the wall and still produce an exceptionally uniform beam. The luminaire can be tilted conveniently by up to 10° in both directions. The resulting special rendering of vertical illuminance combines strikingly illuminated texture for scenic effect with efficient room lighting for places such as restaurants and hotels.



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Housing

- Aluminium profile
- Arrangement as continuous band of light possible
- Fixing clip: metal, black powder-coated

### 4 Control gear

- Switchable, DALI dimmable or Casambi Bluetooth

### Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



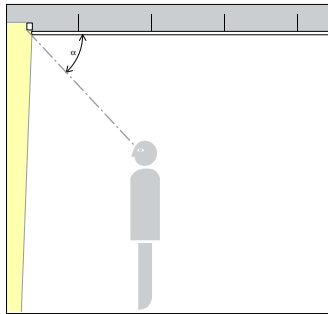
Design and application:  
[www.erco.com/lightgap](http://www.erco.com/lightgap)

## Lightgap Recessed luminaires



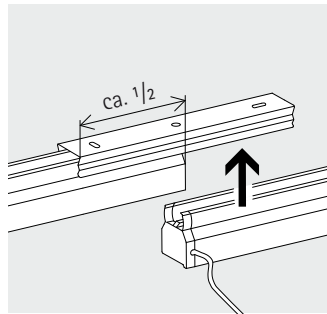
### Grazing light wallwasher

The especially narrow light distribution of the grazing light wallwashers at short distances from the wall displays relief surfaces in a high quality and uniform way.



### Very high visual comfort

Due to the small installation dimensions of Lightgap grazing light wallwashers, the luminaires remain concealed and thus support ideal visual comfort. The shielding angle (α) of Lightgap depends on the ceiling height.



### Continuous line arrangements are possible

Lightgap luminaires can be mounted directly together to achieve a very uniform distribution of brightness on the wall.

### Special characteristics



Excellent visual comfort



Grazing light wallwasher



Continuous line arrangements are possible



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Pivotable by  $\pm 10^\circ$



Very good price performance ratio



Switchable



DALI dimmable

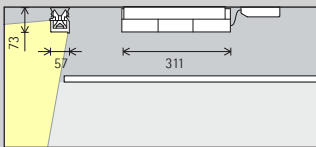


Casambi Bluetooth



Lightgap Recessed luminaires

Construction size









311mm


LED module  
Maximum value  
at 4000K CRI 82

6W/825lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Grazing light wallwashers	
	Grazing light

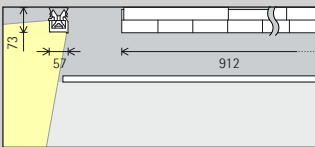
Control

	Switchable
	DALI
	Casambi Bluetooth

Colour (housing)







	White
	10,000 colours *


Construction size






912mm

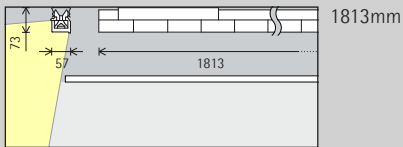
18W/2475lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92







Grazing light wallwashers	
	Grazing light

	Switchable
	DALI
	Casambi Bluetooth


	White
	10,000 colours *





36W/4950lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Grazing light  
wallwashers

 Grazing light

 Switchable

 DALI

 White

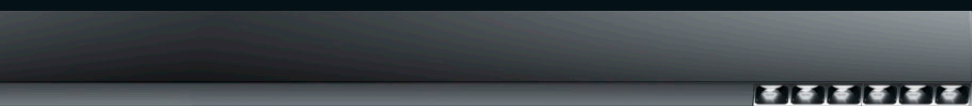
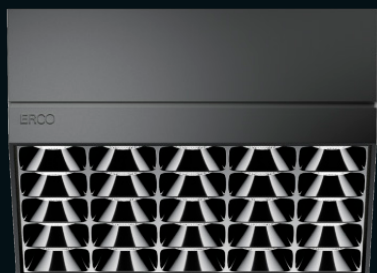
 10,000 colours \*

\* available on request

Article numbers and planning data:  
[www.erco.com/015203](http://www.erco.com/015203)

Design and application:  
[www.erco.com/lightgap](http://www.erco.com/lightgap)





## Pragmatic. Convincing. Surface-mounted luminaires

Very pragmatic considerations often lead to the use of surface-mounted downlights – for example when the space required for recessing conventional downlights is not available in the ceiling. The decision in favour of a lighting concept with surface-mounted downlights considerably reduces the installation complexity, for example in solid ceilings or in existing buildings.



Overview of all ranges from p. 406  
[www.erco.com/downlights-s](http://www.erco.com/downlights-s)



### General lighting for modern offices

- Simple installation onto existing ceiling details
- High visual comfort for pleasant working light
- Easy mounting using optional spacers for surface cabling

Products used:  
**Skim** p. 426

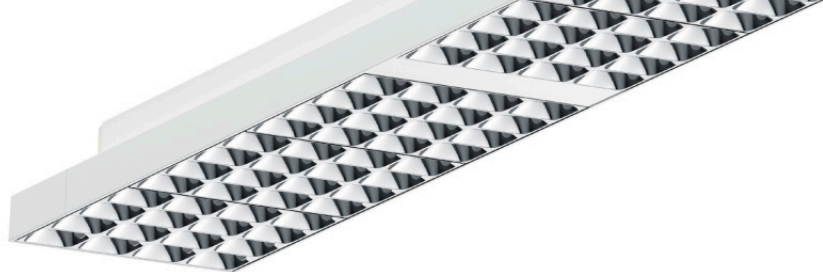


### Economically illuminating public buildings

- Surface-mounted luminaires with downlight characteristics
- Ideal for solid concrete ceilings without recessed installation possibility
- Wide light distributions for large luminaire spacing and low investment costs

Products used:  
**Quintessence** p. 408





## This distinguishes our surface-mounted luminaires

### 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 achieves as low as 0.1%.



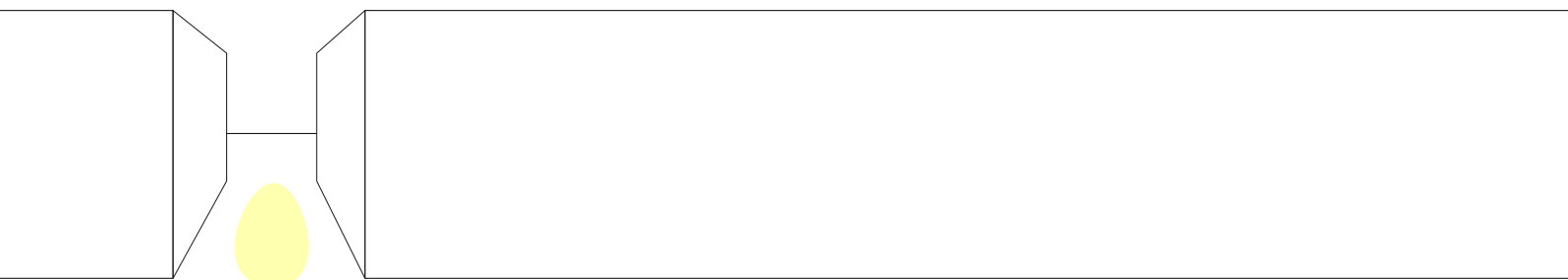
### Round, square or linear

Find the right luminaire shape for every room. Surface-mounted luminaires in round, square or linear design provide a high level of design flexibility.



### Simple installation due to surface-mounted solution

Surface-mounted luminaires are a compact solution for simple mounting on solid ceilings.



Oval flood  
approx. 20°x 60°



Flood  
25° – 35°



Wide flood  
>45°



Extra wide flood  
>80°

### Always the right light distribution

Whatever you wish to illuminate, with ERCO you'll find the right light distribution. From wide beam floodlighting to the efficient illumination of workstations.



## Shallow construction heights

Flat luminaires are discreet and place the focus on the light itself. Low installed heights are particularly useful in low rooms.

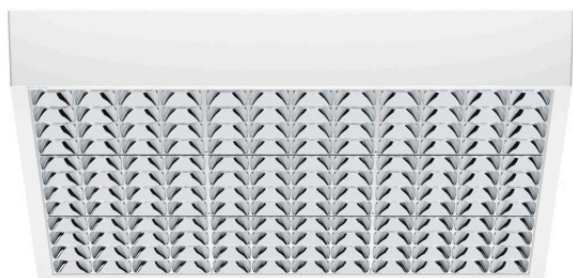


## Various housing colours

Luminaires are available in different colour versions for matching the luminaire colour to the surroundings.

## Customise

"ERCO individual" offers extensive options for customising the product ranges: [erco.com/individual](http://erco.com/individual): [www.erco.com/individual](http://www.erco.com/individual)



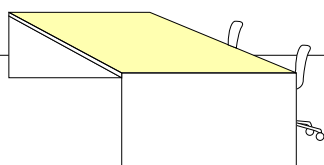
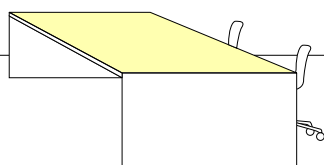
## Various sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer appropriate solutions for a wide variety of lighting tasks.



## Anti-glare louvres for optimum visual comfort

Anti-glare louvres limit the view into the luminaire and enable high visual comfort even at a beam angle of 90°.



Oval wide flood  
approx. 55°x 90°



## Suitable for office workstations

ERCO develops luminaires aimed at good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. This should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



Products with these features can be found on the next page.

## Surface-mounted downlights

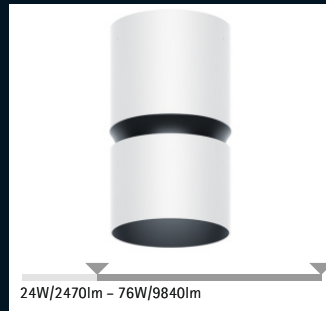
**Quintessence round** 408

Large luminaire spacing

ERCO darklight technology

Very high visual comfort with wide light distributions

Community

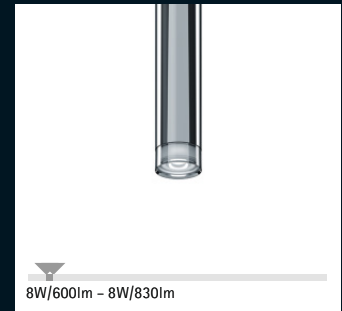
**Atrium double focus** 414

Ideal for high and very high rooms

Large lumen packages for high illuminances

General lighting with large luminaire spacing

Community, Contemplation

**Starpoint** 420

Small luminaire dimensions

Decorative light emission

Available in chrome

Hospitality

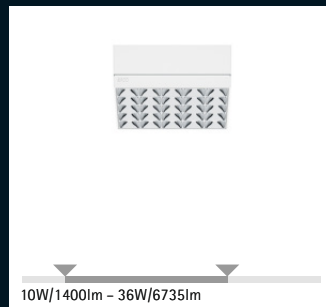
**Skim** 426

For office workstation lighting as of UGR&lt;16

Good price-performance ratio

Magically luminous lens

Work

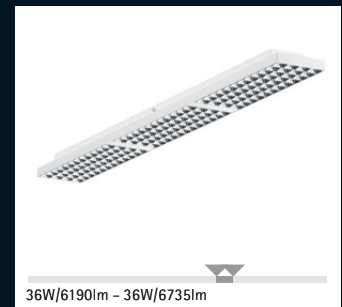
**Jilly square** 432

For office workstation lighting as of UGR&lt;16

Anti-glare louvre in various colours

General lighting with large luminaire spacing

Work

**Jilly linear** 438

For office workstation lighting as of UGR&lt;16

Anti-glare louvre in various colours

Very high visual comfort for working

Work

**Compar square** 444

For office workstation lighting as of UGR&lt;16

Three wattages

Four light distributions

Work

**Compar linear** 450

For office workstation lighting as of UGR&lt;16

Slender profile

Four light distributions

Work









## Quintessence round – The system solution for excellent visual comfort

### The surface-mounted luminaire for uniform light with large luminaire spacing

As a surface-mounted version, Quintessence becomes an aesthetic architectural feature with the photometric properties of a downlight. Quintessence surface-mounted luminaires are designed with integrated control gear, making them ideal for use in rooms with ceilings that do not permit recessed luminaires. Following the system design of its range, surface-mounted luminaires offer the same sizes and lumen packages as recessed downlights. With an emission angle of

90° and a 40° cut-off, Quintessence meets the challenges of efficient ambient lighting masterfully whilst achieving high cylindrical illuminances. Its exceptionally wide beam enables large luminaire spacing with highly uniform illuminance distribution – and excellent glare control.

### Related ranges



**Quintessence round**  
Recessed spotlights, recessed floodlights  
Page 252



**Quintessence round**  
Recessed luminaires  
Page 318



**Quintessence round**  
Pendant luminaires  
Page 466



**Quintessence round**  
Recessed luminaires  
Page 718



## Quintessence round Surface-mounted luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO darklight reflector

- Cut-off angle 40°
- Polymer, aluminium vaporised, mirror-finish

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Diffuser lens

- Made of optical polymer
- Light distribution: extra wide flood

#### 4 Cylinder

- White (RAL9002)
- Aluminium profile, powder-coated
- Ceiling fixture: metal

#### 5 Control gear

- Switchable

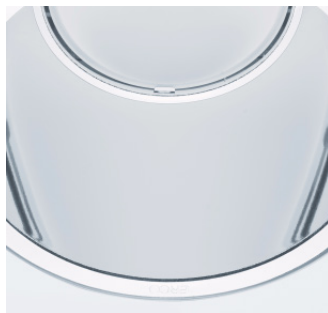
#### Variants on request

- Reflector: coated matt gold, matt silver or matt champagne
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-s](http://www.erco.com/quintessence-s)

## Quintessence round Surface-mounted luminaires



### Very high visual comfort

The darklight reflector combines maximum visual comfort with an optimum light output ratio.

### Special characteristics



Excellent visual comfort



ERCO high-power LEDs



Cut-off 40°



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes

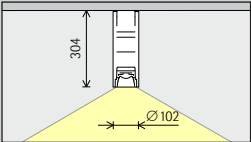


Switchable

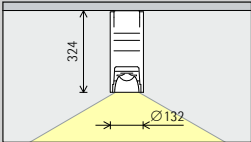


Quintessence round Surface-mounted luminaires

Construction size



Size 3









Size 4







LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm
------------


18W/2475lm
------------


Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92


	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92


Light  
distribution

Surface-mounted downlights
 Extra wide flood

Surface-mounted downlights
 Extra wide flood

Control

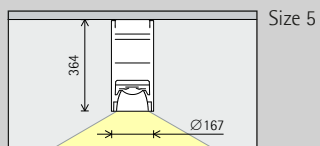
 Switchable
--

 Switchable
---

Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *



Size 5

24W/3300lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

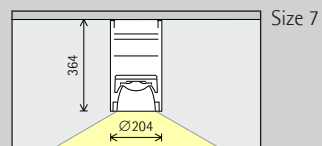
Surface-mounted  
downlights

Extra wide flood

Switchable

White

10,000 colours \*



Size 7

32W/4400lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Surface-mounted  
downlights

Extra wide flood

Switchable

White

10,000 colours \*

\* available on request

Article numbers and planning data:  
[www.erco.com/015734](http://www.erco.com/015734)

Design and application:  
[www.erco.com/quintessence-s](http://www.erco.com/quintessence-s)











## Atrium double focus – Sophisticated light for high rooms

### **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 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 dis-

tributions and thus provides precise illumination from large heights. In addition to recessed luminaires, the family also includes pendant luminaires with an optional indirect light component. All Atrium luminaires have a black anti-glare cone for particularly high visual comfort. The own-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.

### Related ranges



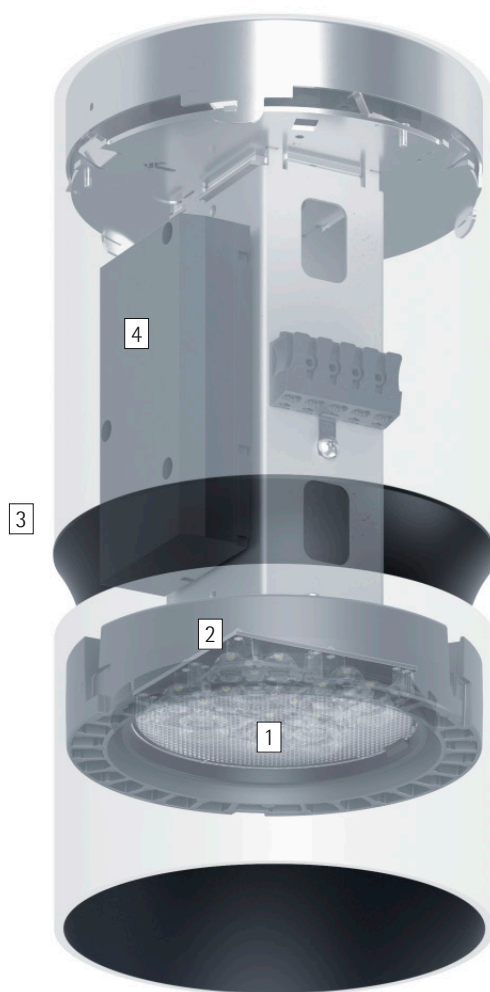
**Atrium double focus**  
Recessed luminaires  
Page 346



**Atrium double focus**  
Pendant luminaires  
Page 472



## Atrium double focus Surface-mounted luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: flood or wide flood

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Cylinder

- White (RAL9002), black or silver
- Cut-off angle 30° or 40°.
- Aluminium profile, powder-coated, inner black-coated
- Cone: polymer, black
- Ceiling fixture: metal

#### 4 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/atrium-df-s](http://www.erco.com/atrium-df-s)

## Atrium double focus Surface-mounted luminaires



### Large lumen packages for very high illuminances

The good glare control of the lens systems enables large lumen packages with high visual comfort.



### Very high visual comfort

ERCO has developed luminaires with special housing designs and high quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Suitable for high rooms

Theatres, atria and lecture halls are usually illuminated from the ceiling and therefore from a large height. Efficient lighting solutions for high rooms have luminaires that project the light precisely onto the surface to be illuminated, in this way avoiding spill light.

### Special characteristics



Excellent visual comfort



Large lumen packages for very high illuminances



for high rooms



ERCO high-power LEDs



Efficient Spherolit technology



Cut-off 30°/40°



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Switchable



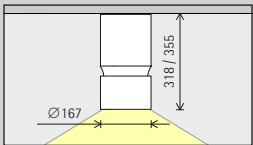
Phase dimmable



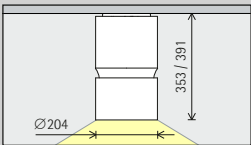
DALI dimmable

Atrium double focus Surface-mounted luminaires

Construction size



Size 5



Size 7

LED module  
Maximum value  
at 4000K CRI 82

24W/3300lm
38W/4920lm

48W/6600lm
76W/9840lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Surface-mounted downlights	
	Flood
	Wide flood

Surface-mounted downlights	
	Flood
	Wide flood

Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *



\* available on request

Article numbers and planning data:  
[www.erco.com/017672](http://www.erco.com/017672)

Design and application:  
[www.erco.com/atrium-df-s](http://www.erco.com/atrium-df-s)





Platinum Hotels

Platinum Hotels



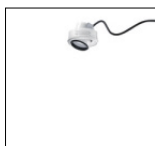
## Starpoint – Striking light cylinder for efficient illumination

### Surface-mounted luminaires for hotels, bars and restaurants

The Starpoint surface-mounted downlight combines the design principles of "ambient luminescence" and "play of brilliants" coined by Richard Kelly. The light beam provides efficient ambient lighting. Using the wide light distribution, it illuminates large areas, whereas the oval version marks out pathways. The luminaire cover with its strikingly illuminated ring creates an effective eye-catcher. The translucent element, which is visible only when illuminated, makes for a subtle decorative detail

in the ceiling – ideal for hotels, bars and restaurants. A chrome version adds a touch of mid-century glamour and lends itself to combination with rough materials such as wood or natural stone, thereby creating a compelling contrast.

### Related ranges



**Starpoint**  
Recessed spotlights, recessed floodlights  
Page 264



**Starpoint**  
Recessed luminaires  
Page 354



**Starpoint**  
Wall-mounted luminaires  
Page 530



**Starpoint**  
Pendant luminaires  
Page 478

## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 3 Translucent ring

- Optical cut-off 30°
- Polymer, clear, outside mirrorfinish vaporised

or

### Anti-glare cone

- Optical cut-off 30°
- Polymer, black

### 4 Cylinder

- White (RAL9002), black or chrome
- Aluminium profile, powder-coated or chromed
- Ceiling fixture: metal

### 5 Control gear

- Phase dimmable
- Dimming with external dimmers possible (trailing edge)

### Variants on request

- Light colours: 2700K or 4000K with CRI 90
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/starpoint-s](http://www.erco.com/starpoint-s)



## Starpoint Surface-mounted luminaires



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Decorative luminaire edge

The translucent ring with Starpoint creates a magical light effect.

### Special characteristics

**UGR** For office workstation lighting from UGR 8.2

**Small luminaire dimensions**

**Decorative luminaire edge**



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Easy installation

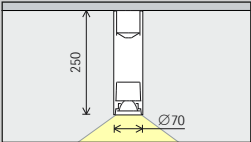


Phase dimmable



Starpoint Surface-mounted luminaires

Construction size



Size 2

LED module  
Maximum value  
at 4000K CRI 80

8W/830lm
----------

Light colour

	2700K CRI 90 *		4000K CRI 80
	3000K CRI 90		4000K CRI 90 *

Light  
distribution

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Control

	Phase dimmable
--	----------------

Colour (housing)

	White		White/translucent
	Black		Black/translucent
	Chrome		Chrome/translucent
	10,000 colours *		10,000 colours */ translucent



\* available on request

Article numbers and planning data:  
[www.erco.com/012596](http://www.erco.com/012596)

Design and application:  
[www.erco.com/starpoint-s](http://www.erco.com/starpoint-s)











## Skim – Lighting design for any architecture

### The versatility of Skim as a separate, flat surface-mounted luminaire

Skim as a surface-mounted downlight is designed for ceiling structures that prevent recessed mounting. It features the same characteristic lens system made of optical polymer as the Skim range of recessed luminaires. Available with different distribution options and in sizes 3 and 5, Skim surface-mounted luminaires combine efficiency with visual comfort, making them ideal for a wide variety of applications: in offices and administration buildings, shops

and public places. The exclusive, flat design of the housing made of cast aluminium ensures sophisticated thermal management. Skim surface-mounted luminaires are a straightforward alternative to recessed luminaires and the optimal lighting solution particularly for new, energy-efficient buildings with formidable, thermally activated concrete ceilings. Details such as snap hooks to secure the luminaire or the optional spacers for surface-mounting facilitate the installation still further.

### Related ranges

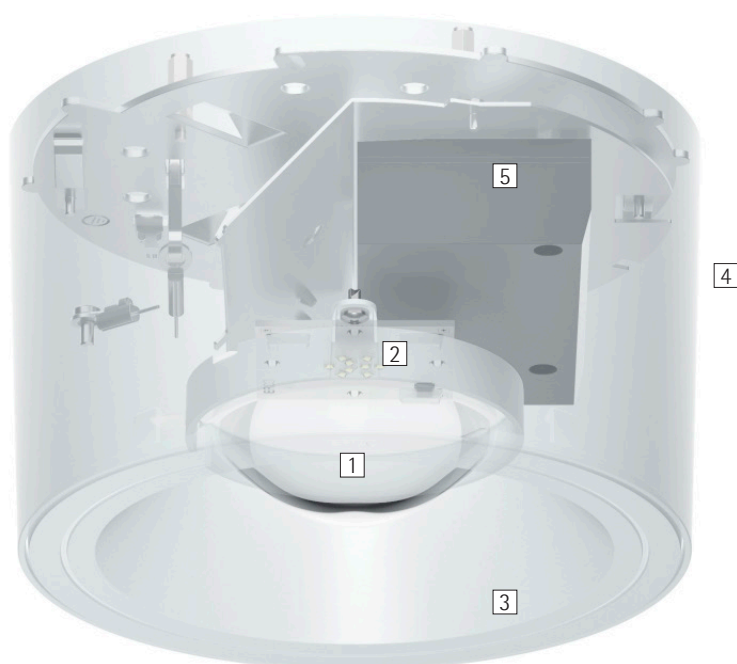


**Skim**  
Recessed luminaires  
Page 360



**Skim**  
for track  
220-240V  
Page 224





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Anti-glare cone

- White (RAL9016)
- Optical cut-off 30°
- Polymer

#### 4 Cylinder

- White (RAL9010)
- Cast aluminium, powder-coated
- Ceiling fixture: metal

#### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/skim-s](http://www.erco.com/skim-s)

## Skim Surface-mounted luminaires



**Small luminaire dimensions**  
Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.















**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



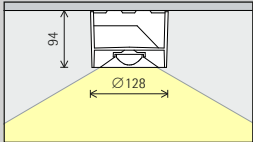
**Very good price performance ratio**  
Skim surface-mounted luminaires offer an attractive price/performance ratio – an advantage with planning tasks aiming for cost-effectiveness.

### Special characteristics

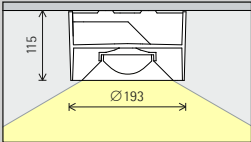
	For office workstation lighting from UGR 15.4		ERCO high-power LEDs		Excellent thermal management		Switchable
	Small luminaire dimensions		Efficient lens system		EMC-optimised		Phase dimmable
	Very good price performance ratio		Optical cut-off 30°		Various construction sizes		DALI dimmable
			Different light colours		Easy installation		

Skim Surface-mounted luminaires

Construction size



Size 3



Size 5

LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm
13W/1640lm

18W/2475lm
28W/3690lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *

Accessories

	Spacer set
--	------------



Aurecon, Brisbane.  
 Architecture:  
 Bates Smart. Interior  
 design: Woods  
 Bagot. Lighting  
 design: Aurecon.  
 Photography:  
 Jackie Chan, Syd-  
 ney.

\* available on request

Article numbers and planning data:  
[www.ercos.com/016061](http://www.ercos.com/016061)

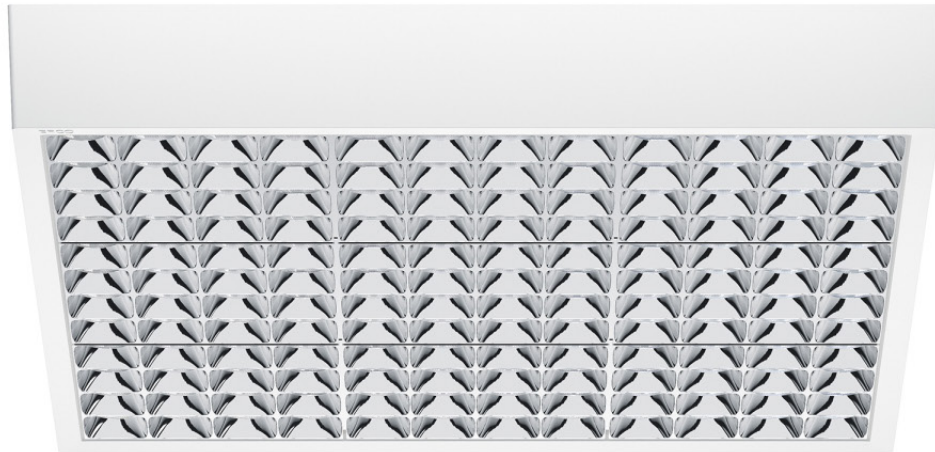
Design and application:  
[www.ercos.com/skim-s](http://www.ercos.com/skim-s)







Table with 10 columns and 10 rows of data.									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
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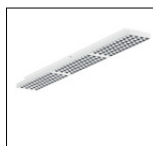
## Jilly square – The versatile light for modern work

### An independent design for efficient and ergonomic light in offices

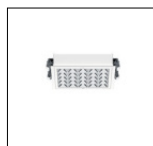
Jilly surface-mounted luminaires are suitable for the particularly efficient, standard-compliant lighting of office workplaces – in rooms with solid ceilings and also for uncomplicated modernisation purposes. The elegant, flat housing and striking anti-dazzle louvres make Jilly a design statement that stands out from conventional office luminaires. 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. With Jilly surface-mounted luminaires, lighting designers can choose between two square sizes and a linear luminaire. 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.

### Related ranges



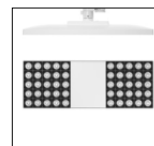
**Jilly linear**  
Surface-mounted  
luminaires  
Page 440



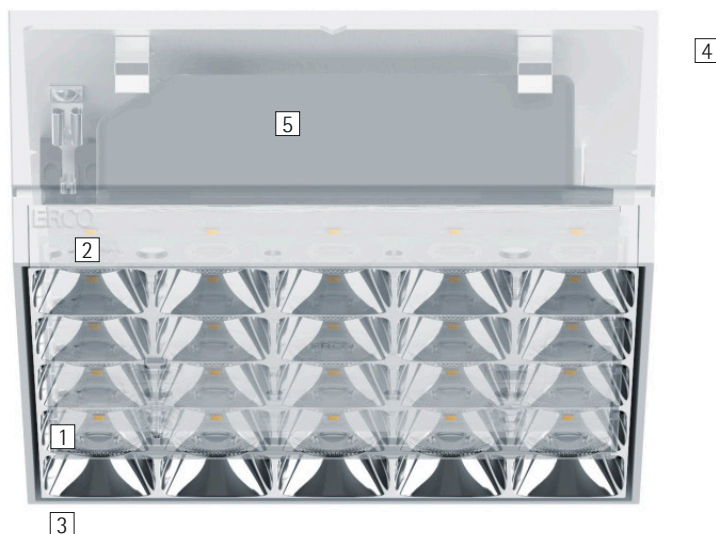
**Jilly square**  
Recessed luminaires  
Page 380



**Jilly linear**  
Pendant luminaires  
Page 484



**Jilly**  
for track  
220-240V  
Page 230



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

#### 2 ERCO LED-module

- Mid-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

#### 4 Housing

- White (RAL9002)
- Polymer
- Ceiling fixture: metal

#### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Variants on request

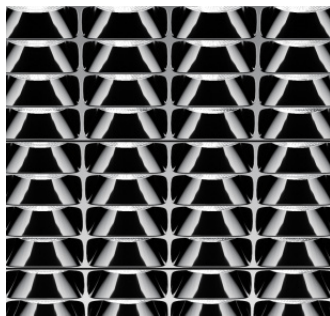
- Mid-power LEDs: 2700K, 3000K, 3500K or 4000K with CRI 92
- Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-square-s](http://www.erco.com/jilly-square-s)

## Jilly square Surface-mounted luminaires



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.




### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

### Special characteristics

 For office workstation lighting from UGR 14.5

 Improved visual comfort



ERCO mid-power LEDs



Efficient lens system



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Easy installation



Switchable



Phase dimmable

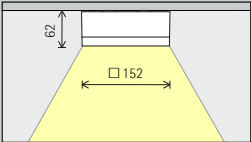


DALI dimmable



Jilly square Surface-mounted luminaires

Construction size



Size 5

LED module  
Maximum value  
at 4000K CRI 82

10W/1535lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

Light  
distribution

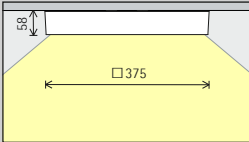
Surface-mounted downlights	Surface-mounted down- lights oval wide flood
Extra wide flood	Oval wide flood

Control

	Switchable
	Phase dimmable
	DALI

Colour  
(housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black



Size 14

36W/6735lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

Surface-mounted downlights
Extra wide flood

	Switchable
	DALI

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

Accessories





\* available on request

Article numbers and planning data:  
[www.erco.com/017833](http://www.erco.com/017833)

Design and application:  
[www.erco.com/jilly-square-s](http://www.erco.com/jilly-square-s)







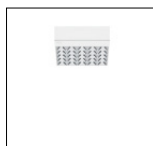
## Jilly linear – The versatile light for modern work

### An independent design for efficient and ergonomic light in offices

Jilly 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. 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. With Jilly surface-mounted luminaires, lighting designers can choose between two square sizes and a linear luminaire. 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.

### Related ranges



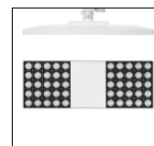
**Jilly square**  
Surface-mounted  
luminaires  
Page 434



**Jilly linear**  
Recessed luminaires  
Page 386

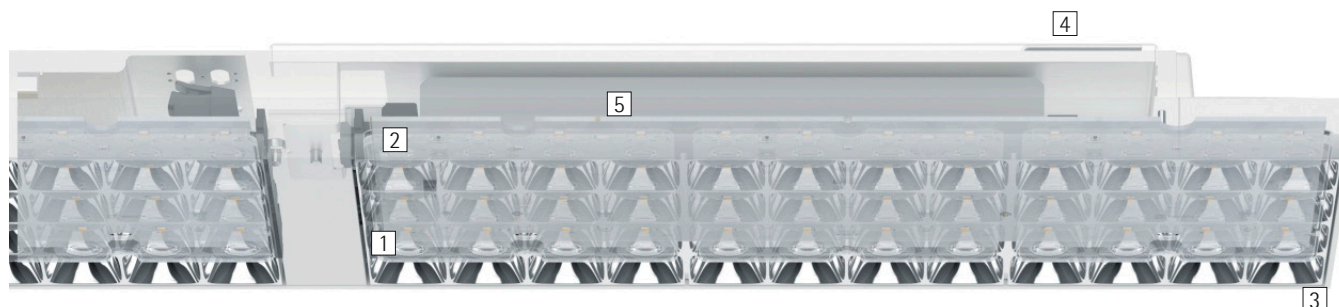


**Jilly linear**  
Pendant luminaires  
Page 484



**Jilly**  
for track  
220-240V  
Page 230





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

#### 2 ERCO LED-module

- Mid-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

#### 4 Housing

- White (RAL9002)
- Aluminium profile/polymer, powder-coated
- Ceiling fixture: metal

#### 5 Control gear

- Switchable or DALI dimmable

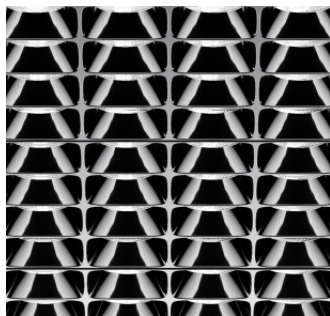
### Variants on request

- Mid-power LEDs: 2700K, 3000K, 3500K or 4000K with CRI 92
  - Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-linear-s](http://www.erco.com/jilly-linear-s)

## Jilly linear Surface-mounted luminaires



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

### Special characteristics

**UGR** For office workstation lighting from UGR 14.0

**Improved visual comfort**



ERCO mid-power LEDs



Efficient lens system



Different light colours



Excellent thermal management



EMC-optimised



Easy installation



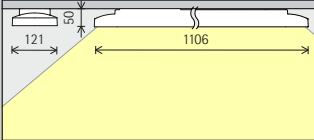
Switchable



DALI dimmable

Jilly linear Surface-mounted luminaires

Construction size








1106mm

LED module



Maximum value  
at 4000K CRI 82

36W/6735lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *





Light distribution

Surface-mounted downlights	Surface-mounted down-lights oval wide flood
 Extra wide flood	 Oval wide flood


Control

	Switchable
	DALI

Colour (housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

Accessories

 Spacer set



\* available on request

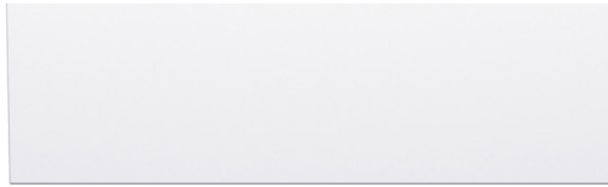
Article numbers and planning data:  
[www.erco.com/017834](http://www.erco.com/017834)

Design and application:  
[www.erco.com/jilly-linear-s](http://www.erco.com/jilly-linear-s)









## Compar square – The simple path to perfect light

### Compact surface-mounted luminaires with versatile, high quality lighting technology

High quality surface-mounted luminaires are the right choice for rooms with solid ceilings and also for simple modernisation purposes. For office spaces and many other applications in the management sector or public buildings, the Compar range offers surface-mounted luminaires that blend elegantly into the architecture thanks to their extremely slim and compact square housings. As indicated by the name, the lighting technology is akin to the Compar

recessed luminaires. Three lumen packages enable differentiated lighting concepts with sufficient luminous flux also for high rooms. The highly efficient optics enable various light distributions with a uniform appearance of the luminaires. This enables the lighting to be matched to various uses and differing room conditions. Compar is optimised for office workplaces with high visual comfort and also improves levels of cost efficiency in circulation areas and foyers due to wide distances between luminaires.

### Related ranges



**Compar linear**  
Surface-mounted  
luminaires  
Page 452



**Compar linear**  
Recessed luminaires  
Page 392

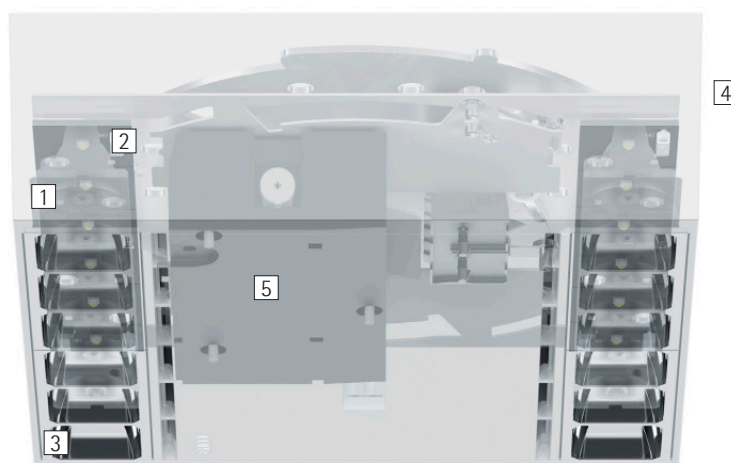


**Compar linear**  
Pendant luminaires  
Page 490



**Compar**  
for track  
220-240V  
Page 236





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood, oval wide flood or oval flood

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish
- Cut-off angle 30°

#### 4 Housing

- White (RAL9002)
- Cast aluminium/polymer, powder-coated
- Ceiling fixture: metal

#### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Variants on request

- Anti-dazzle louvre: coated matt gold, matt silver or matt champagne
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compar-square-s](http://www.erco.com/compar-square-s)

## Compar square Surface-mounted luminaires



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

### Special characteristics



Excellent visual comfort



For office workstation lighting from UGR 6.9



Small luminaire dimensions



ERCO high-power LEDs



Efficient lens system



Cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Easy installation



Switchable



Phase dimmable

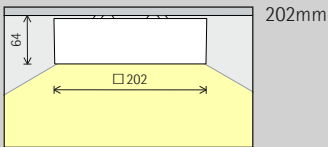


DALI dimmable



Compar square Surface-mounted luminaires

Construction size



LED module  
Maximum value  
at 4000K CRI 82

12W/1800lm
24W/3300lm
38W/4920lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

Surface-mounted downlights	Surface-mounted down- lights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	Surface-mounted downlights oval flood
	Oval flood

Control

	Switchable
	Phase dimmable
	DALI

Colour (housing/  
louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

Accessories

	Spacer set
--	------------



\* available on request

Article numbers and planning data:  
[www.erco.com/016701](http://www.erco.com/016701)

Design and application:  
[www.erco.com/compar-square-s](http://www.erco.com/compar-square-s)







## Compar linear – Powerhouse for linear aesthetics

### **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 catches for fixing to the ceiling fitting are

discreetly concealed in a slender shadow gap. These luminaires therefore expand the Compar family into a range that can be used to solve a wide variety of lighting tasks in a uniform way.

### Related ranges



**Compar linear**  
Recessed luminaires  
Page 392



**Compar linear**  
Pendant luminaires  
Page 490



**Compar**  
for track  
220-240V  
Page 236



**Compar square**  
Surface-mounted luminaires  
Page 446



## Compar linear Surface-mounted luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood, oval wide flood or oval flood

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Louvre

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish
- Cut-off angle 30°

#### 4 Housing

- White (RAL9002)
- Aluminium profile, powder-coated
- Ceiling fixture: metal

#### 5 Control gear

- Switchable or DALI dimmable

### Variants on request

- Anti-dazzle louvre: coated matt gold, matt silver or matt champagne
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compar-linear-s](http://www.erco.com/compar-linear-s)

## Compar linear Surface-mounted luminaires



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.

### Special characteristics



Excellent visual comfort



For office workstation lighting from UGR 13.4



ERCO high-power LEDs



Efficient lens system



Cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Easy installation



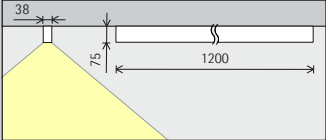
Switchable



DALI dimmable

Compar linear Surface-mounted luminaires

Construction size









1200mm

LED module





Maximum value  
at 4000K CRI 82

24W/3300lm
38W/4920lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light distribution

Surface-mounted downlights	Surface-mounted downlights oval wide flood
 Wide flood	 Oval wide flood
 Extra wide flood	Surface-mounted downlights oval flood
	 Oval flood

Control

	Switchable
	DALI

Colour (housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

Accessories

	Spacer set
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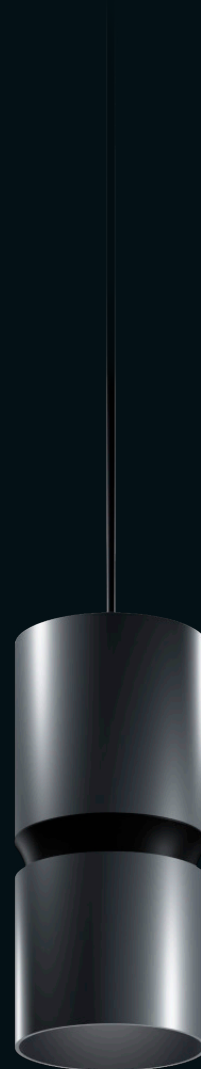
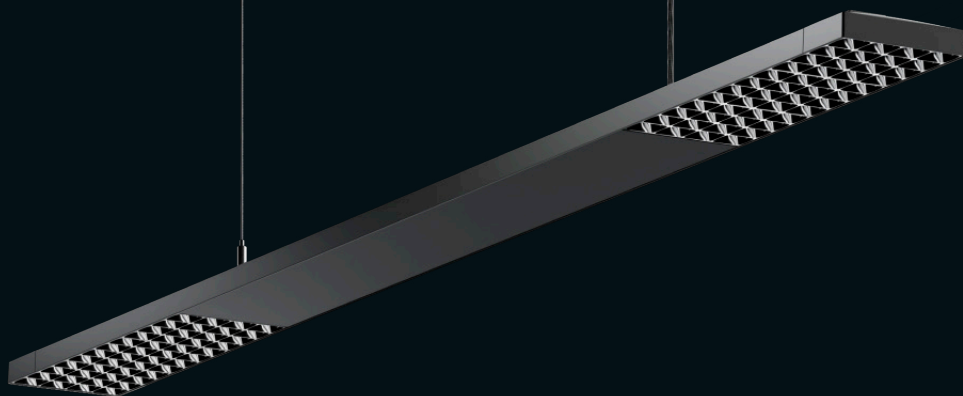
\* available on request

Article numbers and planning data:  
[www.erco.com/017562](http://www.erco.com/017562)

Design and application:  
[www.erco.com/compar-linear-s](http://www.erco.com/compar-linear-s)







## Succinct. Versatile. Pendant luminaires

Pendant luminaires provide economical general lighting with a high level of visual comfort and are simultaneously a succinct detail of the architecture. They are often used when room zones or focal points are highlighted by light, but also if these are to be marked as architectural elements by the luminaires themselves. Pendant luminaires with tunable white additionally support lighting concepts such as Human Centric Lighting, for example for use in offices.



Overview of all ranges from p. 462  
[www.erco.com/pendant](http://www.erco.com/pendant)

## Pendant luminaires Application examples

### Light for meeting rooms

- Wide light distribution for planar illumination from a short distance
- Harmonious brightness distribution without shadows on the faces of the participants in the discussion
- Indirect lighting achieves a bright impression of the room with diffuse shadows

Products used:

**Compar linear** p. 488



### Attractively illuminating counters

- High illuminances mark important places in a room
- Combination of functional light and elegant appearance
- Magically luminous ring creates a decorative detail and good facial recognition

Products used:

**Starpoint** p. 476

### Elegantly illuminating office environments

- System design available as pendant luminaire, recessed and surface-mounted variant and downlight for track
- Highly efficient lens system with anti-glare louvre achieves high visual comfort
- Integrated uplight with tunable white allows dynamic lighting concepts

Products used:  
**Jilly linear** p. 482







#### Creating pleasant general lighting

- Individually adjustable mounting height
- Installation possible with canopy or with track adapter
- General lighting with very good visual comfort and high illuminances

Products used:

**Quintessence** p. 464



#### Lighting from large heights

- High lumen-output luminaires for use in high rooms
- Narrow downlight distributions for precise lighting from large heights
- Optional indirect component brightens the spatial impression and softens contrasts

Products used:

**Atrium** p. 470





## Tunable white technology

Just as the outdoor colour temperature changes during the day, the colour temperature of lighting indoors can be adjusted to support lighting concepts for Human Centric Lighting for example.

## Decorative luminaire edge

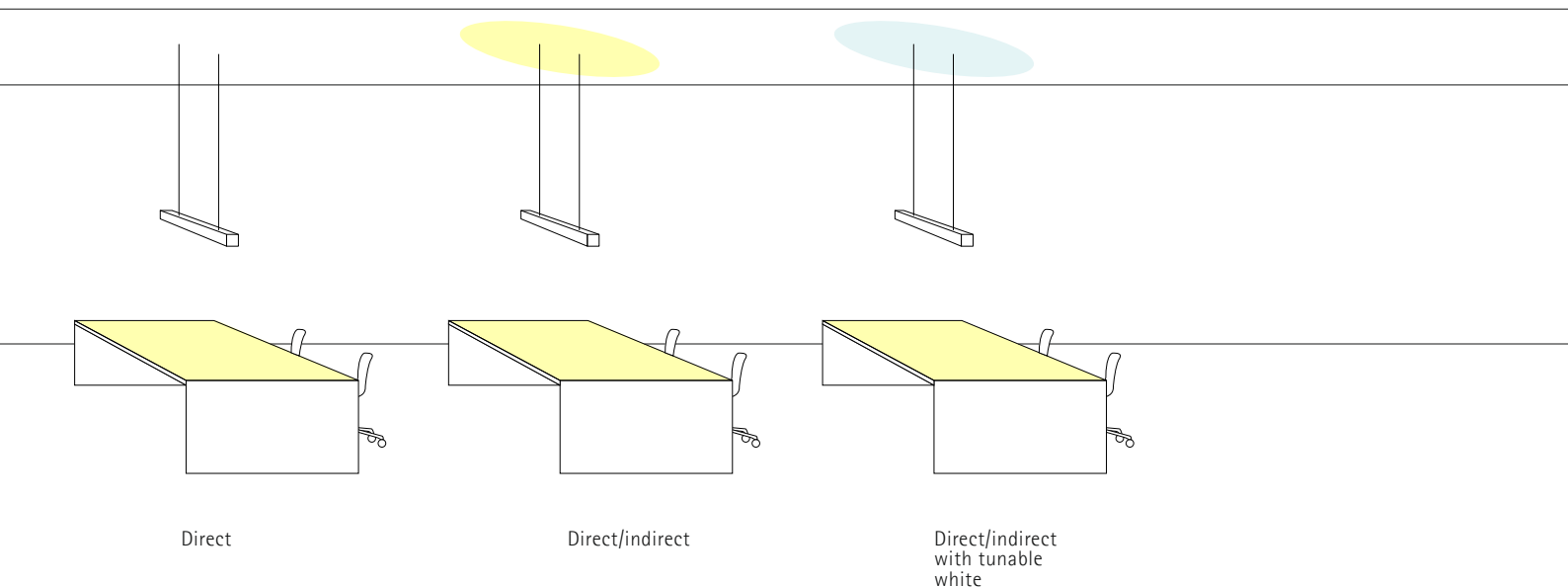
The translucent ring with Starpoint creates a magical light effect.

This distinguishes our pendant luminaires



## Very high visual comfort

Anti-glare louvres enable standard-compliant office lighting with  $UGR < 19$ .



## High rooms

Particularly high rooms such as airport terminals and concert halls demand high-lumen output luminaires. With pendant luminaires up to 9840 lumens, you can illuminate efficiently and with high visual comfort even from very large distances.

## Dimming

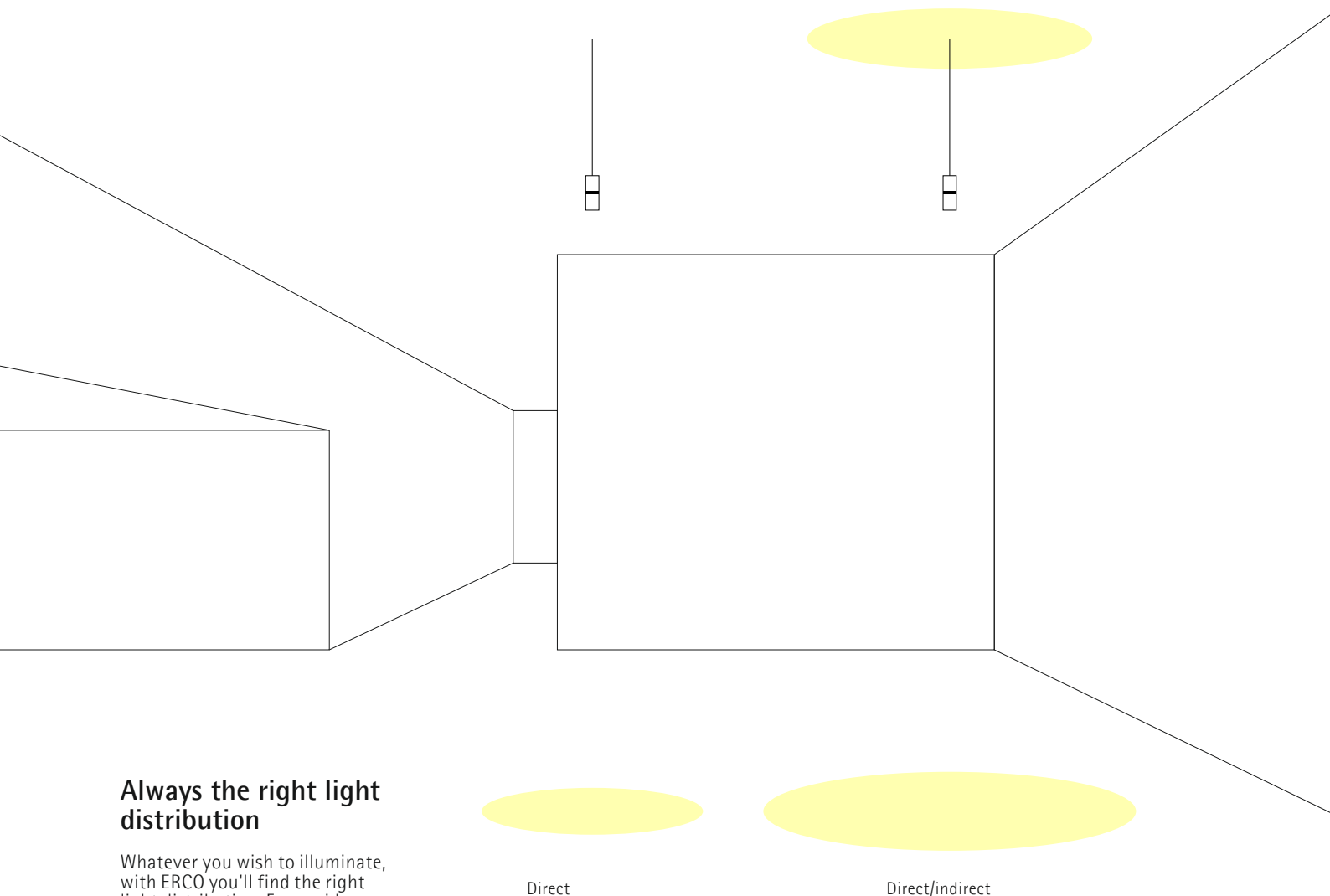
In-house developed control gear enables uniform operating behaviour of luminaire groups and dimming down to 1% – important for use as hall lighting in cinemas, theatres and concert auditoriums. With DALI control, the dimming value achieves as low as 0.1%.

## Integrated uplight

If light should also display and highlight the ceiling, Atrium double focus pendant luminaires provide new options. The integrated uplight particularly accentuates the dimension of high rooms.

## Customise

"ERCO individual" offers extensive options for the customising of product ranges:  
[www.erco.com/individual](http://www.erco.com/individual)



## Always the right light distribution

Whatever you wish to illuminate, with ERCO you'll find the right light distribution. From wide beam floodlighting to the efficient illumination of workstations.



Products with these features can be found on the next page.

## Pendant downlights

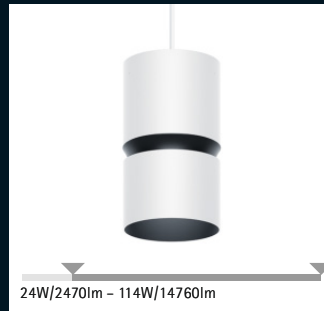

**Quintessence round 464**

Available in three sizes

ERCO darklight technology

Very high visual comfort with wide light distributions

Community, Work


**Atrium double focus 470**

Indirect lighting available

Ideal for high and very high rooms

Very high visual comfort

Community, Contemplation


**Starpoint 476**

Small luminaire dimensions

Decorative light emission

Available in chrome

Hospitality, Living


**Jilly linear 482**

For office workstation lighting as of UGR&lt;16

Indirect lighting with tunable white available

Anti-glare louvre in various colours

Work


**Compar linear 488**

For office workstation lighting as of UGR&lt;16

Indirect lighting with tunable white available

ERCO darklight technology

Work



mai public rela-  
tions, Berlin.  
Photography:  
Sebastian Mayer,  
Berlin.



Craigavon Pae-  
diatric Centre,  
Belfast. Archi-  
tecture: Todd  
Architects, Bel-  
fast. Lighting  
design: Arup  
Lighting, London.  
Photography:  
Gavriil Papadiotis,  
London.







## Quintessence round – The system solution for excellent visual comfort

### The lighting tool for customised light point heights and large luminaire spacing

With Quintessence designed as a pendant luminaire, the height of the light source can be adjusted individually in relation to the architecture and its use. In sacred places, for example, directed light creates a contemplative atmosphere. Styled with simplicity in mind, Quintessence adds visual accents in historic as well as modern architecture and allows adjustment of the pendant length to customise the height of the light source on site. As well as mounting with

baldachin, Quintessence pendant luminaires can be fixed to track with a transadapter, enabling flexible positioning in the room. With an emission angle of 90° and a 40° cut-off, Quintessence pendant luminaires in different sizes are the ideal lighting tool for uniform ambient lighting with high cylindrical illuminances. The exceptionally wide beam enables large luminaire spacing with highly uniform illuminance distribution and excellent glare control.

### Related ranges



**Quintessence round**  
Recessed spotlights, recessed floodlights  
Page 252



**Quintessence round**  
Recessed luminaires  
Page 318



**Quintessence round**  
Surface-mounted luminaires  
Page 410



**Quintessence round**  
Recessed luminaires  
Page 718

## Quintessence round Pendant luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO darklight reflector

- Cut-off angle 40°
- Polymer, aluminium vaporised, mirror-finish

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

#### 3 Diffuser lens

- Made of optical polymer
- Light distribution: extra wide flood

#### 4 Cylinder

- White (RAL9002)
- Aluminium profile, powder-coated

#### 5 Control gear

- Switchable

#### 6 ERCO transadapter or ceiling fixture with canopy

- White
- Connection cable with strain relief

#### Variants on request

- Reflector: coated matt gold, matt silver or matt champagne
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-pendant](http://www.erco.com/quintessence-pendant)

## Quintessence round Pendant luminaires



### Very high visual comfort

The darklight reflector combines maximum visual comfort with an optimum light output ratio.

### Special characteristics



Excellent visual comfort



ERCO high-power LEDs



Cut-off 40°



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes

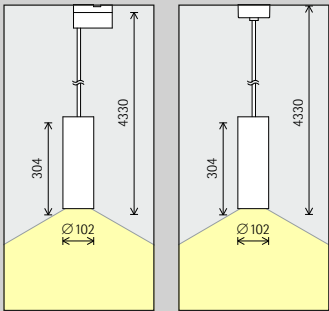


Switchable

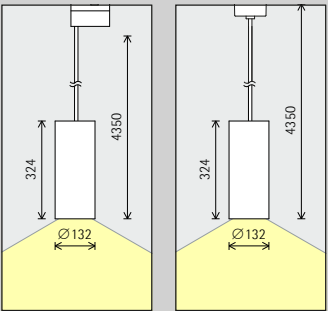


Quintessence round Pendant luminaires

Construction size



Size 3









Size 4







LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm



18W/2475lm



Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92


	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92


Light  
distribution

	Pendant downlights
	Extra wide flood



	Pendant downlights
	Extra wide flood



Control

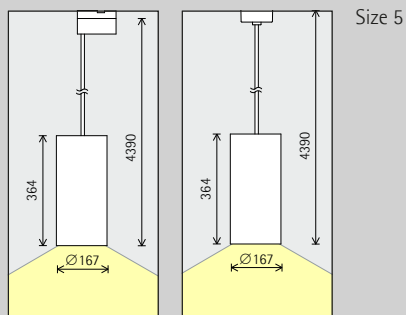
	Switchable
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	Switchable
--	------------

Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *

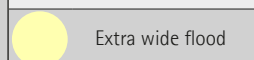


Size 5

24W/3300lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Pendant downlights



Switchable


	White
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/015736](http://www.erco.com/015736)

Design and application:  
[www.erco.com/quintessence-pendant](http://www.erco.com/quintessence-pendant)





The history of railways  
opens january 2019





## Atrium double focus – Sophisticated light for high rooms

### **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 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 distribu-

tions and thus provides precise illumination from large heights. The optional indirect component creates atmosphere and reduces contrasts. Their low weight allows them to be suspended easily via the power cord. All Atrium luminaires have a black anti-glare cone for particularly high visual comfort. The own-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.

### Related ranges



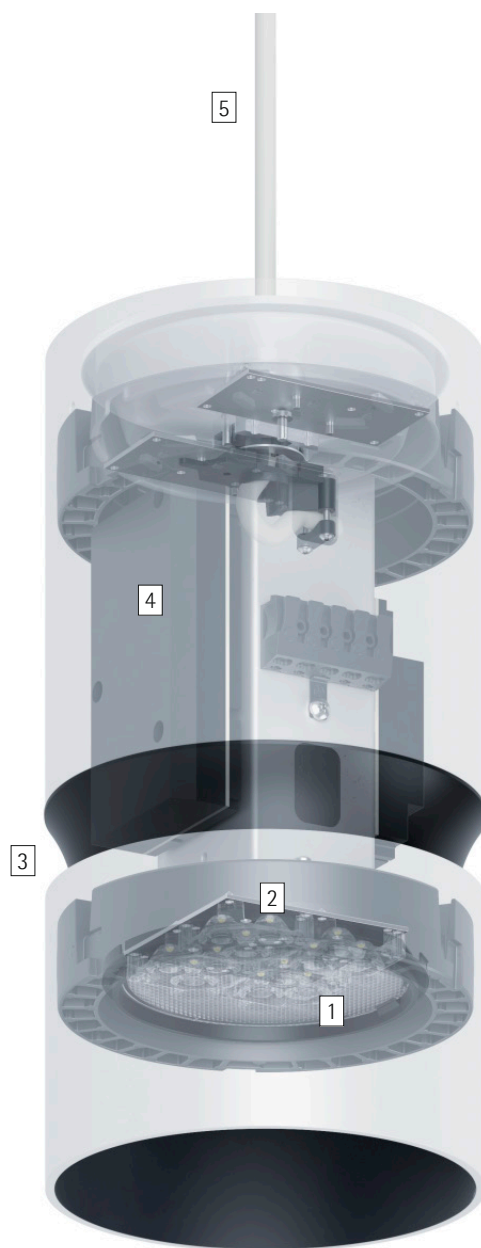
**Atrium double focus**  
Recessed luminaires  
Page 346



**Atrium double focus**  
Surface-mounted luminaires  
Page 416



## Atrium double focus Pendant luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens (light emission below)

- Light distributions: flood or wide flood

#### Diffuser (light emission upwards)

- Polymer

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Cylinder

- White (RAL9002), black or silver
- Aluminium profile, powder-coated, inner black-coated
- Cut-off angle 30° or 40°
- Cone: polymer, black

#### 4 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### 5 Ceiling fixture with canopy

- White or black
- Connection cable with strain relief

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/atrium-df-pendant](http://www.erco.com/atrium-df-pendant)

## Atrium double focus Pendant luminaires



### Large lumen packages for very high illuminances

The good glare control of the lens systems enables large lumen packages with high visual comfort.



### Very high visual comfort















ERCO has developed luminaires with special housing designs and high quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Suitable for high rooms

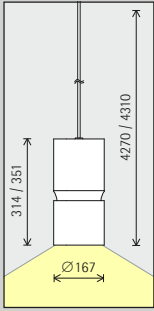
Theatres, atria and lecture halls are usually illuminated from the ceiling and therefore from a large height. Efficient lighting solutions for high rooms have luminaires that project the light precisely onto the surface to be illuminated, in this way avoiding spill light.

### Special characteristics

	Excellent visual comfort		ERCO high-power LEDs		Excellent thermal management		Switchable
	Large lumen packages for very high illuminances		Efficient Spherolit technology		EMC-optimised		Phase dimmable
	for high rooms		Cut-off 30°/40°		Various housing colours		DALI dimmable
			Different light colours		Various construction sizes		

Atrium double focus Pendant luminaires

Construction size








Size 5



LED module  
Maximum value  
at 4000K CRI 82

24W/3300lm	38W/4920lm
------------	------------




Light colour  
(direct)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light  
distribution

Pendant downlights	
	Flood
	Wide flood


Control

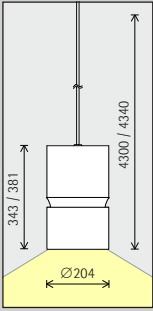
	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White		Silver
	Black		10,000 colours *







Accessories



	Pendant tube suspension
---	-------------------------










Size 7

48W/6600lm	76W/9840lm
------------	------------

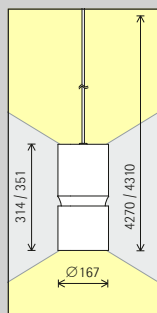
	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Pendant downlights	
	Flood
	Wide flood

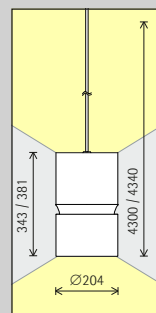
	Switchable
	Phase dimmable
	DALI

	White		Silver
	Black		10,000 colours *

## Construction size



Size 5



Size 7

## LED module

Maximum value  
at 4000K CRI 82

36W/4950lm	57W/7380lm
------------	------------

72W/9900lm	114W/14760lm
------------	--------------

## Light colour (direct)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light colour (indirect)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light distribution

Pendant downlights
Flood
Wide flood

Pendant downlights
Flood
Wide flood

## Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

## Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/017686](http://www.erco.com/017686)

Design and application:  
[www.erco.com/atrium-df-pendant](http://www.erco.com/atrium-df-pendant)



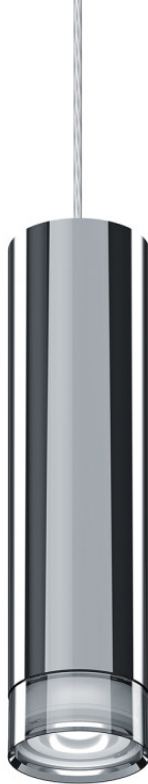




18



<02



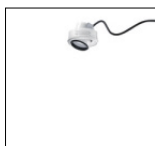
## Starpoint – Illuminating tables for glamorous effect

### Pendant luminaires for hotels, bars and restaurants

The Starpoint pendant luminaire combines the design principles of "ambient luminescence" and "play of brilliants" coined by Richard Kelly. The light beam, directed downwards, presents cuisine and cocktails on the tables and counters in the perfect light. The luminaire cover with its strikingly illuminated ring creates an effective eye-catcher. The translucent element, which is visible only when illuminated, makes for a subtle decorative detail in the room – ideal for hotels, bars and restaurants. A

chrome version adds a touch of mid-century glamour and lends itself to combination with rough materials such as wood or natural stone, thereby creating a compelling contrast.

### Related ranges



**Starpoint**  
Recessed spot-  
lights, recessed  
floodlights  
Page 264



**Starpoint**  
Recessed lumin-  
aires  
Page 354



**Starpoint**  
Surface-mounted  
luminaires  
Page 422



**Starpoint**  
Wall-mounted  
luminaires  
Page 530

## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



### 1 ERCO lens system

- Made of optical polymer
- Light distribution: extra wide flood

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 3 Translucent ring

- Optical cut-off 30°
- Polymer, clear, outside mirrorfinish vaporised

or

### Anti-glare cone

- Optical cut-off 30°
- Polymer, black

### 4 Cylinder

- White (RAL9002), black or chrome
- Aluminium profile, powder-coated or chromed

### 5 Control gear

- Phase dimmable
- Dimming with external dimmers possible (trailing edge)

### 6 ERCO 3-phase adapter or ceiling fixture with canopy

- White or black
- Connection cable, translucent, with strain relief

### Variants on request

- Light colours: 2700K or 4000K with CRI 90
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



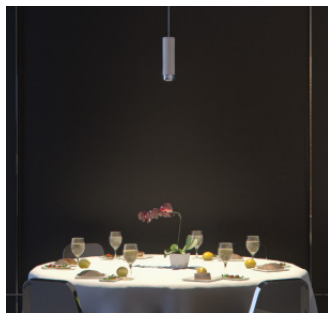
Design and application:  
[www.erco.com/starpoint-pendant](http://www.erco.com/starpoint-pendant)

## Starpoint Pendant luminaires



### Decorative luminaire edge

The translucent ring with Starpoint creates a magical light effect.



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

### Special characteristics



Small luminaire dimensions



Decorative luminaire edge



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours

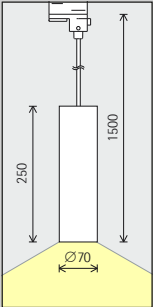


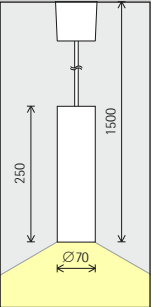
Phase dimmable



Starpoint Pendant luminaires

Construction size









Size 2

LED module

Maximum value at 4000K CRI 80


8W/830lm

Light colour


	2700K CRI 90 *		4000K CRI 80
	3000K CRI 90		4000K CRI 90 *

Light distribution









Pendant downlights

 Extra wide flood

Control

 Phase dimmable

Colour (housing)

	White		White/translucent
	Black		Black/translucent
	Chrome		Chrome/translucent
	10,000 colours *		10,000 colours */translucent



Fabege AB - WAW  
 Arena Staden,  
 Stockholm. Archi-  
 tecture: ABREU  
 Design Studio;  
 EgnellAllard Inred-  
 ningsarkitek-  
 tur, Stockholm.  
 Lighting design:  
 ABREU Design  
 Studio. Electri-  
 cal engineering:  
 Stockholms Elt-  
 jänst Lundén AB;  
 Elbolaget LMJ AB;  
 Lundek Elkonsult  
 AB; Elarkitektur  
 AB. Photography:  
 Gavriil Papadiotis,  
 London.

\* available on request

Article numbers and planning data:  
[www.erco.com/012487](http://www.erco.com/012487)

Design and application:  
[www.erco.com/starpoint-pendant](http://www.erco.com/starpoint-pendant)









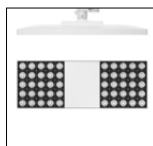
## Jilly linear – The versatile light for modern work

### An independent 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 housing and striking anti-dazzle louvers make Jilly 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 provides diffuse upward light. In the tunable white version, Jilly also supports dynamic lighting concepts which bring the rhythm of daylight into the office.

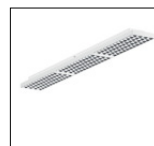
### Related ranges



**Jilly**  
for track  
220-240V  
Page 230



**Jilly linear**  
Recessed luminaires  
Page 386



**Jilly linear**  
Surface-mounted luminaires  
Page 440



**Jilly square**  
Recessed luminaires  
Page 380





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood or oval wide flood

### 2 ERCO LED-module

- Mid-power LEDs: warm white (3000K), neutral white (4000K) and tunable white (3000-6000K)

### 3 Anti-dazzle louvre (light emission below)

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish

### Diffuser (light emission upwards)

- Polymer, textured

### 4 Housing

- White (RAL9002)
- Aluminium profile/polymer, powder-coated

### 5 Control gear

- Switchable or DALI dimmable

### 6 Suspensions

- Wire suspension with 1-point ceiling fixing and rapid wire connector for height compensation
- Ceiling fixture with canopy: metal/polymer, white

### Variants on request

- Mid-power LEDs: 2700K, 3000K, 3500K or 4000K with CRI 92
  - Anti-glare louvre: gold matt, silver matt, champagne matt or copper matt-coated and other colours
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/jilly-linear-pendant](http://www.erco.com/jilly-linear-pendant)

## Jilly linear Pendant luminaires



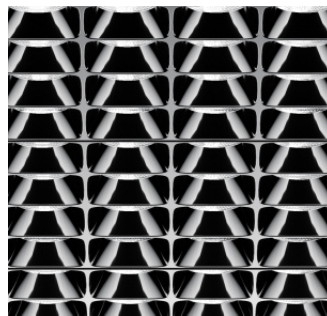
### Tunable white technology

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.



### Suitable for office workstations

ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



### Louvres for efficient visual comfort

A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.

### Special characteristics

UGR	For office workstation lighting from UGR 13.8
	Tunable white
	Improved visual comfort



ERCO mid-power LEDs



Efficient lens system



Different light colours



Excellent thermal management



EMC-optimised

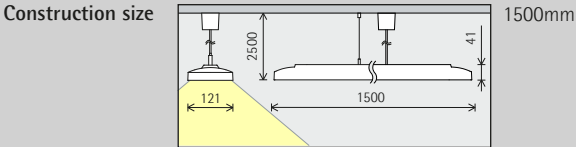


Switchable



DALI dimmable

Jilly linear Pendant luminaires



LED module  
Maximum value  
at 4000K CRI 82

24W/4490lm
------------

Light colour  
(direct)

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

Light  
distribution

Pendant downlights	Pendant downlights oval wide flood
Extra wide flood	Oval wide flood

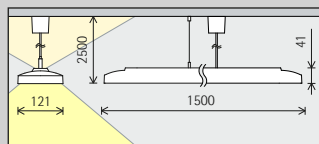
Control

	Switchable
	DALI

Colour  
(housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

## Construction size



1500mm

## LED module

Maximum value  
at 4000K CRI 82

39W/7260lm

64W/8640lm

## Light colour (direct)

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

## Light colour (indirect)

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 82		4000K CRI 82
	3000K CRI 92 *		4000K CRI 92 *

	Tunable white
--	---------------

## Light distribution

Pendant downlights	Pendant downlights oval wide flood
Extra wide flood	Oval wide flood

Pendant downlights	Pendant downlights oval wide flood
Extra wide flood	Oval wide flood

## Control

	Switchable
	DALI

	DALI
--	------

## Colour (housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		110,000 colours */ Black

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

\* available on request

Article numbers and planning data:  
[www.erco.com/017796](http://www.erco.com/017796)

Design and application:  
[www.erco.com/jilly-linear-pendant](http://www.erco.com/jilly-linear-pendant)









## Compar linear – Linear, with high output and extremely variable

### Highly diverse pendant luminaires with linear profiles and direct/indirect illumination

A highly purist appearance but with extremely flexible light effects – such is the concept of Compar pendant luminaires, that with their slender, minimalist luminaire body are ideal for architectural lighting and prestigious offices. The dimensions of the suspended profile precisely match Hi-trac tracks. It combines direct and indirect light components: two Compar modules per luminaire head are for direct lighting with high visual comfort. The innovative linear lighting tech-

nology offers various wattages and light distributions for glare-free workstation lighting in accordance with standards and per application. The integrated uplight emits diffuse light upwards. In addition to light colours from the ERCO system of luminaires, the luminaire is also available in a tunable white version: for atmospheric, dynamic ambient lighting or concepts integrating the rhythm of daylight into offices.

### Related ranges



**Compar**  
for track  
220-240V  
Page 236



**Compar linear**  
Recessed luminaires  
Page 392



**Compar linear**  
Surface-mounted luminaires  
Page 452



**Compar square**  
Surface-mounted luminaires  
Page 446

## Compar linear Pendant luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval wide flood

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Mid-power LEDs: Tunable white (3000-6000K)

#### 3 Anti-dazzle louvre (light emission below)

- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish
- Cut-off angle 30°

#### Diffuser (light emission upwards)

- Polymer, textured

#### 4 Housing

- Aluminium profile, powder-coated

#### 5 Control gear

- Switchable or DALI dimmable

#### 6 Suspensions

- Wire suspension with 1-point ceiling fixing and rapid wire connector for height compensation
- Ceiling fixture with canopy: metal/polymer, white

#### Variants on request

- Anti-dazzle louvre: coated matt gold, matt silver or matt champagne
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compar-linear-pendant](http://www.erco.com/compar-linear-pendant)

## Compar linear Pendant luminaires



**Suitable for office workstations**  
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.










**Very high visual comfort**  
A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.








**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.

### Special characteristics

	Excellent visual comfort
	For office workstation lighting from UGR 14.9
	Tunable white

	ERCO high-power LEDs
	Efficient lens system
	Cut-off 30°
	Different light colours

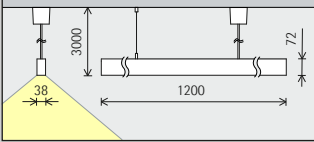
	Excellent thermal management
	EMC-optimised
	Various construction sizes

	Switchable
	DALI dimmable



Compar linear Pendant luminaires

Construction size



1200mm







LED module

Maximum value  
at 4000K CRI 82




24W/3300lm

38W/4920lm


Light colour  
(direct)


	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution  
(direct)





Pendant downlights	Pendant downlights oval wide flood
 Wide flood	 Oval wide flood
 Extra wide flood	

Control

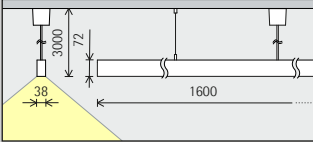
 Switchable

 DALI

Colour  
(housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

Construction size



1600mm







LED module

Maximum value  
at 4000K CRI 82




24W/3300lm

38W/4920lm


Light colour  
(direct)


	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution  
(direct)





Pendant downlights	Pendant downlights oval wide flood
 Wide flood	 Oval wide flood
 Extra wide flood	

Control

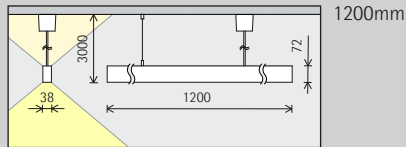
 Switchable

 DALI

Colour  
(housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

## Construction size



## LED module

Maximum value  
at 4000K CRI 82

42W/5775lm

66W/8610lm

64W/7450lm

78W/9070lm

## Light colour (direct)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

## Light colour (indirect)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	Tunable white
--	---------------

## Light distribution (direct)

Pendant downlights	Pendant downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	

Pendant downlights	Pendant downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	

## Control

	Switchable
	DALI

	DALI
--	------

## Colour (housing/louvre)

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

	White/Silver		10,000 colours */ Silver
	White/Black		10,000 colours */ Black

\* available on request

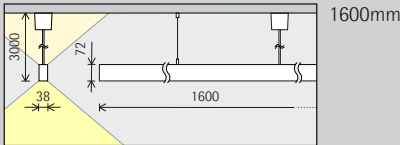
Article numbers and planning data:  
[www.erco.com/016773](http://www.erco.com/016773)

Design and application:  
[www.erco.com/compar-linear-pendant](http://www.erco.com/compar-linear-pendant)



Compar linear Pendant luminaires

Construction size



LED module  
Maximum value  
at 4000K CRI 82

42W/5775lm	64W/7450lm
66W/8610lm	78W/9070lm

Light colour  
(direct)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light colour  
(indirect)

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	Tunable white
--	---------------

Light  
distribution  
(direct)

Pendant downlights	Pendant downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	

Control

Switchable	DALI
DALI	

Colour (housing/  
louvre)

White/Silver	10,000 colours */ Silver
White/Black	10,000 colours */ Black



\* available on request

Article numbers and planning data:  
[www.erco.com/016773](http://www.erco.com/016773)

Design and application:  
[www.erco.com/compar-linear-pendant](http://www.erco.com/compar-linear-pendant)



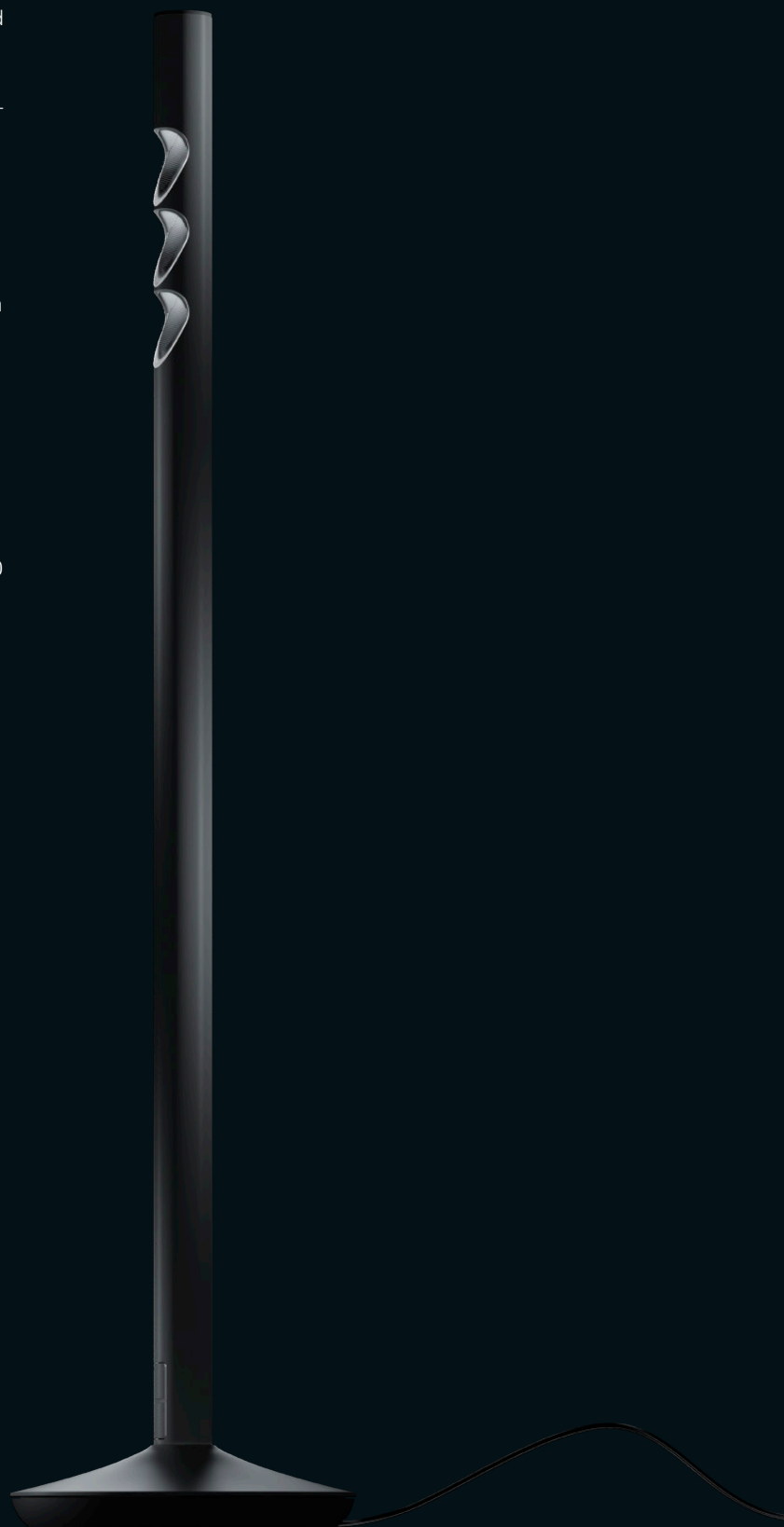


# Ergonomic. Different. Task lights

Freely positionable, glare-free and dimmable – contemporary workstation lighting supports productive work with precise light that flexibly adapts to individual working habits. Placed prominently on every desk, task lights characterise office spaces and reflect the identity of a company. ERCO LED lighting tools not only impress with high visual comfort, durable lighting technology and energy efficiency, but also with their independent, space-saving design as a reflection of the technology used.



Overview of all ranges from p. 500  
[www.erco.com/task-lights](http://www.erco.com/task-lights)





### Light for creative work

- Luminaire head rotatable through 180° for free alignment of the light beam
- Stepless dimming down to 1% with push-button
- Memory function stores dimming settings when switching on again
- Luminaire on the table is freely positionable

Products used:  
**Lucy** p. 502



# This distinguishes our task lights

## Two luminaire variants for the desk

With its base, Lucy can be easily moved and offers individual light at the workplace. The integrated control gear and a plug-in power supply simplify handling. Without its base the luminaire can be inserted into the top of the desk. In this defined position, Lucy is ideal, for example, for workstations in public areas.

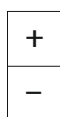
## Very good visual comfort

The optical system is recessed in the luminaire and perfectly glare-reduced even when viewed at a very flat angle.

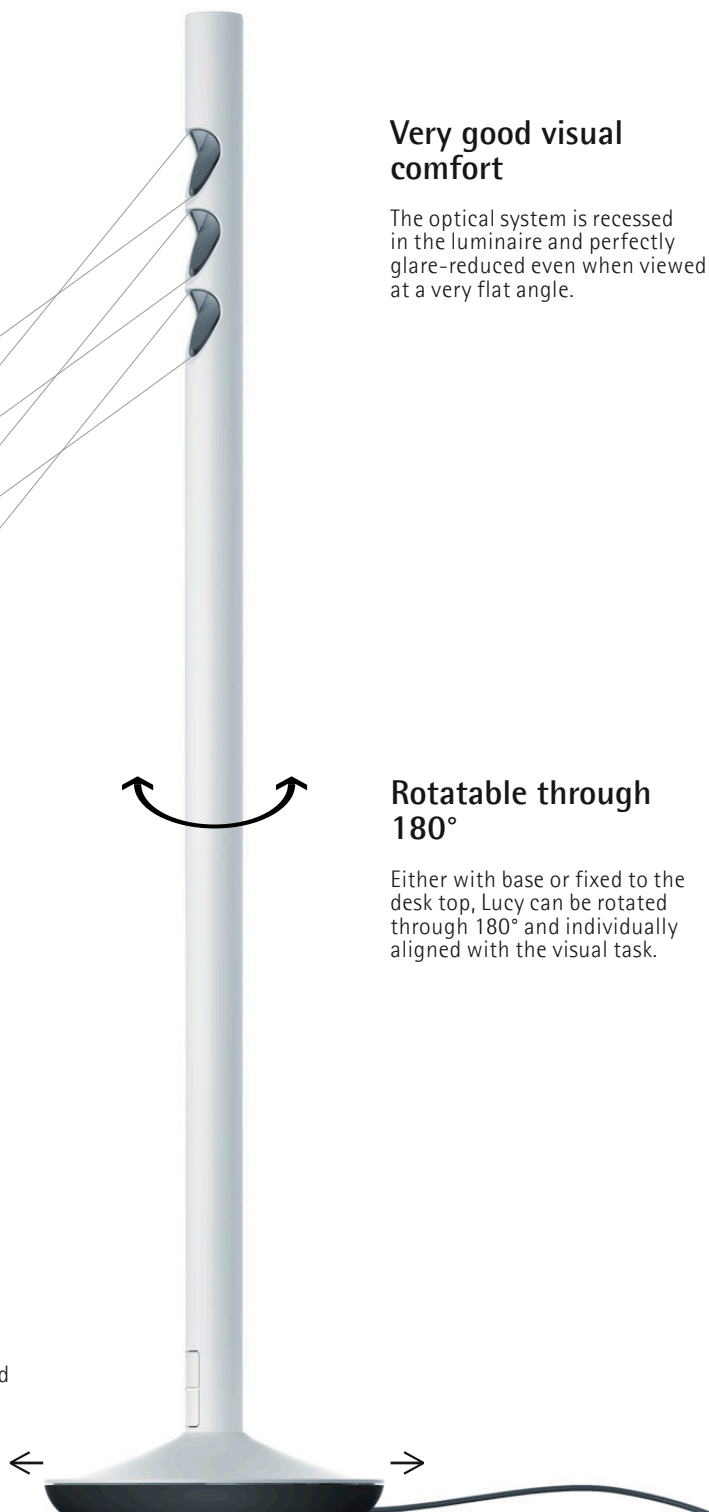
## Rotatable through 180°

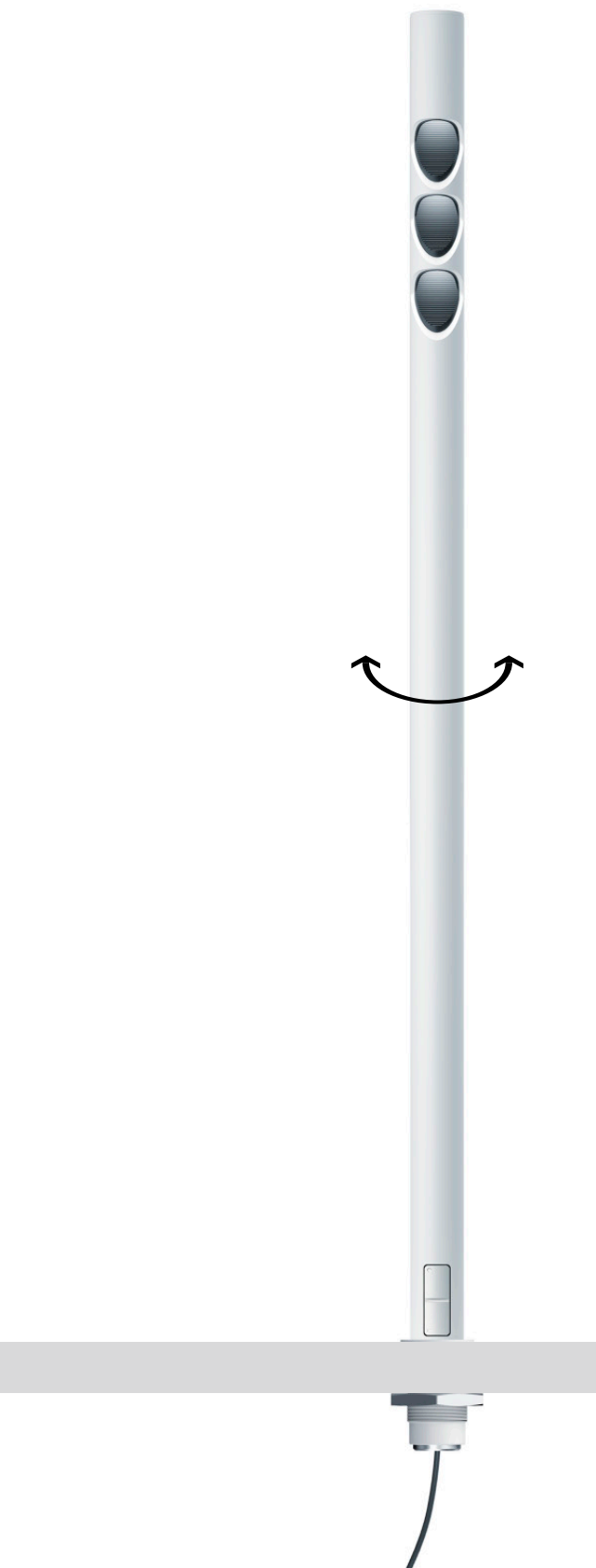
Either with base or fixed to the desk top, Lucy can be rotated through 180° and individually aligned with the visual task.

## Dimmable how you like it



ERCO task lights can be switched on via touch dimmers on the luminaire and continuously dimmed down to 1%.





## Various spectra

There is an ideal light colour and colour rendering for every application. For this reason ERCO offers a wide variety of spectra.

## LED technology for workstations

The thermal management of ERCO task lights enables luminous flux optimised for the optical system. With power output of 13W, the luminaire is thus a lighting solution with low energy consumption for office workplaces.

As a variant for mounting on desks, Lucy can be inserted into desk tops with a thickness of 10-40mm.

↑↓ 10-40mm

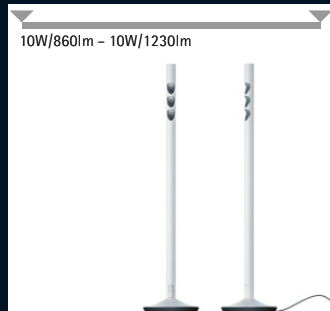
## Customise

"ERCO individual" offers extensive options for customising product ranges: [www.erco.com/individual](http://www.erco.com/individual)





## Task lights



Lucy

502

---

Very high visual comfort

---

Touch dimmer with memory function

---

Rotatable through 180°

---

Work, Community



Sharmoon show-  
room, Shanghai.  
Architecture:  
Dialecticbrothers,  
Shanghai. Light-  
ing design: Keen  
Lighting, Co., Ltd,  
Shanghai. Pho-  
tography: Jackie  
Chan, Sydney.



mai public rela-  
tions, Berlin.  
Photography:  
Sebastian Mayer,  
Berlin.



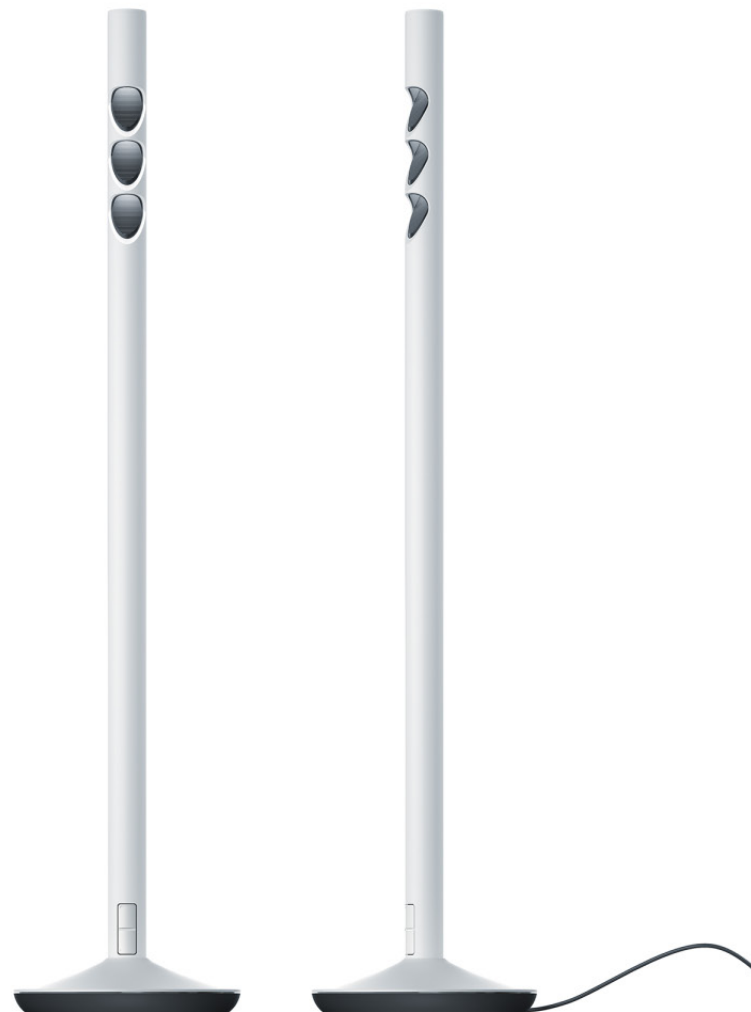


# Lucy – A new model for digital working light

## **Innovative design for productive working**

Light for thinking, light for concentrated working, light for creative concepts – with Lucy ERCO delivers professional LED lighting technology to any workplace, such as libraries, offices or the home. The minimised solution with the stylish design ensures flexible deployment and intuitive operation. For permanent installation at workplaces in public buildings, the luminaire can be mounted flush with the desktop. As with its pedestal counterpart, the luminaire head can be rotated by 180° and adjusted individually. The integral optical system

is protected inside the luminaire, thereby guaranteeing glare-free light with high visual comfort. Operated with an on/off dimmer switch, Lucy can be dimmed down continuously to 1%.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



### 1 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

### 2 ERCO optical system

- Reflector: polymer, aluminium vaporised, mirror-finish
- Softec lens
- Anti-glare element: polymer, black

### 3 Luminaire

- White (RAL9002), black or silver
- Aluminium profile, powder-coated
- Rotatable through 180°
- Push button with integrated dimmer

### 4 Control gear

- Dimmable

### 5 Base

- Cast aluminium, powder-coated
- Base, non-slip polymer, anthracite

or

### Desk fixing

- Installation sleeve, brass, powder-coated, for tabletop thicknesses 10-40mm
- Screw fastening

### 6 Power adapter

#### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/lucy](http://www.erco.com/lucy)



## Very high visual comfort

The optical system is recessed in the luminaire and perfectly glare-reduced even when viewed at a very flat angle.

### Special characteristics



Excellent visual comfort



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



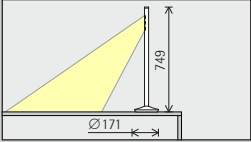
Various housing colours



Dimmable

Lucy Task lights

Construction size









749mm

LED module



Maximum value at 4000K CRI 82

10W/1230lm


Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light distribution

	Task lights
	Wide beam

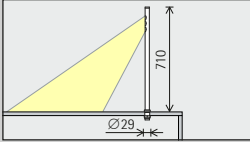
Control

 Dimmable

Colour (housing)

	White		Silver
	Black		10,000 colours *

Construction size









710mm

LED module



Maximum value at 4000K CRI 82

10W/1230lm


Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light distribution

	Task lights
	Wide beam

Control

 Dimmable

Colour (housing)

	White		Silver
	Black		10,000 colours *



Exhibition "Architecture and Landscape in Norway" by Ken Schluchtmann at the Nordic Embassies, Berlin. Photography: Ken Schluchtmann / diephotodesigner.de, Berlin.

\* available on request

Article numbers and planning data:  
[www.erco.com/015739](http://www.erco.com/015739)

Design and application:  
[www.erco.com/lucy](http://www.erco.com/lucy)







## Upwards. Downwards. Wall luminaires

Wall luminaires are able to adopt a wide range of functions. Ceiling floodlights achieve ceiling illumination with high uniformity. Uplights aim to photometrically optimise the light output ratio and light distribution. As such, they're predestined for economical indirect lighting. Floor washlights ensure the safe and reliable illumination of circulation routes.



Overview of all ranges from p. 514  
[www.erco.com/wall-luminaires](http://www.erco.com/wall-luminaires)



### Making rooms appear larger

- Perfect ceiling washlighting to make rooms appear visually higher
- Wide or narrow light distribution according to the application
- RGBW luminaires available for coloured effects

Products used:  
**Trion** p. 522  
**Pantrac** p. 516

### Focal point on the wall

- Magical grazing light for walls
- Light emission available upwards and downwards
- Chromed housing available

Products used:  
**Starpoint** p. 528



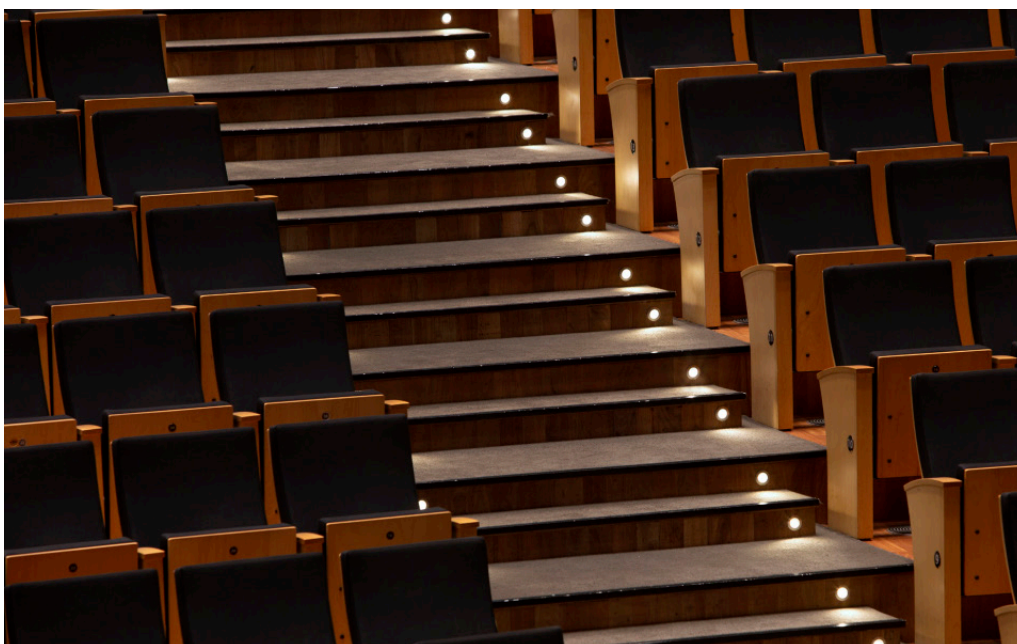




#### Efficiently illuminating circulation routes

- Uniform floor washing marks steps and passages
- Large luminaire spacing for high cost-efficiency
- Available in round or square

Products used:  
**Floor washlights round** p. 540



#### Providing orientation with light

- Points of light for good visibility on routes and stairs
- Wall flush mounting creates an elegant appearance
- Low-maintenance luminaires for economical operation

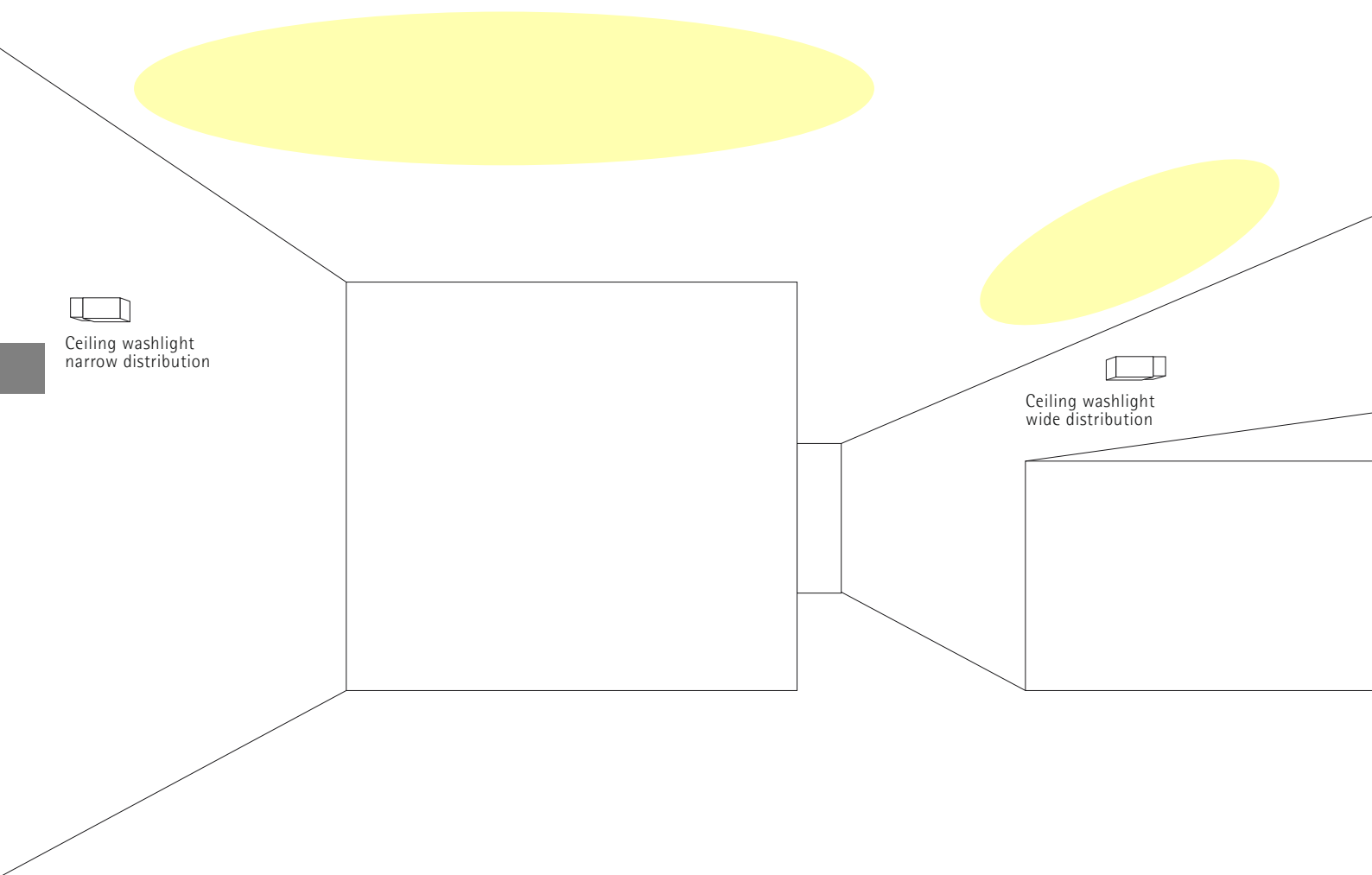
Products used:  
**Floor washlights XS** p. 534



# This distinguishes our wall luminaires

## Always the right light distribution

Whatever you wish to illuminate, with ERCO you'll find the right light distribution. From wide distribution ceiling washlighting to the illumination of walls.



Ceiling washlight  
narrow distribution



Ceiling washlight  
wide distribution



## Narrow or wide distribution

Large ceiling areas can be effectively illuminated with narrow light distributions. The wide distribution version of ceiling washlights with LED is suitable for the economical lighting of hallways and corridors.



## Outstanding uniformity

To meet the stringent standards of ceiling washlighting, ERCO has developed luminaires that generate exceptionally uniform levels of illuminance.



### Available in round or square

The floor washlights are available in two versions – round and square – to match different designs..

### Decorative luminaire edge

With light emission directed downwards, a magical light effect is created with the translucent ring.



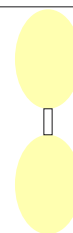
Floor washlight XS wide distribution



Floor washlight wide distribution



Wall luminaire extra wide flood



Wall luminaire extra wide flood/extra wide flood



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

### Variants for upward and downward lighting

Light beams directed upwards additionally offer the option of illuminating the wall more generously with grazing light.



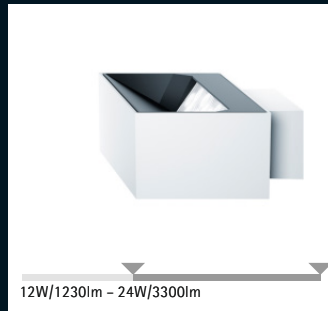
### Customise

"ERCO individual" offers extensive options for the customising of product ranges:  
[www.erco.com/individual](http://www.erco.com/individual)



Products with these features can be found on the next page.

## Ceiling washlights and wall luminaires



Pantrac

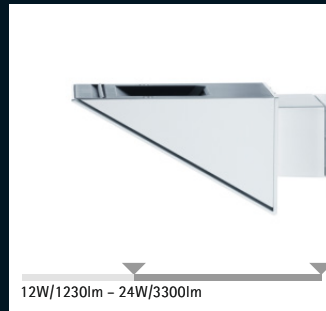
516

Wide and deep beam light distributions available

Excellent ceiling washlighting

Large luminaire spacing

Community, Culture



Trion

522

Wide and deep beam light distributions available

RGBW available

High visual comfort with light limiter

Community, Culture



Starpoint

528

Small luminaire dimensions

Light emission available on both sides

Available in chrome

Hospitality

## Floor washlights



Floor washlight XS

534

Small luminaire dimensions

Protection rating IP44

Hospitality



Floor washlight round

540

Large luminaire spacing

Discreet wall detail

Two wattages available

Hospitality, Community



Floor washlight square

546

Large luminaire spacing

Discreet wall detail

Two wattages available

Hospitality, Community



Wäinö Aaltonen  
Museum of Art,  
Turku.  
Photography:  
Johan Elm,  
Stockholm.



Parish church,  
Lotte. Photogra-  
phy: Dirk Vogel,  
Altena.









## Pantrac – Lighting effects for ceilings

**This ceiling washlight makes the task of creating uniform uplighting incredibly easy**

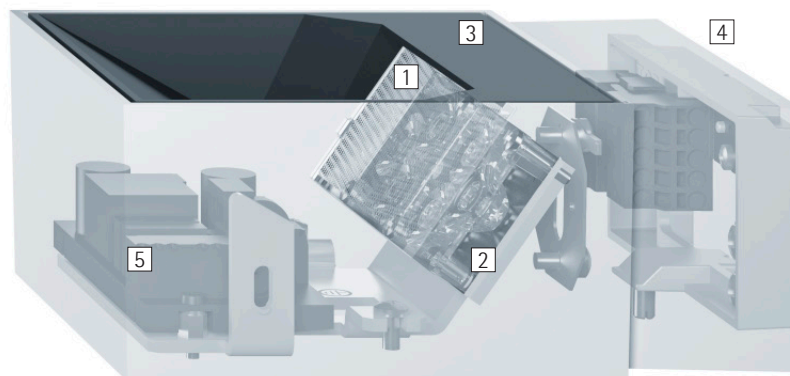
Pantrac wall-mounted luminaires focus on adding lighting effects to ceilings. The luminaires bring out the support structure and lend rooms a higher appearance. Ceilings decorated with stucco and paintings are given a new dimension. Pantrac blends into its architectural surroundings. The archetypal cubic design remains unobtrusive letting the luminaire recede into the background. The luminaire is available in different sizes with a range of light

distribution patterns. This ensures optimum illumination of the ceiling with a minimum number of luminaires. In this way, Pantrac represents not only an effective, but also a cost-efficient, lighting solution.

### Related ranges



**Pantrac**  
for track  
220-240V  
Page 218



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 3 Cover frame

- Polymer, black lacquered

### 4 Housing and wall plate

- White (RAL9002)
- Cast aluminium, powder-coated

### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

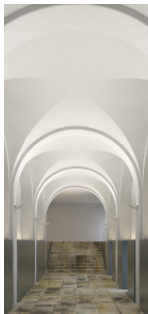
### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.

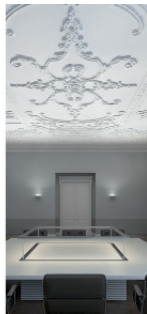


Design and application:  
[www.erco.com/pantrac-w](http://www.erco.com/pantrac-w)

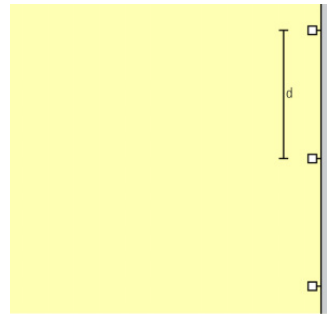
## Pantrac Wall-mounted luminaires



**Wide or deep beam distribution**  
The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.



**Outstanding uniformity**  
To meet the stringent standards of ceiling washing, ERCO has developed luminaires that generate exceptionally uniform levels of illuminance.



**Wide luminaire spacing with ceiling washlighting**  
ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimising the number of luminaires required.

### Special characteristics



Different light distributions: wide or deep



Outstanding uniformity



Wide luminaire spacing with ceiling washlighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Switchable



Phase dimmable

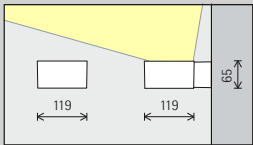


DALI dimmable



Pantrac Wall-mounted luminaires

Construction size 119mm



LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm
------------

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

	Ceiling washlights
	Wide beam
	Deep beam

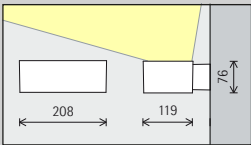
Control

	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White
	10,000 colours *

208mm



24W/3300lm
------------

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	Ceiling washlights
	Wide beam
	Deep beam

	Switchable
	Phase dimmable
	DALI

	White
	10,000 colours *



\* available on request

Article numbers and planning data:  
[www.erco.com/014692](http://www.erco.com/014692)

Design and application:  
[www.erco.com/pantrac-w](http://www.erco.com/pantrac-w)







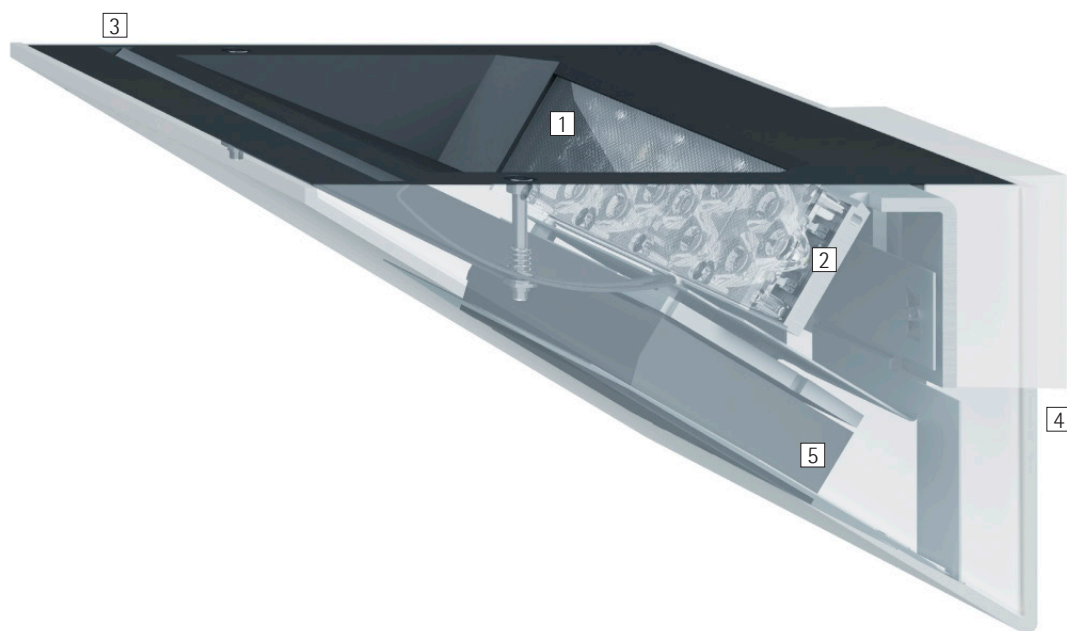
## Trion – Lighting effects for ceilings

**The ceiling washlight for sophisticated lighting that makes ceilings appear higher**

Trion features perfect ceiling washlighting with an archetypal design. The ceiling washlight that blends discreetly into the architecture is ideal for giving rooms a more prestigious look. The outstanding uniformity of the ceiling illumination fulfils the highest demands. Trion's special lens system also enables narrow and wide light distributions for various architectural requirements. A variant with an RGBW LED module completes the

Trion programme, enabling ceilings to also be colour-illuminated.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with parabolic reflector for colour mixing: aluminium, silver, highly specular anodised

### 3 Cover frame

- Polymer, black lacquered
- Light limiter: aluminium, black lacquered. For service safety the light limiter can be screw-fastened

### 4 Housing and wall plate

- White (RAL9002)
- Cast aluminium, powder-coated

### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

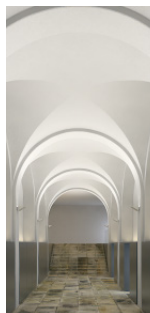
### Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/trion](http://www.erco.com/trion)

## Trion Wall-mounted luminaires



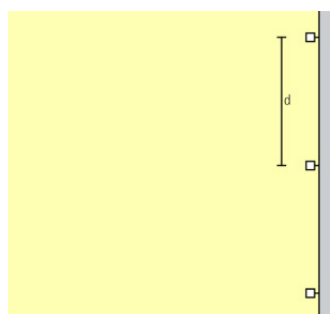
**Wide or deep beam distribution**  
The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.



**Outstanding uniformity**  
To meet the stringent standards of ceiling washing, ERCO has developed luminaires that generate exceptionally uniform levels of illuminance.



**Coloured light**  
Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



**Wide luminaire spacing with ceiling washlighting**  
ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimising the number of luminaires required.

### Special characteristics



Outstanding uniformity



Different light distributions: wide or deep



Coloured light



Wide luminaire spacing with ceiling washlighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Easy installation



Switchable



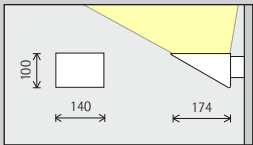
Phase dimmable



DALI dimmable

Trion Wall-mounted luminaires

Construction size



LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

	Ceiling washlights
	Wide beam
	Deep beam

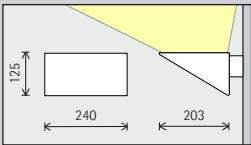
Control

	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White
	10,000 colours *

240mm



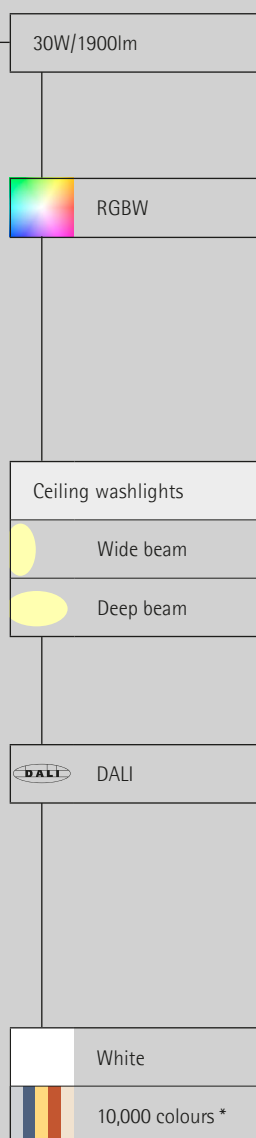
24W/3300lm

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

	Ceiling washlights
	Wide beam
	Deep beam

	Switchable
	Phase dimmable
	DALI

	White
	10,000 colours *



\* available on request

Article numbers and planning data:  
[www.erco.com/013153](http://www.erco.com/013153)

Design and application:  
[www.erco.com/trion](http://www.erco.com/trion)









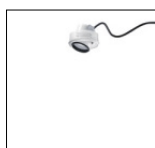
## Starpoint – Compelling design feature on the wall

### Wall-mounted luminaires for grazing light in hotels and restaurants

The Starpoint wall-mounted luminaire combines the design principles of "ambient luminescence" and "play of brilliants" coined by Richard Kelly. The light beam, directed downwards and optionally up, accentuates the wall with a striking grazing light effect. The luminaire cover with its strikingly illuminated ring creates an effective eye-catcher. The translucent element, which is visible only when illuminated, makes for a subtle decorative detail on the wall – ideal

for bars, restaurants and hotels, but also for hallways and stairwells. A chrome version adds a touch of mid-century glamour and lends itself to combination with rough materials such as wood or natural stone, thereby creating a compelling contrast.

### Related ranges



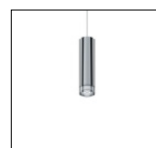
**Starpoint**  
Recessed spot-  
lights, recessed  
floodlights  
Page 264



**Starpoint**  
Recessed lumin-  
aires  
Page 354



**Starpoint**  
Surface-mounted  
luminaires  
Page 422



**Starpoint**  
Pendant lumin-  
aires  
Page 478



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO lens system

- Made of optical polymer
- Light distribution: extra wide flood

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 3 Translucent ring

- Optical cut-off 30°
- Polymer, clear, outside mirrorfinish vaporised

or

### Anti-glare cone

- Optical cut-off 30°
- Polymer, black

### 4 Cylinder

- White (RAL9002), black or chrome
- Aluminium profile, powder-coated or chromed
- Wall plate: cast aluminium/polymer, white or black
- Tamper-proof screw

### 5 Control gear

- Phase dimmable
- Dimming with external dimmers possible (trailing edge)

### Variants on request

- Light colours: 2700K or 4000K with CRI 90
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



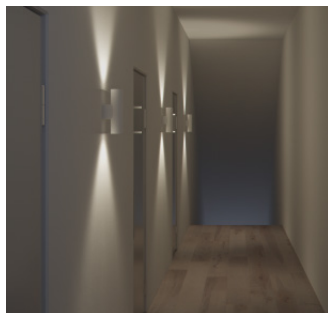
Design and application:  
[www.erco.com/starpoint-w](http://www.erco.com/starpoint-w)

## Starpoint Wall-mounted luminaires



### Decorative luminaire edge

The translucent ring with Starpoint creates a magical light effect.



### Decorative wall lighting

Striking light effects on walls can be created with grazing light. The light beams create focal points with a very decorative effect.

### Special characteristics



Decorative wall-/ facade lighting



Decorative luminaire edge



ERCO high-power LEDs



Efficient Spherolit technology



Optical cut-off 30°



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Easy installation

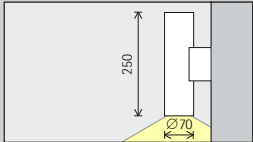


Phase dimmable



Starpoint Wall-mounted luminaires

Construction size



Size 2

LED module  
Maximum value  
at 4000K CRI 80

4W/490lm
----------

Light colour

	2700K CRI 90 *		4000K CRI 80
	3000K CRI 90		4000K CRI 90 *

Light  
distribution

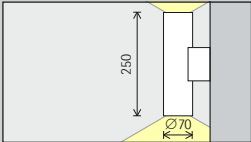
Wall-mounted luminaires
Extra wide flood

Control

Phase dimmable
----------------

Colour (housing)

	White		White/translucent
	Black		Black/translucent
	Chrome		Chrome/translucent
	10,000 colours *		10,000 colours */ translucent



Size 2

8W/980lm
----------

	2700K CRI 90 *		4000K CRI 80
	3000K CRI 90		4000K CRI 90 *

Wall-mounted luminaires
Extra wide flood

Phase dimmable
----------------

	White
	Black
	Chrome
	10,000 colours *



\* available on request

Article numbers and planning data:  
[www.erco.com/015232](http://www.erco.com/015232)

Design and application:  
[www.erco.com/starpoint-w](http://www.erco.com/starpoint-w)











## Floor washlights XS – Light to mark the way

**Minimalist lighting for corridors and traffic routes in hotels, public buildings and private areas**

The floor washlight XS draws attention to traffic routes and facilitates orientation. Superior photometrics enable the unit to be miniaturised. As a result, the floor washlight XS is easy to integrate in architecture, but can also be combined with other ERCO luminaires – which all feature the same LED systems. Appropriate accessories are available for typical wall-mounting situations. Installed flush, the luminaire merges neatly with the

wall – and is visible really only when it is switched on.





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO LED-module

- Light colours: Warm white (3000K) or neutral white (4000K)
- Reflector: polymer, coated silver.

#### 2 Cover ring

- White (RAL9002)
- Polymer, with protective glass

#### 3 Housing and installation sleeve

- Polymer
- Cable
- Installation unit to be ordered separately

### Protection mode IP44

Protection against foreign bodies >1mm and protected against splashwater

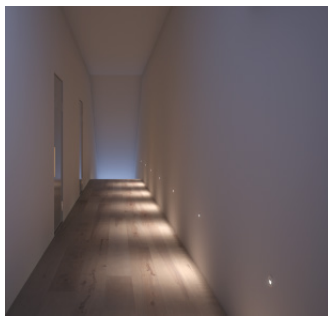


Design and application:  
[www.erco.com/floor-washlight-xs](http://www.erco.com/floor-washlight-xs)

## Floor washlights XS Wall-mounted luminaires



**Flush or covered mounting detail**  
Depending on the mounting enclosure, either a flush-wall or overlapping mounting detail is created.



**Small luminaire dimensions**  
Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



**Protection mode IP44**  
Luminaires with protection rating IP44 are protected against solid foreign bodies larger than 1mm and feature protection against splash water from all directions.

### Special characteristics



Small luminaire dimensions



Flush or covered mounting detail



Protection mode IP44



ERCO LEDs



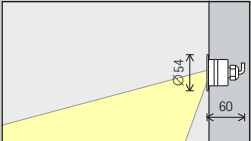
Different light colours



Excellent thermal management

Floor washlights XS Wall-mounted luminaires

Construction size



Ø 54mm

LED module

Maximum value at 4000K

0,6W/24lm

Light colour

3000K

4000K

Light distribution

Floor washlights

Wide beam





Control

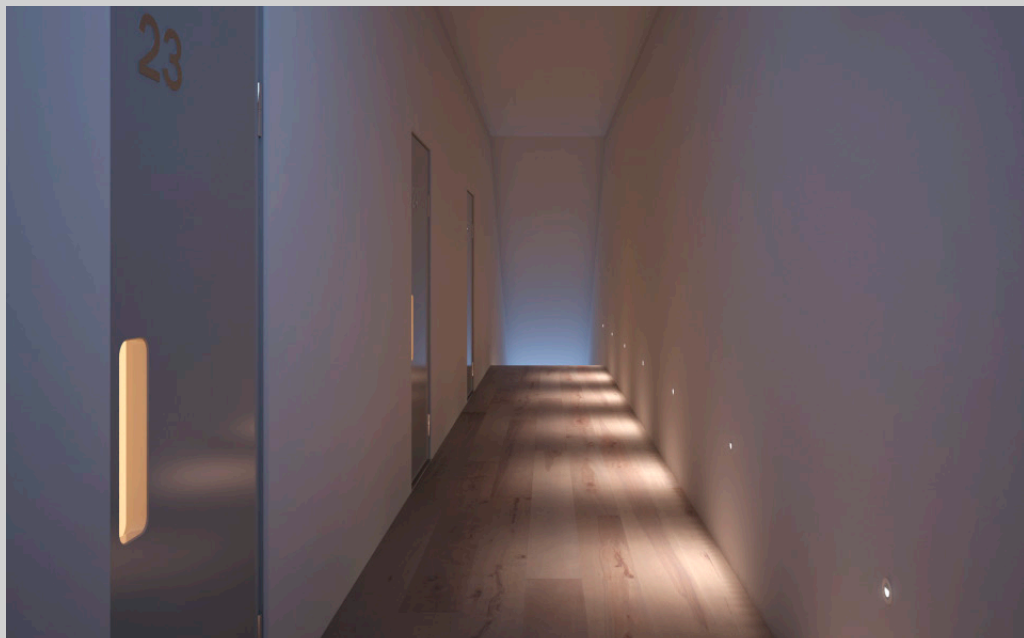


Switchable

Colour (housing)

White

Accessories		Installation unit		Installation sleeve
		Distribution box		Mounting enclosure



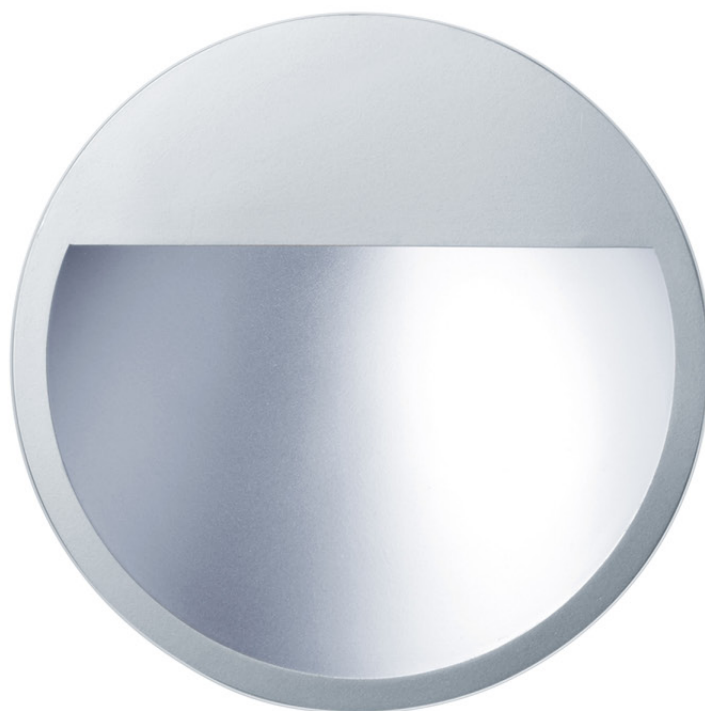
Article numbers and planning data:  
[www.erco.com/014694](http://www.erco.com/014694)

Design and application:  
[www.erco.com/floor-washlight-xs](http://www.erco.com/floor-washlight-xs)









## Floor washlights round – Light for traffic zones

### Quality lighting for stairs or floors in corridors and traffic routes

Corridors or stairs in hotels, theatres or cinemas are great places to use ERCO floor washlights. Thanks to uniform washlighting of the ground, the luminaires mark out traffic routes and passageways efficiently. Glare-free light combined with a soft-contoured beam help passers-by quickly adapt even to darker areas. ERCO floor washlights in round or square design effortlessly blend into the surrounding architecture.

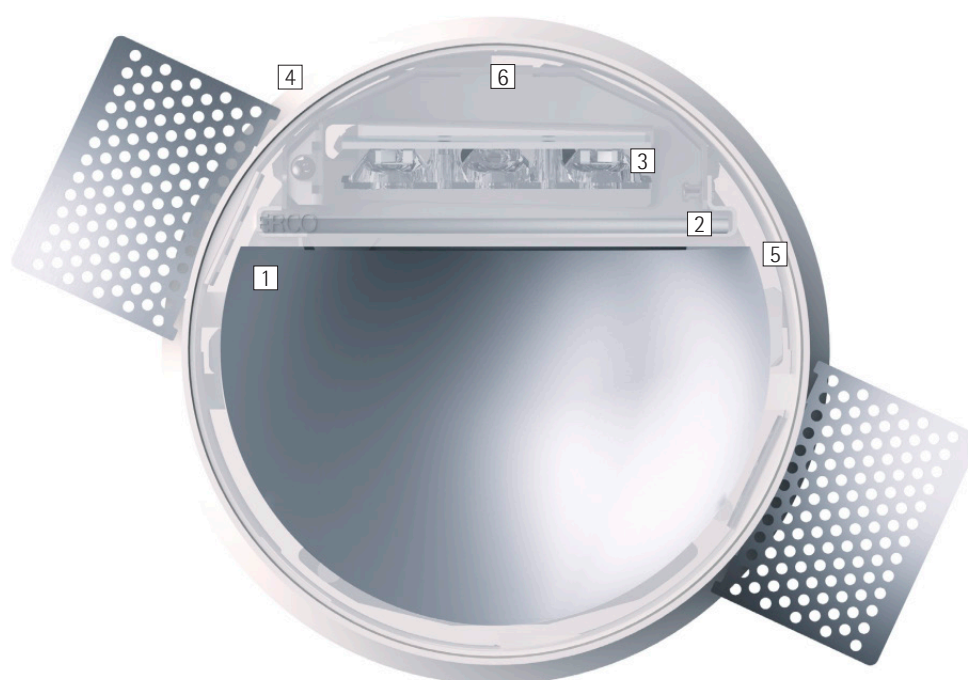
Mounting the luminaires flush with the wall affords them a particular elegance and is easy to achieve using the mounting hardware supplied. The luminaires are maintenance-free and have an optimised light distribution, which means that only a few luminaires are needed. This makes the ERCO floor washlights a highlight even from an economic aspect.

### Related ranges



**Floor washlights square**  
Wall-mounted luminaires  
Page 548





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO reflector and front plate

- Polymer, silver surface-treated

#### 2 Horizontal Softec lens

- 3 **ERCO LED-module**
  - High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
  - Collimating lens made of optical polymer

#### 4 Mounting ring

- Can be used on both sides: for covering the wall cutout or as a plaster trim profile with installation detail flush with the wall
- Mounting bracket: metal. Clamp extension 8-22mm
- Polymer, white

#### 5 Housing

- for cavity wall installation
- Polymer

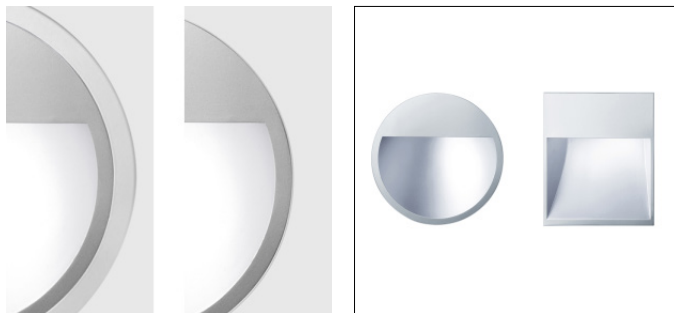
#### 6 Control gear

- Switchable



Design and application:  
[www.erco.com/floor-washlight-round](http://www.erco.com/floor-washlight-round)

## Floor washlights round Wall-mounted luminaires



**Flush or covered mounting detail**  
Depending on the mounting ring, either a flush-wall or overlapping mounting detail is created.

**Available in round or square**  
Luminaires in round or square form enable wall appearances that match the architecture and style of the interior.

### Special characteristics



Available in round or square



Flush or covered mounting detail



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised

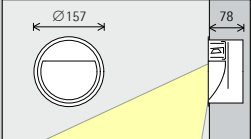


Switchable



Floor washlights round Wall-mounted luminaires

Construction size



Ø 157mm







LED module

Maximum value  
at 4000K CRI 82

3W/450lm


6W/825lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution


Floor washlights

Wide beam

Control

Switchable

Colour (housing)

White



Alfredo Kraus  
Auditorium, Las  
Palmas. Architect:  
Óscar Tusquets,  
Barcelona.

\* available on request

Article numbers and planning data:  
[www.erco.com/011735](http://www.erco.com/011735)

Design and application:  
[www.erco.com/floor-washlight-round](http://www.erco.com/floor-washlight-round)







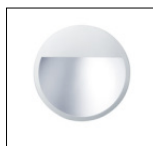
## Floor washlights square – Light for traffic zones

### Quality lighting for stairs or floors in corridors and traffic routes

Corridors or stairs in hotels, theatres or cinemas are great places to use ERCO floor washlights. Thanks to uniform washlighting of the ground, the luminaires mark out traffic routes and passageways efficiently. Glare-free light combined with a soft-contoured beam help passers-by quickly adapt even to darker areas. ERCO floor washlights in round or square design effortlessly blend into the surrounding architecture.

Mounting the luminaires flush with the wall affords them a particular elegance and is easy to achieve using the mounting hardware supplied. The luminaires are maintenance-free and have an optimised light distribution, which means that only a few luminaires are needed. This makes the ERCO floor washlights a highlight even from an economic aspect.

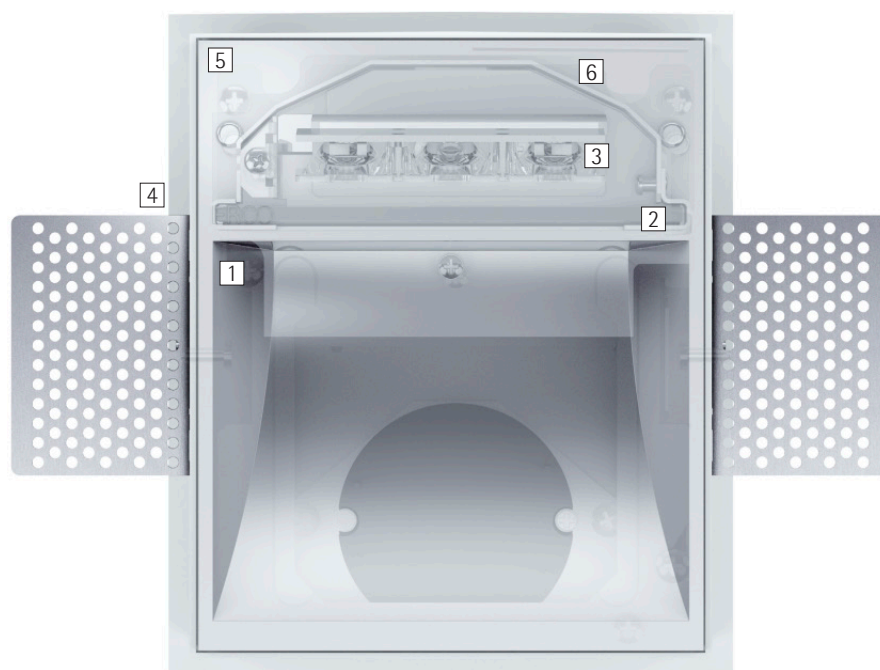
### Related ranges



### Floor washlights round

Wall-mounted luminaires  
Page 542





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO reflector and front plate

- Polymer, silver surface-treated

### 2 Horizontal Softec lens

- ERCO LED-module
- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 4 Mounting frame

- Can be used on both sides: for covering the wall cutout or as a plaster trim profile with installation detail flush with the wall
- Mounting bracket: metal. Clamp extension 8-22mm
- Polymer, white

### 5 Housing

- for cavity wall installation
- Polymer

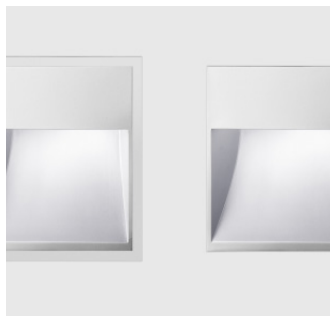
### 6 Control gear

- Switchable

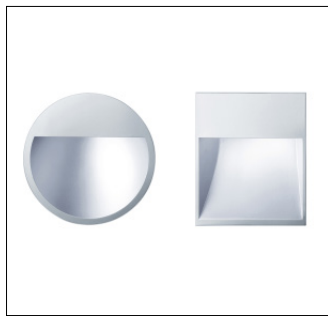


Design and application:  
[www.erco.com/floor-washlight-square](http://www.erco.com/floor-washlight-square)

## Floor washlights square Wall-mounted luminaires



**Flush or covered mounting detail**  
Depending on the mounting frame, either a flush-wall or overlapping mounting detail is created.



**Available in round or square**  
Luminaires in round or square form enable wall appearances that match the architecture and style of the interior.

### Special characteristics



Available in round or square



Flush or covered mounting detail



ERCO high-power LEDs



Different light colours



Excellent thermal management



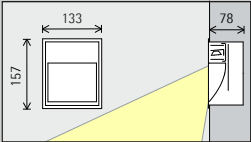
EMC-optimised



Switchable

Floor washlights square Wall-mounted luminaires

Construction size









133mm

LED module  
Maximum value  
at 4000K CRI 82

3W/450lm
6W/825lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light  
distribution

	Floor washlights
	Wide beam

Control

	Switchable
---	------------



Museo Arqueológico Nacional, Madrid. Architecture: Juan Pablo Rodríguez Frade, Madrid. Lighting design: Toni Rueda, Madrid. Photography: Frieder Blickle, Hamburg.

\* available on request

Article numbers and planning data:  
[www.erco.com/018331](http://www.erco.com/018331)

Design and application:  
[www.erco.com/floor-washlight-square](http://www.erco.com/floor-washlight-square)





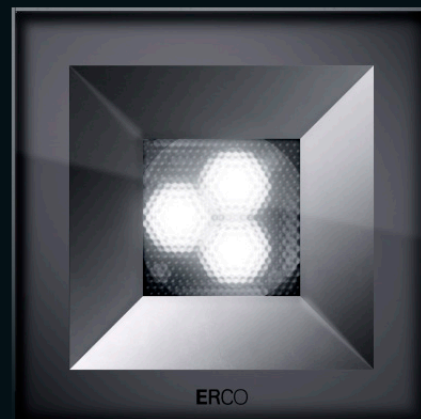
## Small. Effective. Recessed floor luminaires

Recessed floor luminaires attract attention because the existence of light sources on the ground as well as the direction of light from below to above is unusual and therefore particularly noticeable. They also assume directive lighting tasks, e.g. by marking pathways or highlighting entrances.



Overview of all ranges: from p. 556

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



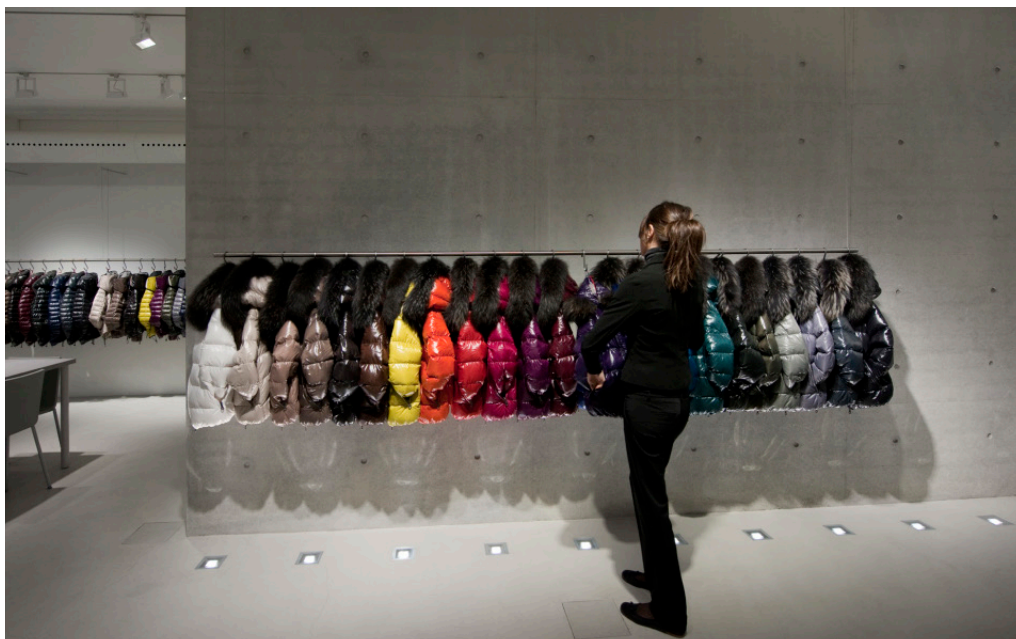
## Recessed floor luminaires Application examples

### Light for multifunctional rooms

- Luminaires available as directional spotlights in pivotable versions or fixed for perfect grazing light
- Discreet stainless steel frame for elegant installation in the ground
- Shallow recess depth of only 100mm allows versatile use

Products used:

**Nadir IP67 round** p. 558



### Effective display of merchandise

- Available in round and square
- Various light colours available for any application
- Luminaires with IP67 are protected against external influences and designed for almost all applications

Products used:

**Nadir IP67 square** p. 564

### Pivotable

The luminaires can be adjusted simply and precisely for optimum light beam alignment. The light is thus emitted to precisely where it is required.



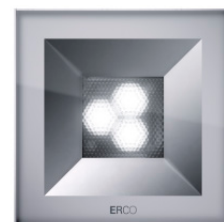
### Grazing light wallwasher

Grazing light wallwashers create effective light which highlights the texture of surfaces. For precise alignment, the luminaire can be tilted by up to 10° in the housing and locked with a fixing screw.

### Directional luminaires

Directional luminaires are used for accent lighting on objects or architectural details. They can be flexibly aligned up to an angle of 30° and feature rotationally symmetric light distribution.

This distinguishes our recessed floor luminaires

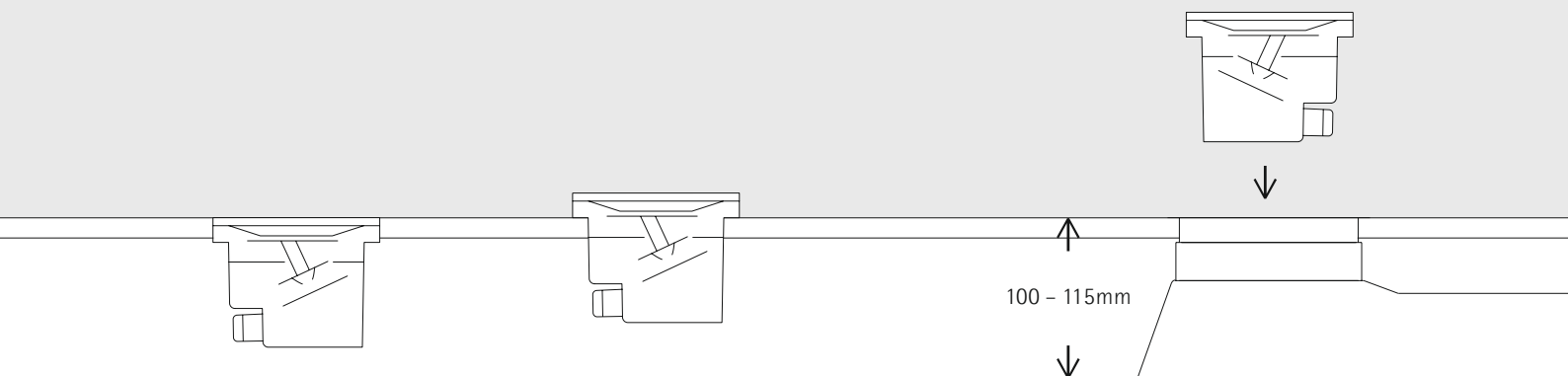


### Available in round or square

The ERCO system design includes round and square luminaires. The luminaires can thus be adapted to the architecture and the surroundings.

## Flush or covered installation possible

Nadir recessed floor luminaires can be installed with a cover frame to cover the ground cut-out or with a flush-ground trim detail.

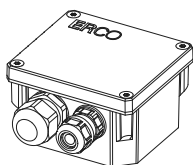


## Shallow recess depth

For compact installation situations, ERCO has developed luminaires with a shallow recess depth that guarantee good quality of light even in confined installation conditions.

## Inground housing with tolerances

The height-adjustable frame of the inground housing enables a compensation of dimensional tolerances between the bare floor and the finished floor or in the case of slanting floors. The low recess depth from 100mm enables use in many areas. Even mounting in floating floor screed with sound insulation requirements is easily possible.



## Protection rating IP67

Luminaires with IP67 protection rating are dusttight and protected against the consequences of temporary immersion.



## Customise

"ERCO individual" offers extensive options for the individualisation of product ranges:  
[www.erco.com/individual](http://www.erco.com/individual)



Products with these features can be found on the next page.

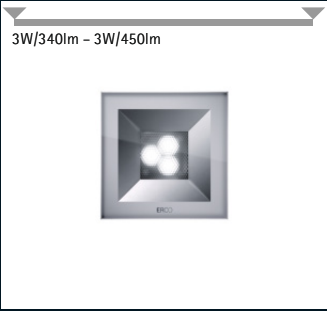


Grazing light wallwashers and directional luminaires



Nadir IP67 round 558

- Impressive grazing light
- Protection rating IP67
- Discreet stainless steel framing
- Hospitality, Community



Nadir IP67 square 564

- Impressive grazing light
- Protection rating IP67
- Discreet stainless steel framing
- Hospitality, Community



Colegio de Infantes, Toledo.  
Photography:  
Frieder Blickle,  
Hamburg.



Catholic University, Piliscaba.  
Photography:  
Thomas Mayer,  
Neuss.





# Nadir IP67 round – Elegant down to the last detail

## **Nadir ensures maximum visual comfort for light from indoor floor areas**

Bringing out wall surfaces, effectively illuminating architecture, marking out pathways: Nadir IP67 for indoor applications performs these and other tasks with peerless elegance. In square or round versions and with a discreet stainless steel mounting frame, the luminaire's mounting is virtually flush with the floor. Needless to say, it can also be mounted covering the surrounding cut-out. Nadir IP67 is a highly flexible system, letting you vary the recess

depth to suit the actual floor conditions.

## **Related ranges**



**Nadir  
IP67 square**  
Recessed floor  
luminaires  
Page 566





## Nadir IP67 round Recessed floor luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: spot or oval flood

#### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer
- 0°-25° tilt
- Directional spotlight rotatable through 90°

#### 3 Perforated shield

- Aluminium, silver, highly specular anodised

#### 4 Safety glass

- 6mm, clear or with diffuser
- Load 5kN

#### 5 Housing

- For mounting in accessories
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Black, double powder-coated
- Cable 2x1,5mm<sup>2</sup>
- Mounting accessories to be ordered separately
- To avoid submersion in standing water provide local drainage

#### 6 Control gear

- Switchable

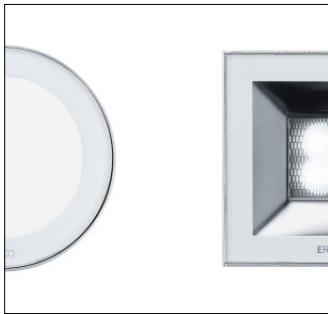
#### Protection mode IP67

Dustproof and protected against the consequences of partial immersion

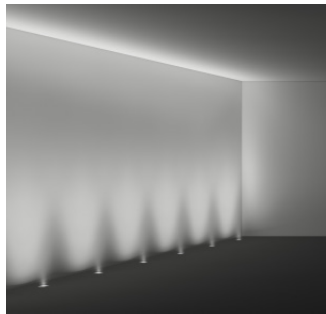


Design and application:  
[www.erco.com/nadir-round](http://www.erco.com/nadir-round)

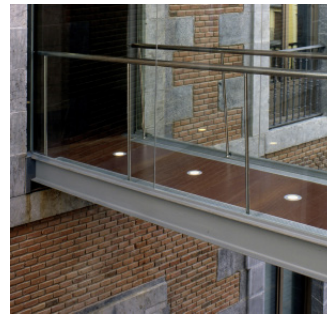
## Nadir IP67 round Recessed floor luminaires



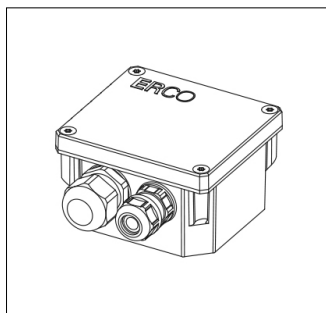
**Available in round or square**  
The ERCO system design includes round and square versions to provide luminaires suited to the architecture and surroundings.



**Grazing light**  
Grazing light wallwashers need to be positioned close to the wall for ideal effects.



**Shallow recess depth**  
For compact mounting situations, ERCO has developed luminaires with a shallow recess depth to provide excellent light quality in areas with limited installation space.



**Protection mode IP67**  
Luminaires with protection mode IP67 are dusttight and protected against the results of temporary immersion.

### Special characteristics

	Grazing light wallwasher
	Available in round or square
	Shallow recess depth
	Protection mode IP67



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



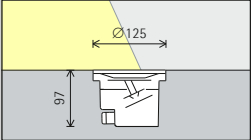
Flush or covered mounting detail



Switchable

# Nadir IP67 round Recessed floor luminaires

Construction size









Ø 125mm

LED module



Maximum value at 4000K CRI 82

3W/450lm


Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92





Light distribution

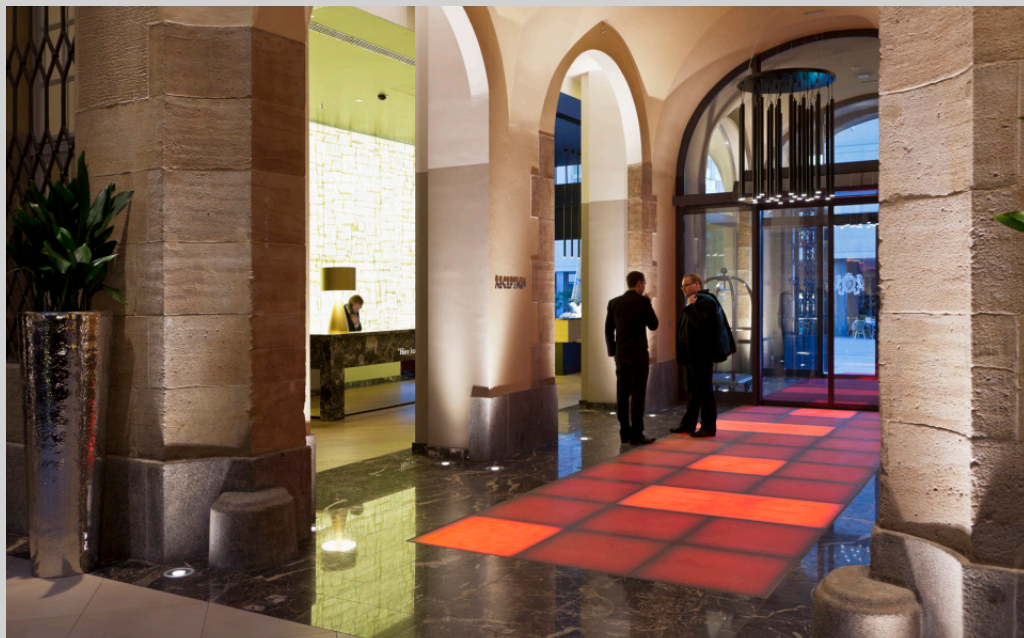
Grazing light wallwashers	Directional luminaires
 Oval flood	 Spot

Control

 Switchable

Accessories

	Junction box		Mounting ring
	Mounting housing		Suction holder



Steigenberger  
Hotel Handelshof,  
Leipzig. Interior  
and lighting  
design: Markus-  
Diedenhofen  
Innenarchitektur,  
Reutlingen.

\* available on request

Article numbers and planning data:  
[www.erco.com/011334](http://www.erco.com/011334)

Design and application:  
[www.erco.com/nadir-round](http://www.erco.com/nadir-round)







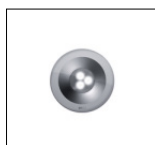
# Nadir IP67 square – Elegant down to the last detail

## **Nadir ensures maximum visual comfort for light from indoor floor areas**

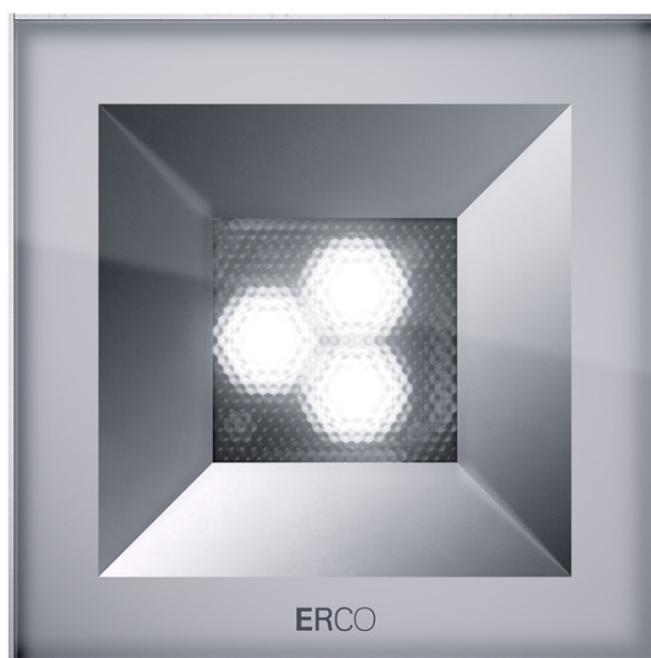
Bringing out wall surfaces, effectively illuminating architecture, marking out pathways: Nadir IP67 for indoor applications performs these and other tasks with peerless elegance. In square or round versions and with a discreet stainless steel mounting frame, the luminaire's mounting is virtually flush with the floor. Needless to say, it can also be mounted covering the surrounding cut-out. Nadir IP67 is a highly flexible system, letting you vary the recess

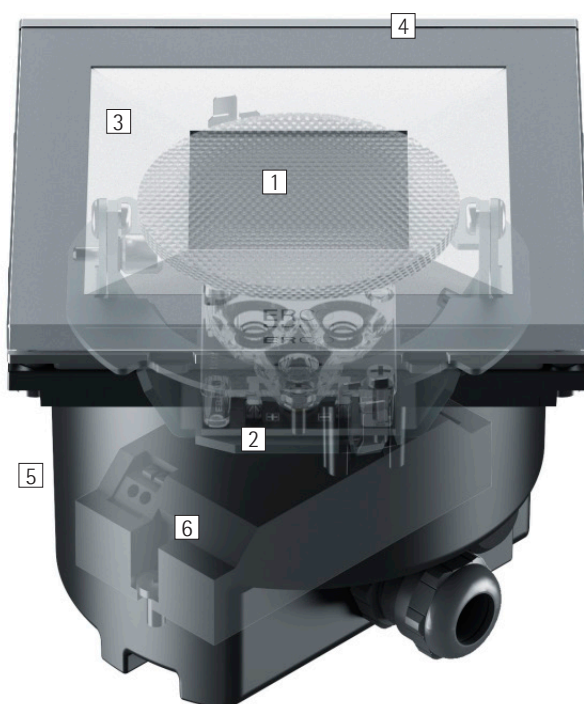
depth to suit the actual floor conditions.

## **Related ranges**



**Nadir IP67 round**  
Recessed floor  
luminaires  
Page 560





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: spot or oval flood

### 2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer
- 0°-25° tilt
- Directional spotlight rotatable through 90°

### 3 Perforated shield

- Aluminium, silver, highly specular anodised

### 4 Safety glass

- 6mm, clear or with diffuser
- Load 5kN

### 5 Housing

- For mounting in accessories
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Black, double powder-coated
- Cable 2x1,5mm<sup>2</sup>
- Mounting accessories to be ordered separately
- To avoid submersion in standing water provide local drainage

### 6 Control gear

- Switchable

### Protection mode IP67

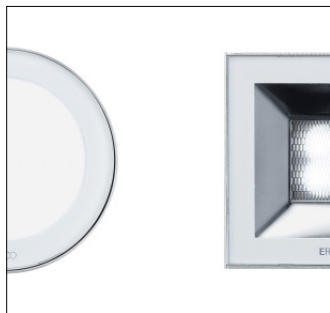
Dustproof and protected against the consequences of partial immersion



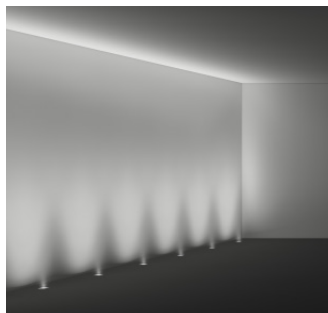
Design and application:  
[www.erco.com/nadir-square](http://www.erco.com/nadir-square)



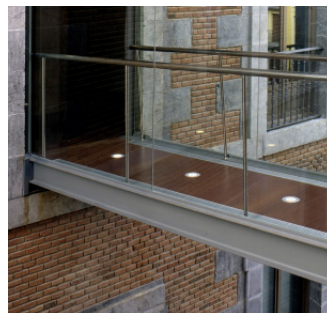
## Nadir IP67 square Recessed floor luminaires



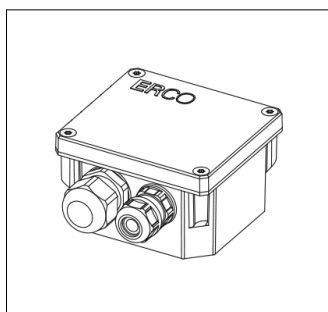
**Available in round or square**  
The ERCO system design includes round and square versions to provide luminaires suited to the architecture and surroundings.



**Grazing light**  
Grazing light wallwashers need to be positioned close to the wall for ideal effects.



**Shallow recess depth**  
For compact mounting situations, ERCO has developed luminaires with a shallow recess depth to provide excellent light quality in areas with limited installation space.



**Protection mode IP67**  
Luminaires with protection mode IP67 are dusttight and protected against the results of temporary immersion.

### Special characteristics



Grazing light wallwasher



Available in round or square



Shallow recess depth



Protection mode IP67



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Flush or covered mounting detail

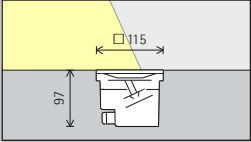


Switchable



Nadir IP67 square Recessed floor luminaires

Construction size









115mm

LED module



Maximum value at 4000K CRI 82

3W/450lm


Light colour





	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

Light distribution

Grazing light wallwashers	Directional luminaires
 Oval flood	 Spot

Control

 Switchable

Accessories		Junction box		Mounting frame
		Mounting housing		Suction holder



Schloßgut Weissenhaus Hotel,  
Weissenhaus.  
Markus- Dieden-  
hofen Innenar-  
chitektur, Reutlin-  
gen. moodworks,  
Lensahn. Pho-  
tography: Frieder  
Blickle, Hamburg.

\* available on request

Article numbers and planning data:  
[www.erco.com/018333](http://www.erco.com/018333)

Design and application:  
[www.erco.com/nadir-square](http://www.erco.com/nadir-square)





## Weather resistant. Precise. Projectors, floodlights and wallwashers

Projectors, floodlights and wallwashers enable effective lighting in outdoor areas. With different sizes and a wide range of lumen classes, smaller buildings can be illuminated just as impressively as monumental facades. Projectors are predestined for rich-contrast accenting without spill light. Floodlights and wallwashers achieve the uniform illumination of surfaces – even from long projection distances and under difficult installation conditions. The lighting tools simultaneously meet all requirements for high visual comfort in outdoor areas.



Overview of all ranges: from page 578

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



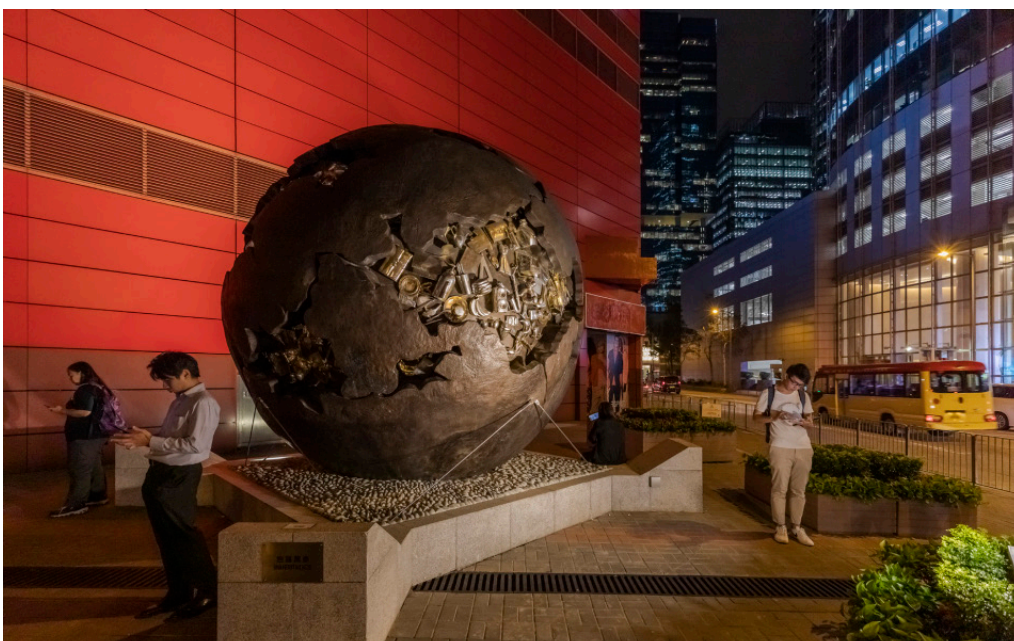
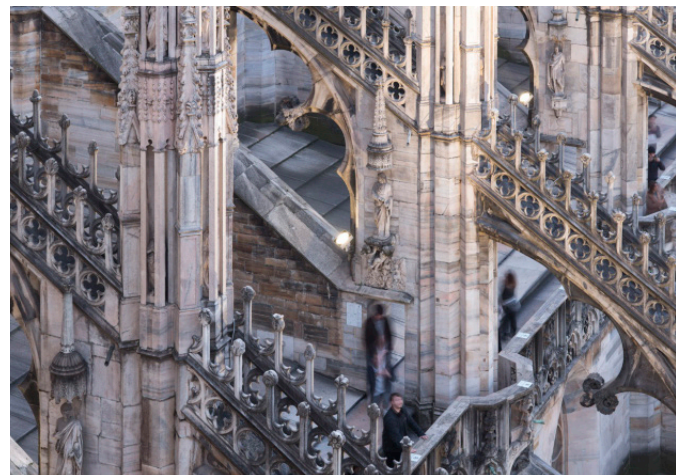




### Illuminating large buildings

- High lumen output for light from large distances
- Precise beam angles accurately model facade details
- Versatile mounting options for simple fixing to roofs, masts and facades

Products used:  
**Lightsan** page 612  
**Gecko** page 586



### Setting impressive accents

- Compact luminaire sizes are ideal for short lighting distances
- Many light distributions for accentuations without spill light
- Simple mounting on the ground

Products used:  
**Kona XS** page 580





### Light for large plazas

- High visual comfort thanks to precise beam angle
- Efficient LED lighting technology for economical and low-maintenance operation
- Accessories for various mounting options

Products used:  
**Kona** page 598

### Light for urban life

- Wallwashing creates orientation and brightness
- Low maintenance and durable due to luminaires with L90/B10
- Low cabling requirements: safety class II

Products used:  
**Lightscan** page 612







#### Staging with colour

- Dynamic contrasts with use of coloured light
- Low-maintenance optoelectronics for minimum operating costs
- Different light distributions available for precise accenting and flooding

Products used:  
Lightscan page 612

#### Light for landmarks

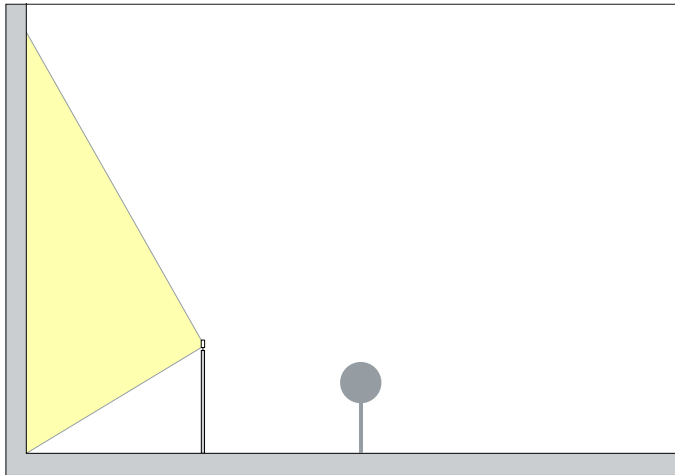
- Narrow light distributions ensure precise accents
- Small luminaire dimensions for unobtrusive light sources
- Low-maintenance optoelectronics for minimum operating costs

Products used:  
Lightscan page 612



## These lighting tools solve your lighting tasks

You'd like to illuminate large facades with just a few luminaires?



Lightscan  
page 612

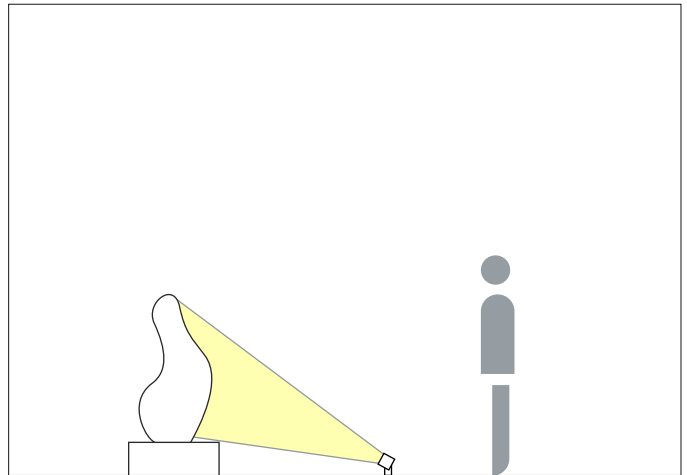


Kona  
page 598



Parscoop  
page 620

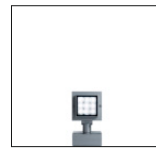
You'd like to illuminate smaller sculptures outdoors?



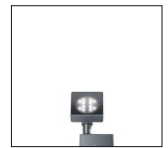
Kona XS  
page 580



Gecko  
page 586



Grasshopper  
page 606



Lightscan  
page 612

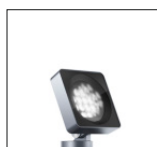
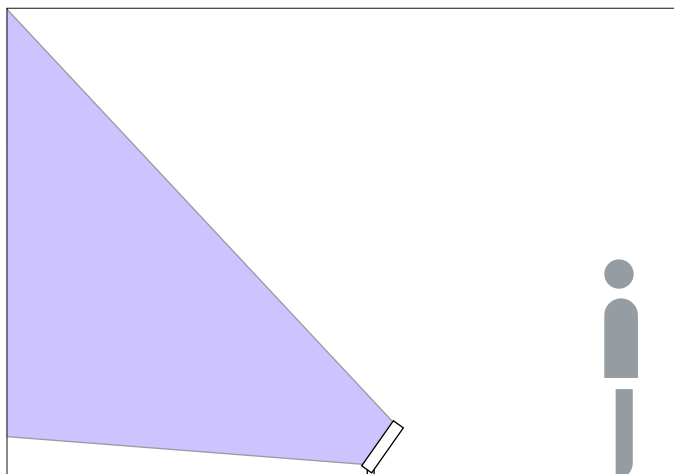
### Wallwashers for uniform lighting with wide luminaire spacing

- ✓ High-efficiency lighting technology
- ✓ Diverse mounting options
- ✓ Ideal for long projection distances

### Precise projectors for high-contrast displays

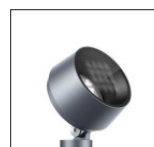
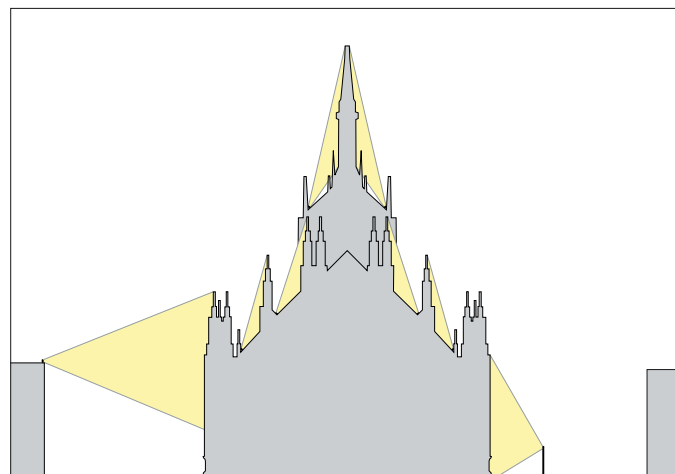
- ✓ Compact sizes for almost invisible light sources
- ✓ Seven light distributions
- ✓ Adjustable and maintenance-free

**You'd like to display architecture in colour?**



**Lightscan**  
page 612

**You have particularly high requirements for outdoor projectors?**



**Kona**  
page 598



**Kona XS**  
page 580



**Beamer**  
page 592

### **RGBW luminaires for scenographic lighting concepts**

- ✓ Generation of pastel tones or saturated colours
- ✓ Ideal for changing light scenes
- ✓ Enhances the corporate design of brands and companies

### **Projectors with the characteristics of museum spotlights for outdoors**

- ✓ Highest precision for maximum illuminance on the target surface
- ✓ Seven light distributions
- ✓ High quality optics for demanding visual tasks





## Light quality with precision

ERCO luminaires project their light via highly efficient Spherolit technology. This creates precisely defined beams of light without spill light. Noteworthy is that high illuminance is achieved even with small wattages.

## Staging with colour

RGBW luminaires enable scenographic lighting concepts with pastel colour tones and saturated colours.



Wallwash



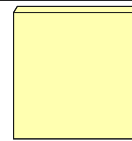
Narrow spot < 10°



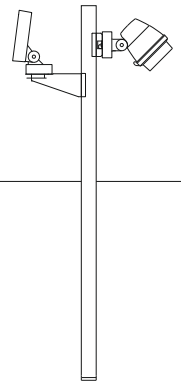
Spot 10°–20°



Flood 25°–35°



Wide flood > 45°



This distinguishes our projectors, floodlights and wallwashers

## For all types of weather

All ERCO projectors, floodlights and wallwashers have an IP65 protection rating, which means they are dustproof and protected against jets of water from all directions.



## From small to large

You'll find the right size and lumen package for every lighting task: perfect from small gardens to monumental facades.

2W/210lm 96W/13200lm



## Outstanding visual comfort

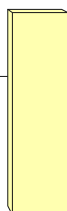
To achieve a particularly high level of visual comfort, ERCO has developed luminaires that ideally shield the light source thanks to their special housing design.

## Mounting in any location

Whether on the ground, on facades or high masts – design flexibly with projectors. Find suitable accessories for any mounting situation – for example on cross-beams, ground spikes or mast clamps.



Extra wide flood  
> 80°



Oval flood  
approx. 20°x 60°



## Seven light distributions

At ERCO you'll find the right lighting tools: projectors, flood-lights and wallwashers illuminate your projects precisely – from accentuating small details to flooding towering facades.

## Extremely durable

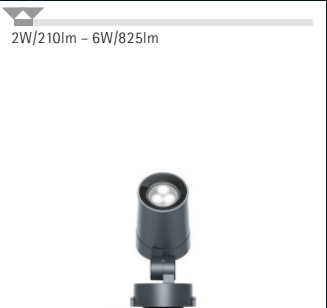
Due to their excellent maintenance of luminous flux, ERCO luminaires feature high security of investment: L90/B10 with up to 50,000 operating hours. At 5 hours a day, this means over 25 years of low-maintenance operation with outstanding photometric characteristics – ideal for difficult-to-access mounting locations.

## Customise

"ERCO individual" offers extensive options for the individualisation of product ranges:  
[erco.com/individual](http://erco.com/individual)



Projectors, floodlights and wallwashers



Kona XS 580

- Small luminaire dimensions
- Small lumen packages available
- Very high visual comfort
- Hospitality, Living



Gecko 586

- Small luminaire dimensions
- High visual comfort
- Oval flood freely rotatable
- Hospitality, Culture



Beamer 592

- Very high visual comfort
- Public, Community, Contemplation



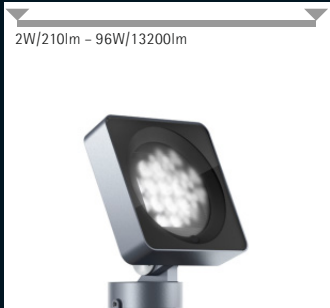
Kona 598

- High visual comfort
- Five sizes
- Dimmable on the luminaire
- Community, Public, Culture



Grasshopper 606

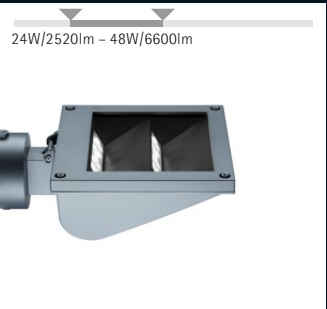
- Small luminaire dimensions
- Hospitality, Culture



Lightscan 612

- RGBW available
- Five sizes
- Dimmable on the luminaire
- Community, Public, Culture

Wallwashers and ceiling-washers



Parscoop 620

- Extremely uniform wall/ceiling-washlighting
- Large luminaire spacing
- Public, Community



Cutty Sark,  
National Maritime Museum,  
London. Photography: Gavriil  
Papadiotis, London.



Wijnhuistoren,  
Zutphen. Lighting design:  
Studio DL,  
Hildesheim. Photography: Thomas  
Mayer, Neuss.







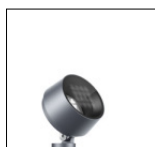
# Kona XS – Straightforward and compact

## The small, sophisticated tool for outdoor lighting

Not every outdoor lighting project requires a powerhouse approach – especially when used in frequently populated urban areas, in parks or around buildings. Kona XS is the smallest outdoor projector in the ERCO range, with a lighting technology reduced to what is essential – brilliant light of the familiar superb quality provided by Spherolit LED lens systems, with a huge range of distribution options. This enables precise and efficient lighting concepts without detracting from the magic of the night. Kona XS adopts the modern, tapered hous-

ing design of its larger cousins in the Kona range, with a smooth yet robust aluminium housing designed for easy installation and maintenance.

## Related ranges



**Kona**  
Projectors, flood-  
lights, wallwashers  
Page 600





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood or wallwash

#### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

#### 3 Luminaire head and housing

- Graphit m
- Corrosion-resistant aluminium, no-rinse surface treated
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Anti-glare cone: polymer, black lacquered
- Non-reflective safety glass

#### 4 Control gear

- Switchable

#### Protection mode IP65

Dust-tight and water jet-proof

#### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/kona-xs](http://www.erco.com/kona-xs)



## Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.

## Special characteristics



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Pivotable through 130°



Protection mode IP65

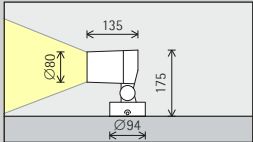


Switchable



Kona XS Projectors, floodlights, wallwasher

Construction size



Ø 80mm

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

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

Control

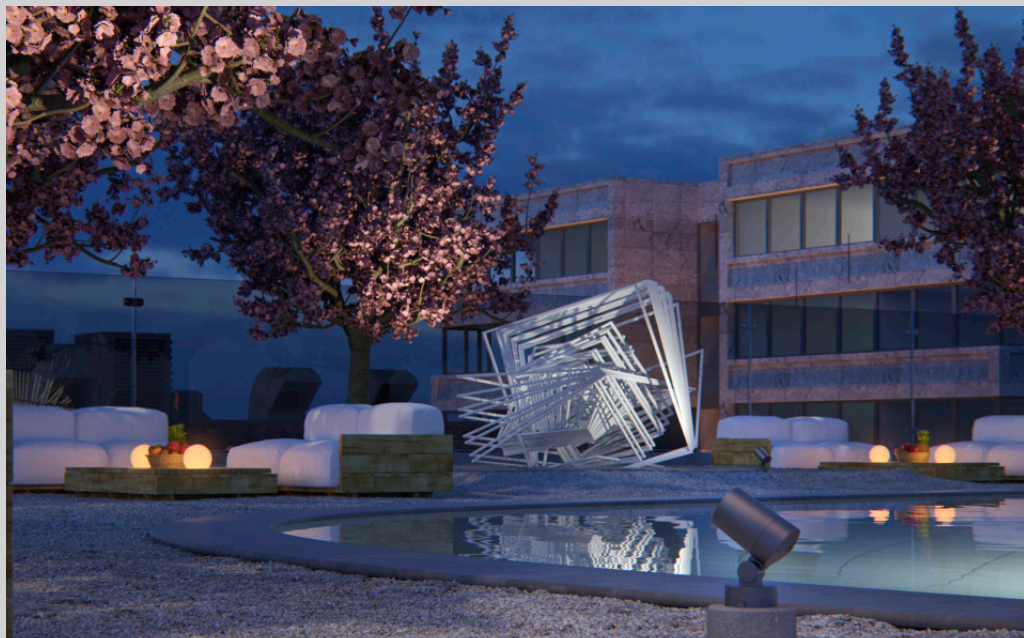
	Switchable
--	------------

Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Ground spike
	Mounting plate



\* available on request

Article numbers and planning data:  
[www.erco.com/016064](http://www.erco.com/016064)

Design and application:  
[www.erco.com/kona-xs](http://www.erco.com/kona-xs)









# Gecko – Powerful light from a virtually invisible source

## Glare-free accent lighting, flood-lighting and wallwashing in the outdoor area

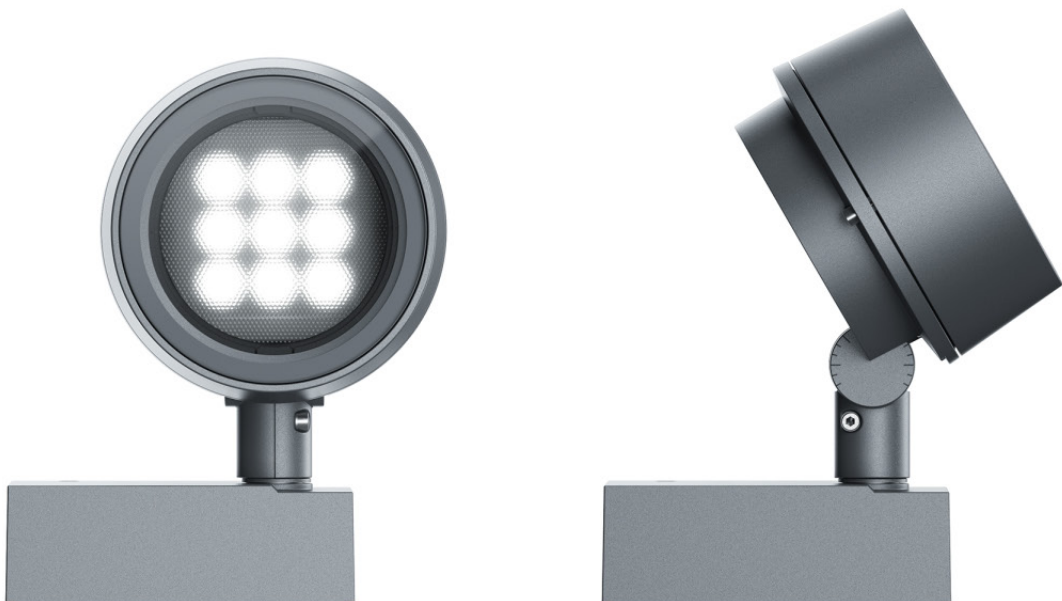
Gecko emanates refined power despite its compact form. This is achieved by combining a slightly conical shape with quality design details such as seamless transitions. With its fluid, round outlines, this outdoor lighting tool enhances gardens and parks as an adaptable design feature which integrates flexibly in any surroundings. The small housing conceals sophisticated photometric properties: Optionally producing a uniform wide beam or sharp-edged accent light, Gecko creates impressive

façade and other outdoor lighting effects that require just a few of these luminaires. Excellent glare control ensures accent lighting, floodlighting and wallwashing from a virtually invisible light source. With a luminaire head that can be tilted and rotated in any direction, Gecko is quick and easy to adjust precisely to the required position, as its maintenance-free LED optoelectronics help to reduce the operating costs.

## Related ranges



**Grasshopper**  
Projectors, flood-  
lights, wallwashers  
Page 608







## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherulit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Light head

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Non-reflective safety glass

### 4 Housing and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Optimised surface for reduced accumulation of dirt
- 130° tilt, 360° rotation
- Hinge with sealing and inner cable routing

### 5 Mounting plate

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Optimised surface for reduced accumulation of dirt

### 6 Control gear

- Switchable or DALI dimmable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



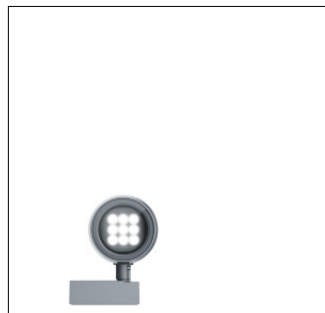
Design and application:  
[www.erco.com/gecko](http://www.erco.com/gecko)



**Oval flood freely rotatable**  
The round oval flood Spherolit lens can be freely rotated with all luminaires to optimally align the light to various objects.



**Improved visual comfort**  
ERCO has developed luminaires with special housing designs and highquality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



**Small luminaire dimensions**  
Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.

## Special characteristics



Improved visual comfort



Oval flood, freely rotatable



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotable through 130°



Protection mode IP65



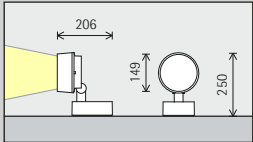
Switchable



DALI dimmable

Gecko Projectors, floodlights, wallwashers

Construction size









Ø 149mm








LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	8W/1100lm (Narrow spot)
18W/2475lm	


Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

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




Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Spacer
	Ground spike		



Railway station, Bergen. Lighting design: Multiconsult: Ruth Marie Bottenheim. Photography: Johan Elm, Stockholm.

\* available on request

Article numbers and planning data:  
[www.erco.com/015338](http://www.erco.com/015338)

Design and application:  
[www.erco.com/gecko](http://www.erco.com/gecko)









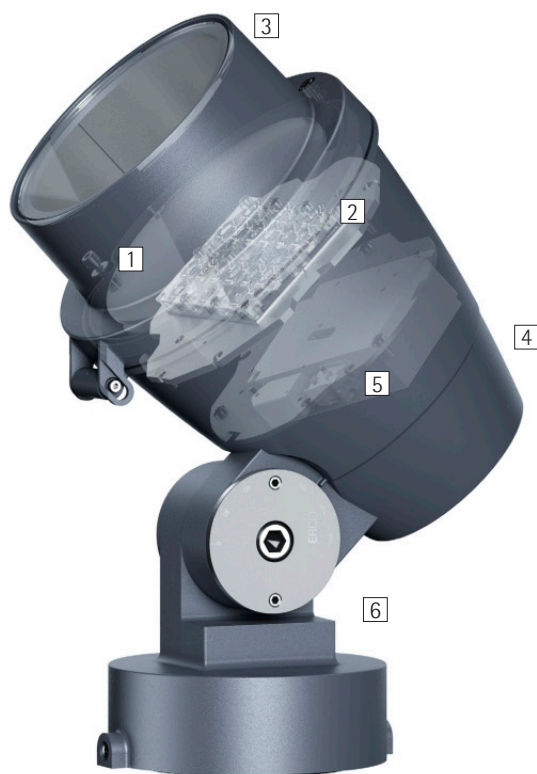
# Beamer – Maximum visual comfort for superior standards

**In a typical spotlight design, the Beamer range delivers efficient accentuation and floodlighting of outdoor areas**

Beamer stands for striking light effects for monuments, structures and vegetation. Protected by an exceptionally durable housing, the projector offers highly variable solutions for your lighting tasks. An additional snoot provides enhanced glare control for even higher levels of visual comfort and makes certain that the light shines only, and precisely, where it is needed. The mounting accessories help you install the Beamer wherever you need it. Thanks to the graduations

on the hinge, the luminaire can be aligned with repetitive accuracy. The maintenance-free optoelectronics of the Beamer guarantee maximum efficiency to save our resources and result in lower operating costs.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood or oval flood
- Oval flood 360° rotation

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Snoot

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Without stray light
- Safety glass

### 4 Housing

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 5 Control gear

- Switchable

### 6 Mounting plate and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Mounting plate: rotatable through 300°
- Hinge: 130° tilt
- Internal wiring
- Dial: corrosion-resistant aluminium

## Protection mode IP65

Dust-tight and water jet-proof

## Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/beamer](http://www.erco.com/beamer)

## Beamer Projectors, floodlights



### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.



### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



### Lockable

To ensure continuously fixed alignment of the light beam, the alignment can be securely locked.

### Special characteristics



Oval flood, freely rotatable



Various construction sizes



Lockable



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotable through 130°



Protection mode IP65



Accessory for mounting variants

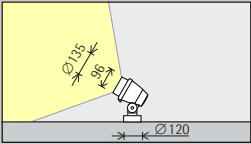


Switchable



Beamer Projectors, floodlights

Construction size



Ø 135mm

LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	4W/550lm (Narrow spot)
------------	------------------------

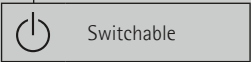
Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

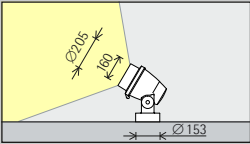
Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood

Control



Colour (housing)

	Graphit m
	10,000 colours *

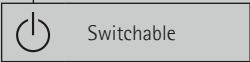


Ø 205mm

36W/4950lm	14W/1925lm (Narrow spot)
------------	--------------------------

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood



	Graphit m
	10,000 colours *

Accessories

	Distribution box		Cantilever arm
	Anchorage unit		Attachment
	Concrete anchor		Clamping plate
	Mounting plate		Spacer



German Pavilion, „Fields of Ideas“, Expo, Milan.  
 Architecture: Schmidhuber, Munich / Milla & Partner, Stuttgart.  
 Photography: Dirk Vogel, Altena.

\* available on request

Article numbers and planning data:  
[www.erco.com/011752](http://www.erco.com/011752)

Design and application:  
[www.erco.com/beamer](http://www.erco.com/beamer)









# Kona – Maximum visual comfort for a wide range of lighting tasks

## High luminous flux and maximum visual comfort for lighting tasks in the outdoor area

Kona is ideal for illuminating large buildings and objects. The round, conically-shaped luminaire housing provides outstanding visual comfort with very good shielding properties. The family of luminaires consists of several sizes with diverse light distributions – ranging from point-based illumination from extended distances with narrow spot Spherolit lenses and wide flood and oval flood distributions to homogenous wallwashing with a wallwash lens. Its high luminous flux makes Kona an ideal lighting

tool for large projection distances and wide spacing between luminaires. Its circular design means the luminaire can be flexibly used in highly different room situations and architectural styles. The maintenance-free, durable optoelectronics reduce operating costs and also enable operation in difficult-to-access installation locations. Kona features a weather-resistant housing and is precisely aligned thanks to a pan-and-tilt mounting plate. With extensive mounting accessories the luminaire is also easy to install in a wide variety of outdoor applications.

## Related ranges



**Kona XS**  
Projectors, flood-  
lights, wallwashers  
Page 582







## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation
- Narrow spot, spot and flood: cut-off angle 30°

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Housing

- Graphite m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Anti-glare cone: polymer, black lacquered
- Safety glass

### 4 Control gear

- Switchable, phase dimmable+On-board Dim or DALI dimmable
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 5 Mounting plate and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment or polymer
- Graphite m, double powder-coated or coated
- 90° tilt, 300° rotation or 120° tilt, 360° rotation
- Internal wiring

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/kona](http://www.erco.com/kona)

## Kona Projectors, floodlights, wallwashers



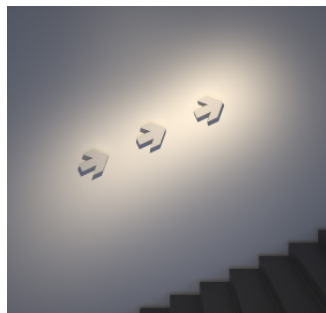
### Large lumen packages for very high illuminances

The attention of the viewer can be focused via contrasting accents. ERCO offers high-performance luminaires with large lumen packages for this purpose.



### Improved visual comfort

ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Oval flood freely rotatable

The oval flood Spherolit lens can be freely rotated with round luminaire heads to optimally match the lighting to various objects.



### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

### Special characteristics



Improved visual comfort



Large lumen packages for very high illuminances



Oval flood, freely rotatable



Various construction sizes



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotable through 90°  
Lockable



Protection mode IP65



Accessory for mounting variants



Switchable



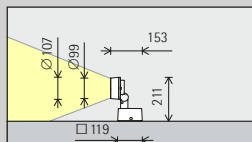
Phase dimmable +  
On-board Dim



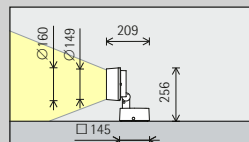
DALI dimmable

# Kona Projectors, floodlights, wallwasher

## Construction size



Ø 107mm



Ø 160mm

## LED module

Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

12W/1650lm	8W/1100lm (Narrow spot)
19W/2700lm	
24W/3300lm	

## Light colour

2700K CRI 92 *	3500K CRI 92 *
3000K CRI 92	4000K CRI 82
3000K CRI 97 *	4000K CRI 92 *

2700K CRI 92 *	3500K CRI 92 *
3000K CRI 92	4000K CRI 82
3000K CRI 97 *	4000K CRI 92 *

## Light distribution

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

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

## Control

Switchable
Phase dimmable + On-board Dim
DALI

Switchable
Phase dimmable + On-board Dim
DALI

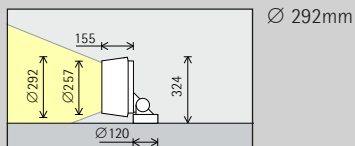
## Colour (housing)

Graphit m
10,000 colours *

Graphit m
10,000 colours *

## Accessories

Distribution box	Mounting plate	Adapter piece
Ground spike	Cantilever arm	Spacer
Anchorage unit	Attachment	
Concrete anchor	Clamping plate	



Ø 292mm

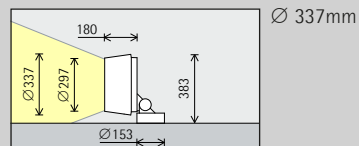
48W/6600lm	18W/2475lm (Narrow spot)
------------	--------------------------

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

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

	Switchable
	DALI

	Graphit m
	10,000 colours *



Ø 337mm

72W/9900lm	32W/4400lm (Narrow spot)
------------	--------------------------

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

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

	Switchable
	DALI

	Graphit m
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/015663](http://www.erco.com/015663)

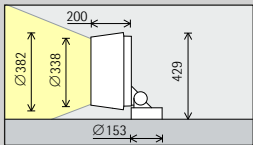
Design and application:  
[www.erco.com/kona](http://www.erco.com/kona)





Kona Projectors, floodlights, wallwasher

Construction size



Ø 382mm

LED module  
Maximum value  
at 4000K CRI 82

96W/13200lm	42W/5775lm (Narrow spot)
-------------	--------------------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

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

Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Mounting plate
	Ground spike		Cantilever arm
	Anchorage unit		Attachment
	Concrete anchor		Clamping plate
	Adapter piece		Spacer



The Central Mall,  
Shanghai. Archi-  
tecture: East Chi-  
na Architectural  
Design Institute,  
Shanghai Zhang  
Ming Architectur-  
al Design Institute  
& CallisonRTKL.  
Lighting design:  
Shanghai New  
Century Lighting  
Co., Ltd. Photogra-  
phy: Jackie Chan,  
Sydney.

\* available on request

Article numbers and planning data:  
[www.erco.com/015663](http://www.erco.com/015663)

Design and application:  
[www.erco.com/kona](http://www.erco.com/kona)









# Grasshopper – Small and mighty

**Grasshopper luminaires deliver accent lighting, floodlighting and wallwashing for outdoor areas**

A prominent architectural detail, Grasshopper is designed for versatile use in the outdoor area. Whether it's accentuating information signs and objects or floodlighting trees or walls – you will find the right light distribution for every task. Their aluminium housing is exceptionally weather-resistant and can be mounted in any position.

The luminaire head can be tilted and rotated in any direction. Maintenance-free optoelectronics guarantee maximum efficiency to save our resources and result in lower operating costs. Precise

photometrics prevent spill light as a further eco-friendly factor.

## Related ranges



**Gecko**  
Projectors, flood-  
lights, wallwashers  
Page 588







### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

#### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

#### 3 Light head

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Non-reflective safety glass

#### 4 Housing and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Optimised surface for reduced accumulation of dirt
- 130° tilt, 360° rotation
- Hinge with sealing and inner cable routing

#### 5 Mounting plate

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Optimised surface for reduced accumulation of dirt

#### 6 Control gear

- Switchable or DALI dimmable

#### Protection mode IP65

Dust-tight and water jet-proof

#### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/grasshopper](http://www.erco.com/grasshopper)

## Grasshopper Projectors, floodlights, wallwashers



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Small luminaire dimensions are particularly advantageous in compact room situations.

### Special characteristics



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotal through 130°



Protection mode IP65



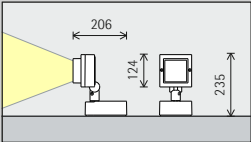
Switchable



DALI dimmable

Grasshopper Projectors, floodlights, wallwashers

Construction size



124mm

LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	8W/1100lm (Narrow spot)
18W/2475lm	

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

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

Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Spacer
	Ground spike		



Suzlon One Earth  
Campus, Pune.  
Architecture:  
CCBA, Tao Archi-  
tects, Ravi Et Var-  
sha Govandi.  
Lighting design:  
Sathish Rana.  
Photography:  
Swapan Parekh.

\* available on request

Article numbers and planning data:  
[www.erco.com/012729](http://www.erco.com/012729)

Design and application:  
[www.erco.com/grasshopper](http://www.erco.com/grasshopper)









# Lightscan – Radiance in digital form

## Lightscan for sophisticated lighting tasks in outdoor areas

Lightscan lends a new flair to outdoor lighting, yet cuts an equally fine figure indoors where applications call for a higher protection mode. Elegant look and highly efficient photometrics join to form a perfect symbiosis. Its high levels of luminous flux enable the illumination of buildings, walls or objects even where these are exceptionally tall or offer few options to position the projectors. A wide range of light distributions ensures that the light is projected only where it's needed.

Lightscan is exceptionally weather-resistant, as its slim silhouette blends harmoniously with the surroundings. Its flush cover glass as a contributing factor looks the part, elegantly providing reliable protection, but is also most easy to clean. An extensive range of mounting hardware means the Lightscan effortlessly fulfils different requirements of its environment making it a versatile tool in lighting design. Maintenance-free optoelectronics guarantee maximum efficiency to help save our resources and result in lower operating costs.

### Related ranges



**Lightscan**  
Façade luminaires  
Page 636



**Lightscan**  
Surface-mounted  
luminaires  
Page 744





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K), neutral white (4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with highly reflective colour mixer

### 3 Housing

- Graphite m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Cover frame: powder-coated black
- Safety glass

### 4 Control gear

- Switchable, phase dimmable+On-board Dim or DALI dimmable
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

### 5 Mounting plate and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment or polymer
- Graphite m, double powder-coated or coated
- 90° tilt, 300° or 360° rotation
- Internal wiring

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/lightscan](http://www.erco.com/lightscan)

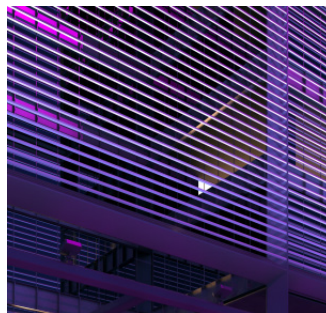
## Lightscan Projectors, floodlights, wallwashers



**Oval flood freely rotatable**  
The round oval flood Spherolit lens can be freely rotated with all luminaires to optimally align the light to various objects.



**Large lumen packages for very high illuminances**  
The attention of the viewer can be focused via contrasting accents. ERCO offers high-performance luminaires with large lumen packages for this purpose.



**Coloured light**  
Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



**Various construction sizes**  
The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

### Special characteristics



Large lumen packages for very high illuminances



Oval flood, freely rotatable



Coloured light



Various construction sizes



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotable through 90°  
Lockable



Protection mode IP65



Accessory for mounting variants



Switchable



Phase dimmable +  
On-board Dim

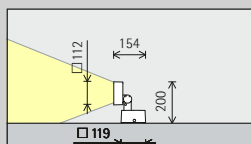


DALI dimmable

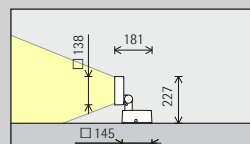


# Lightscan Projectors, floodlights, wallwasher

## Construction size



112mm



138mm

## LED module

Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
----------	------------------------

12W/1650lm	8W/1100lm (Narrow spot)
19W/2700lm	
24W/3300lm	

## Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

## Light distribution

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

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

## Control

	Switchable
	Phase dimmable + On-board Dim
	DALI

	Switchable
	Phase dimmable + On-board Dim
	DALI

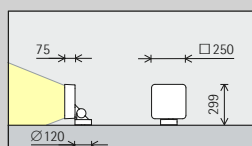
## Colour (housing)

	Graphit m
	10,000 colours *

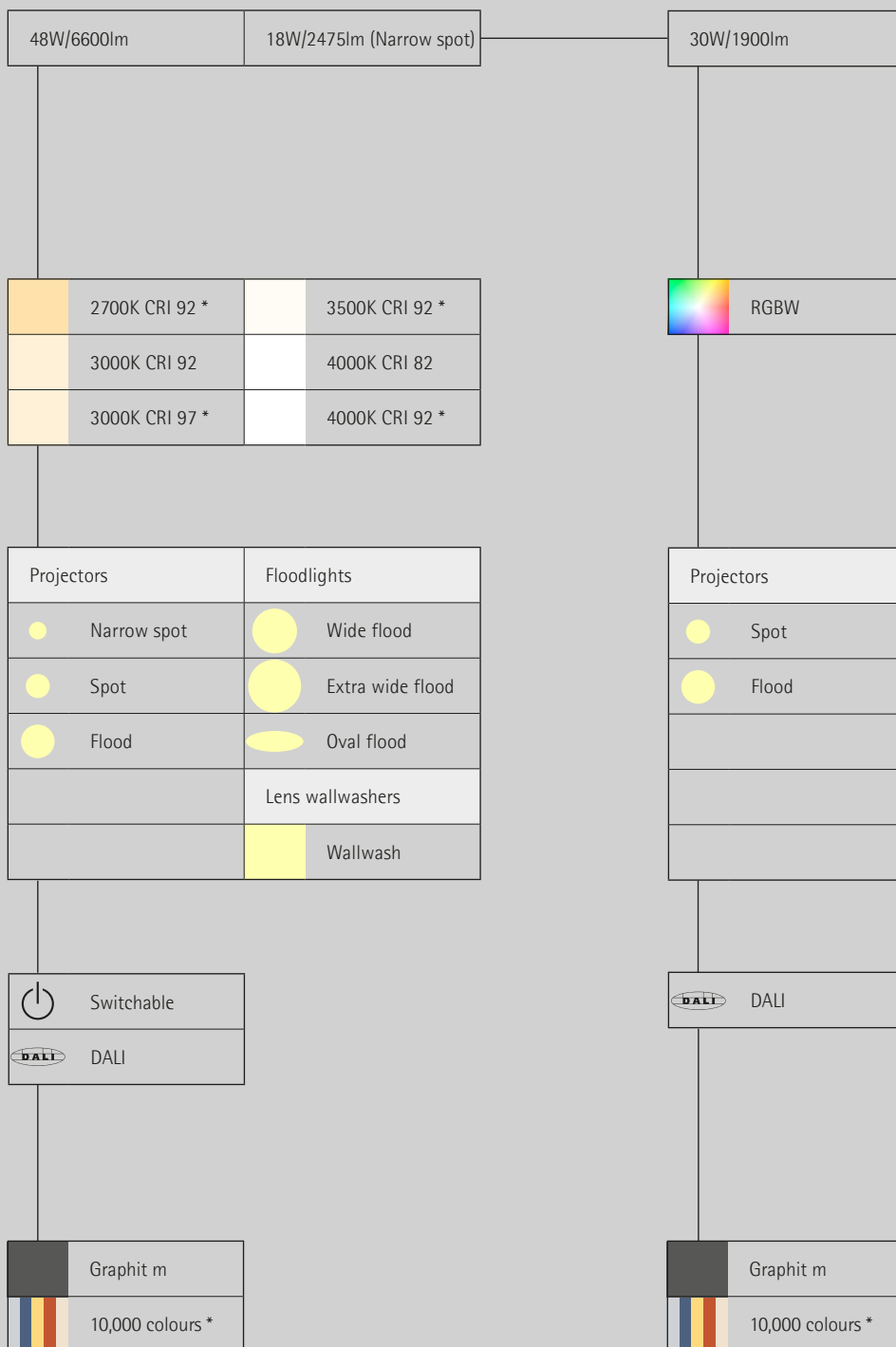
	Graphit m
	10,000 colours *

## Accessories

	Distribution box		Mounting plate		Adapter piece
	Ground spike		Cantilever arm		Spacer
	Anchorage unit		Attachment		
	Concrete anchor		Clamping plate		



250mm



\* available on request

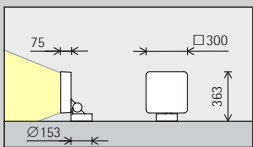
Article numbers and planning data:  
[www.erco.com/014700](http://www.erco.com/014700)

Design and application:  
[www.erco.com/lightscan](http://www.erco.com/lightscan)

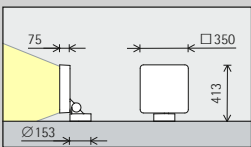


Lightscan Projectors, floodlights, wallwasher

Construction size



300mm



350mm

LED module  
Maximum value  
at 4000K CRI 82

72W/9900lm	32W/4400lm (Narrow spot)
------------	--------------------------

96W/13200lm	42W/5775lm (Narrow spot)
-------------	--------------------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

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

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

Control

	Switchable
	DALI

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Mounting plate		Adapter piece
	Ground spike		Cantilever arm		Spacer
	Anchorage unit		Attachment		
	Concrete anchor		Clamping plate		



Fori Imperiali,  
Rome. Lighting  
design: Vittorio  
Storaro, Rome;  
Francesca Storaro,  
Castel Gandolfo.  
Photography:  
Vittorio Storaro,  
Rome / Castel  
Gandolfo.

\* available on request

Article numbers and planning data:  
[www.erco.com/014700](http://www.erco.com/014700)

Design and application:  
[www.erco.com/lightscan](http://www.erco.com/lightscan)









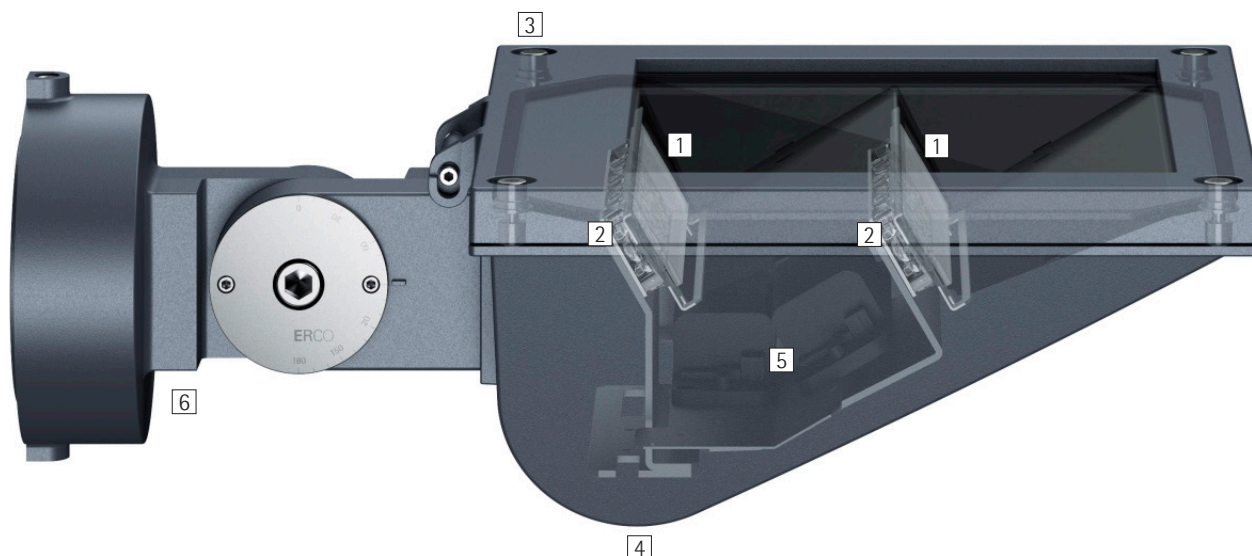


## Parscoop – A floodlight for any purpose

**Parscoop ensures powerful wallwashing and ceiling wash-lighting in outdoor and indoor areas**

Parks, historic sites, buildings – Parscoop comes into its own wherever powerful and high-quality flood-lighting is required. Deep or wide surfaces, walls or ceilings – its different light intensity distributions and levels of luminous flux along with flexible adjustment and mounting options mean that Parscoop responds well to any of your lighting tasks and requirements. Mounted quickly and easily, the graduated disk on the hinge helps

you align the luminaire effortlessly with reproducible accuracy. The housing ensures highly weather-resistant and stylish protection for the maintenance-free optoelectronics of the LED luminaires.



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Cover frame

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Safety glass

### 4 Housing

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 5 Control gear

- Phase dimmable
- Dimming with external dimmers possible (trailing edge)

### 6 Mounting plate and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Mounting plate: rotatable through 300°
- Hinge:  $\pm 90^\circ$  tilt
- Internal wiring
- Dial: corrosion-resistant aluminium

## Protection mode IP65

Dust-tight and water jet-proof

## Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.



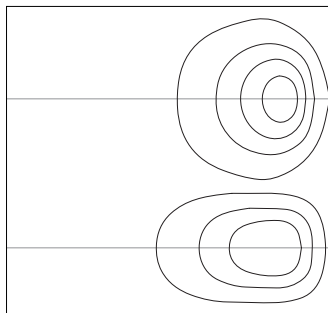
Design and application:  
[www.erco.com/parscoop](http://www.erco.com/parscoop)

## Parscoop Wallwashers/ceiling washlights



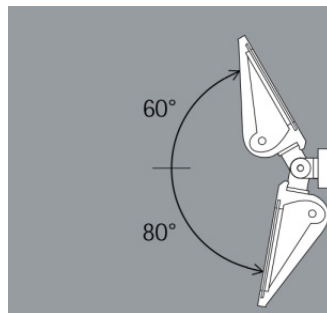
### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.



### Wide or deep beam distribution

The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.



### Lockable

To ensure continuously fixed alignment of the light beam, the alignment can be securely locked.



### Wide luminaire spacing with ceiling washlighting/wallwashing

Efficient ERCO photometrics allow certain luminaires to be spaced unusually far apart at up to 1.5 times the distance to wall.

### Special characteristics



Different light distributions: wide or deep



Various construction sizes



Lockable



Wide luminaire spacing with ceiling washlighting / wallwashing



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotable by  $\pm 90^\circ$



Protection mode IP65



Accessory for mounting variants

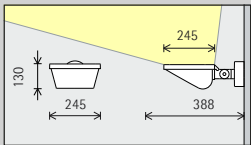


Phase dimmable



Parscoop Wallwashers/ceiling washlights

Construction size 245mm



LED module  
Maximum value  
at 4000K CRI 82

24W/3300lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

Wallwashers/ceiling washlights	Ceiling washlights
Wide beam	Wide beam
Deep beam	Deep beam

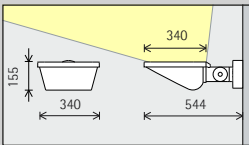
Control

Phase dimmable

Colour (housing)

Graphit m  
10,000 colours \*

340mm



48W/6600lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Wallwashers/ceiling washlights	Ceiling washlights
Wide beam	Wide beam
Deep beam	Deep beam

Phase dimmable

Graphit m  
10,000 colours \*

Accessories

	Distribution box		Cantilever arm
	Ground socket		Attachment
	Concrete anchor		Clamping plate
	Mounting plate		Spacer



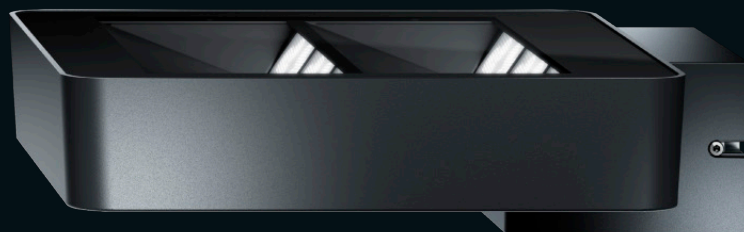
Siegerland motorway church, Wilnsdorf. Architecture: schneider + schumacher, Frankfurt am Main. Photography: Dirk Vogel, Altena.

\* available on request

Article numbers and planning data:  
[www.erco.com/013575](http://www.erco.com/013575)

Design and application:  
[www.erco.com/parscoop](http://www.erco.com/parscoop)





## Universal. Elegant. Facade luminaires

Vertical surfaces in the urban space contribute significantly to the spatial impression of squares, road junctions and buildings. Facade lighting is therefore an important element in urban lighting. The wide range of facade luminaires includes diverse lighting solutions – from grazing light on facades to path and route lighting around buildings.



Overview of all ranges from p. 632  
[www.erco.com/facade](http://www.erco.com/facade)



### Grazing light for facades

- Vertical illumination for emphasising surface texture
- Wide light distribution for economical luminaire spacing
- Pivotal luminaires enable precise alignment on site

Products used:  
**Focalflood** p. 670

### Guiding with light

- Small surface-mounted luminaires as a discreet detail in architecture
- Light beam shielded from the field of vision for good visual comfort
- Wide light distribution for large luminaire spacing

Products used:  
**Kubus** p. 640





### Illuminating large surfaces

- Uniform brightness distribution on the ceiling creates a high room impression
- Narrow light distribution for illuminating large roof areas with just a few luminaires
- Above-average luminaire spacing reduces investment and operating costs

Products used:  
**Lightscan** p. 634







#### Light for facades and paths

- Combination of grazing light and path lighting in one luminaire
- Upwards light beam available in narrow and wide version
- Precisely defined light beams create a high brightness impression

Products used:  
Cylinder p. 664



# This distinguishes our facade luminaires



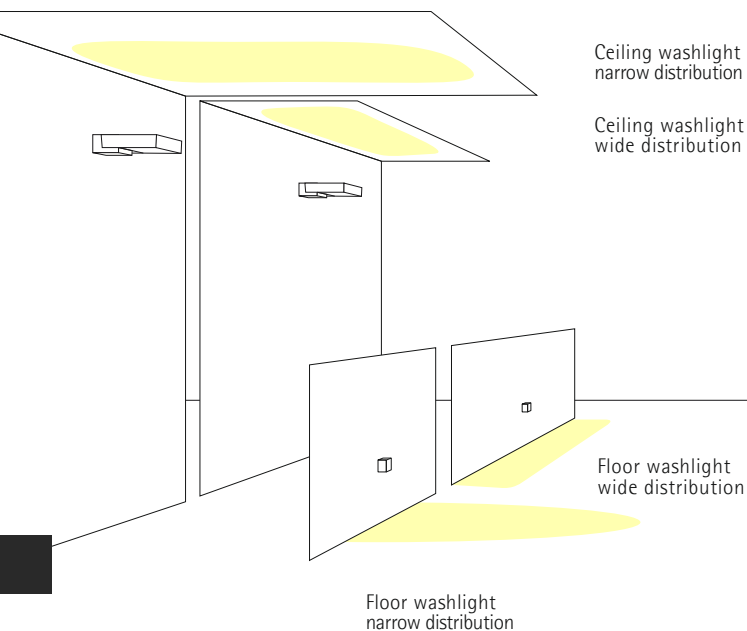
## Wide or narrow distribution

Wide light distribution very efficiently illuminates cantilever roofs or paths along facades. Narrow light distribution is suitable for the large area illumination of ceilings as well as for the open area lighting of squares and terraces.

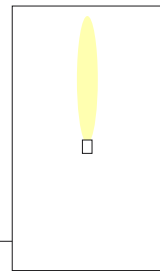


## Available as recessed and surface-mounted version

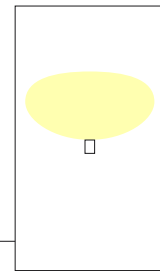
For a discreet appearance, ERCO offers recessed versions of facade luminaires. Surface-mounted luminaires represent a pragmatic and elegant alternative.



Facade luminaire spot



Facade luminaire oval flood



## Variants for upward and downward lighting

Light directed upwards emphasises the height of facades – for a filigree or wide-area appearance. Light beams directed downwards also enable routes along the facade to be illuminated.



## Protection rating IP65

IP65

Luminaires with IP65 protection rating are dusttight and protected against the entry of water jets from all directions.



## Accessory for mounting variants

Some lighting tools can not only be used on buildings, but can also be mounted as recessed wall luminaires.

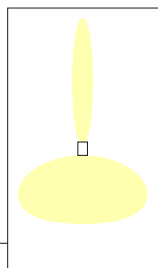


## ERCO individual

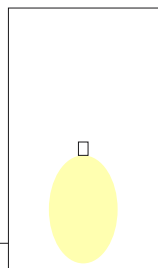
Our "ERCO individual" service can be used to implement customer-specific modifications such as other housing colours or LEDs according to the specific project.

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

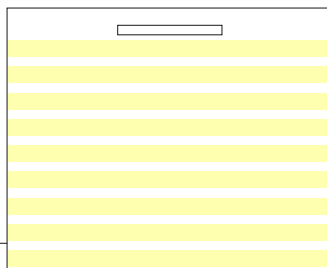
Facade luminaire  
spot / oval flood



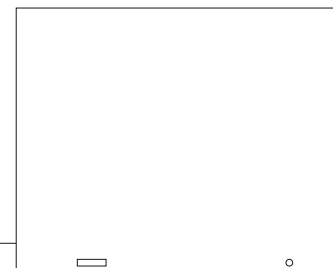
Floor washlight  
oval flood



Facade luminaire  
grazing light



Walklights  
wide distribution



## Grazing light

Grazing light wallwashers enable alignment upwards or downwards.

## Walklights and orientation luminaires

Walklights and orientation luminaires from ERCO are suitable for the efficient illumination of staircases and paths.



Products with these features can be found on the next page.



Ceiling washlights, floor washlights and walklights



Lightscan

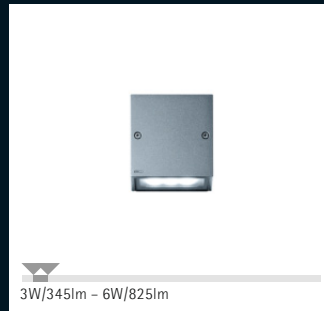
634

Ceiling washlighting

Wide and deep beam light distributions available

Large luminaire spacing

Community



Kubus

640

Floor and facade lighting available

Wide and deep beam light distributions available

Accessories for wall recessing available

Hospitality, Work



Axis walklight

646

High visual comfort

Discreet facade detail

Ideal for steps and paths

Hospitality, Public



Visor

652

Wide and deep beam light distributions available

High visual comfort

Hospitality, Public



Lightmark

658

Wide and deep beam light distributions available

High visual comfort

Hospitality, Public



Cylinder

664

Available as floor and facade lighting

Impressive grazing light

Hospitality, Work



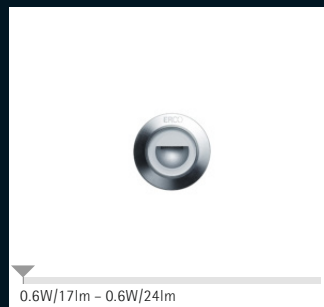
Focalflood

670

Impressive grazing light

Pivotable through 135°

Hospitality, Culture



Orientation luminaires

774

Floor washlights available

Small luminaire dimensions

Hospitality, Community



Museu Etnologic,  
Barcelona. Archi-  
tect: ICUB (Insti-  
tut de Cultura de  
Barcelona).  
Photography:  
Thomas Mayer,  
Neuss.

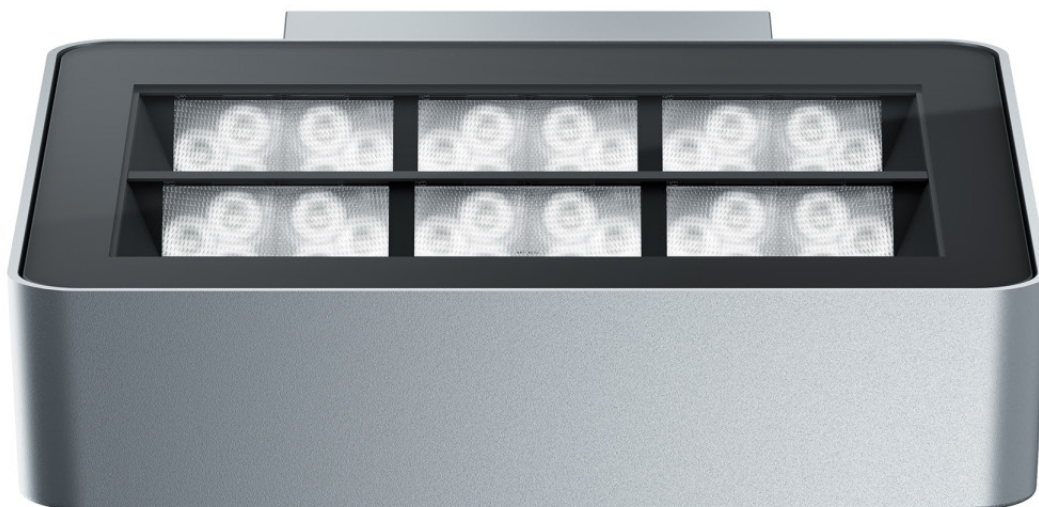


Hotel Principe Di  
Savaioia, Milan.  
Architecture:  
Cesare Tenca.  
Lighting design.  
Milan. Photogra-  
phy: Dirk Vogel,  
Altena.









## Lightscan – Dynamic ceiling illumination for a wide spatial impression

### Using Lightscan façade luminaires to washlight ceilings in airports, train stations, arcades and passages

Lightscan façade luminaires give a light and spacious impression to ceilings especially in such formidable spaces as passages or train stations. The intense, uniform washlighting of the robust luminaire allows for economical illumination of the ceiling with luminaires spaced far apart, performing equally well in outdoor and indoor applications. High levels of luminous flux and efficient photometrics ensure an excellent level

of brightness – particularly in large and high rooms. Two different light distributions – wide or deep beam – offer the perfect solution for the illumination of large ceiling areas. Maintenance-free optoelectronics guarantee maximum efficiency to help save our resources and result in lower operating costs.

### Related ranges

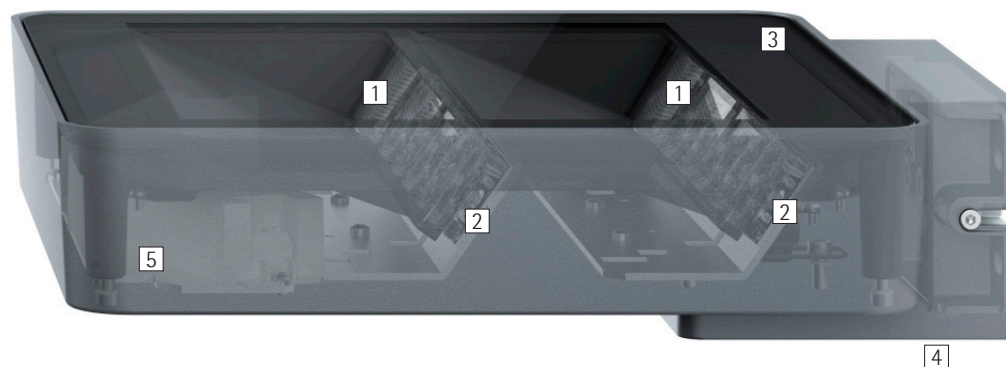


**Lightscan**  
Projectors, flood-  
lights, wallwashers  
Page 614



**Lightscan**  
Surface-mounted  
luminaires  
Page 744





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Cover frame

- Cast aluminium, black powder-coated
- Safety glass

### 4 Housing and wall plate

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 5 Control gear

- Switchable or DALI dimmable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/lightscan-f](http://www.erco.com/lightscan-f)



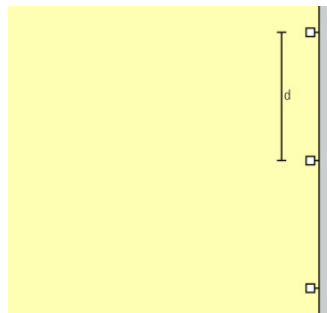
## Different light distributions: wide or deep

The wide light distribution of ceiling washlights efficiently illuminates cantilever roofs along the facade. The deep beam light distribution of ceiling washlights is ideal for the wide-area illumination of ceilings.



## Large lumen packages for very high illuminances

ERCO offers luminaires with large lumen packages for generating very high illuminances.



## Wide luminaire spacing with ceiling washlighting

ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimising the number of luminaires required.

### Special characteristics



Large lumen packages for very high illuminances



Different light distributions: wide or deep



Wide luminaire spacing with ceiling washlighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Protection mode IP65

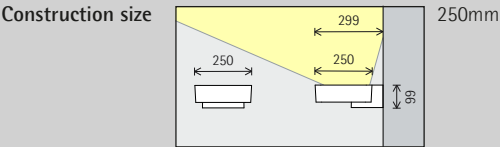


Switchable



DALI dimmable

Lightscan Façade luminaires



LED module

Maximum value at 4000K CRI 82

24W/3300lm
------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

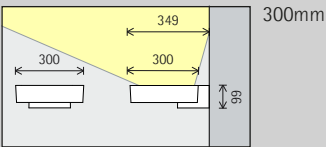
	Ceiling washlights
	Wide beam
	Deep beam

Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *



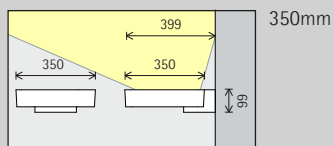
48W/6600lm
------------

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *







	Ceiling washlights
	Wide beam
	Deep beam



	Switchable
	DALI

	Graphit m
	10,000 colours *



72W/9900lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Ceiling washlights	
	Wide beam
	Deep beam

	Switchable
	DALI

	Graphit m
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/015413](http://www.erco.com/015413)

Design and application:  
[www.erco.com/lightscan-f](http://www.erco.com/lightscan-f)









## Kubus – Light from the box

### **Façade lighting and floor wash-lighting for outdoor and indoor areas with a single system design**

During the day, Kubus is all but an inconspicuous structure on the wall – at night, however, the luminaire excels with exquisite light. Kubus is flexible. Using appropriate accessories, the luminaire can be mounted in or on the wall. Underlined with grazing light, wall surfaces are given a new dimension.

Used along traffic routes, Kubus provides optimum visual comfort and reliable orientation for

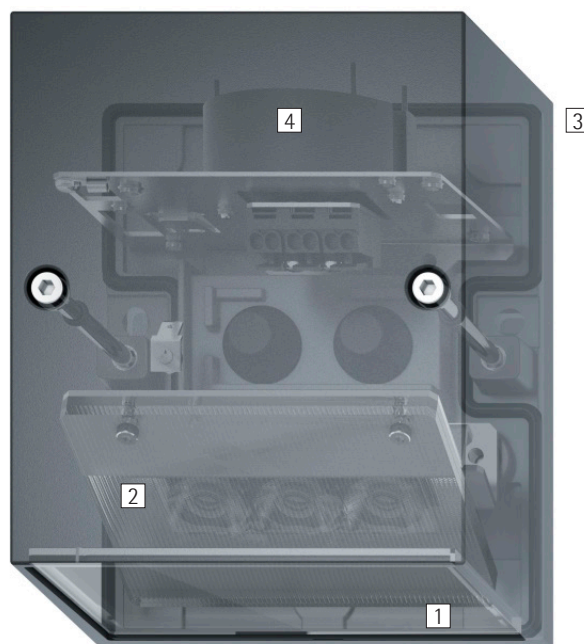
passers-by. In perfect understatement, Kubus combines highly efficient and maintenance-free optoelectronics with a very discreet appearance. Kubus floor wash-lights are also available as bollard luminaires.

### **Related ranges**



**Kubus**  
Bollard luminaires  
Page 698





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 Light emission of floor washlight (below)

- Softec lens as protective glass or non-reflective protective glass
- Wide distribution: sculpture lens or Spherolit lens
- Deep distribution: prismatic lens or Spherolit lens

or

### Light emission of facade luminaire (above)

- Softec lens as protective glass or non-reflective protective glass
- Spherolit lens spot or sculpture lens

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Housing and wall plate

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 4 Control gear

- Switchable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

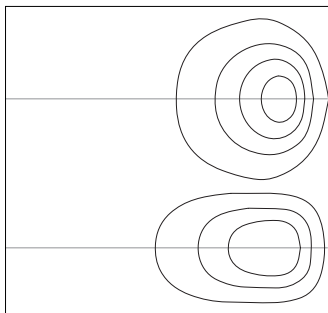
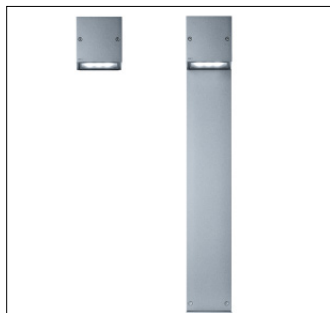
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/kubus-f](http://www.erco.com/kubus-f)

## Kubus Façade luminaires



### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

### Wide or deep beam distribution

The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.

### Special characteristics



Different light distributions: wide or deep



Various construction sizes



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65



Accessory for mounting variants

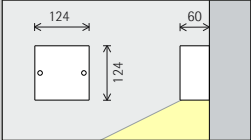


Switchable



Kubus Façade luminaires

Construction size








124mm




LED module  
Maximum value  
at 4000K CRI 82

3W/450lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

	Floor washlights
	Wide beam
	Deep beam

Control



Switchable

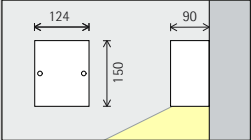
Colour (housing)



Graphit m












10,000 colours \*\*



150mm

6W/825lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	Floor washlights
	Wide beam
	Deep beam



Switchable







Graphit m

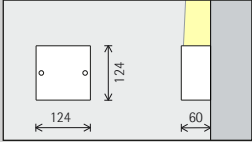


10,000 colours \*\*

Accessories

	Distribution box		Mounting enclosure
	Concrete mounting enclosure		Mounting case

**Construction size**









124mm

**LED module**  
Maximum value  
at 4000K CRI 82


3W/450lm


**Light colour**

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *


**Light distribution**

Façade lumineaires


 Spot


 Oval flood

**Control**

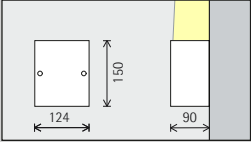
 Switchable

**Colour (housing)**

 Graphit m

 10,000 colours \*\*

**Construction size**









150mm

**LED module**  
Maximum value  
at 4000K CRI 82


6W/825lm


**Light colour**

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *


**Light distribution**

Façade lumineaires


 Spot


 Oval flood

**Control**

 Switchable

**Colour (housing)**

 Graphit m

 10,000 colours \*\*

\* available on request

Article numbers and planning data:  
[www.erco.com/012852](http://www.erco.com/012852)

Design and application:  
[www.erco.com/kubus-f](http://www.erco.com/kubus-f)











## Axis Walklight – Glare control to perfection

### **Optimal visual comfort for stairs and paths**

The Axis Walklight's sophisticated photometrics ensure superb visual comfort for people in the outdoor environment. The LED-generated direct lighting component is fully shielded, making the luminaire great for use in complex areas such as stairways. A delightful sparkle on the rectangular, lens-like cover glass reveals the light emission, and the wide beam spread across the staggered surface extends all the way to the edge.

At the same time, the gentle gradient makes it easier to see

by avoiding drastic contrasts to which the eye takes times to adapt. Mounted in a row, the Axis Walklight provides elegant illumination of paths.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO LED-module

- Light colours: Warm white (3000K) or neutral white (4000K)

### 2 ERCO reflector

- Asymmetrical reflector lens system: aluminium, silver anodised
- No direct light components due to optimised LED shielding

### 3 Cover frame

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Softec lens

### 4 Housing

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Fixing component: polymer. Clamp extension 7-20mm

## Protection mode IP65

Dust-tight and water jet-proof



Design and application:  
[www.erco.com/axis-walklight](http://www.erco.com/axis-walklight)

## Axis Walklight



### Improved visual comfort

ERCO has developed luminaires with special housing designs and highquality optical components specifically for demanding visual tasks to provide enhanced visual comfort.

### Special characteristics



Improved visual comfort



ERCO LEDs



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised

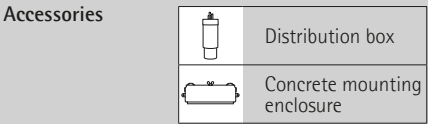
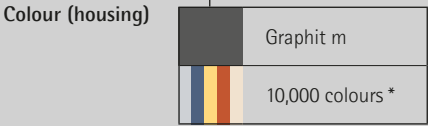
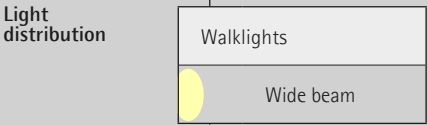
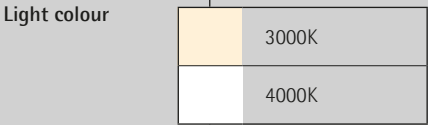
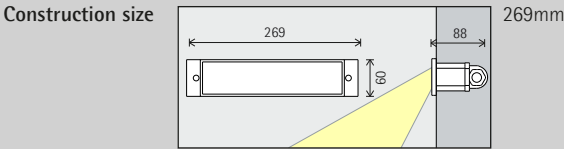


Protection mode IP65



Switchable

# Axis Walklight





Czarzoryski  
Square, Krakow.  
Architect: Biuro  
Projektów Lewi-  
cki Latak, dr inż.  
Piotr Lewicki, inż.  
Witold Opalinski.

\* available on request

Article numbers and planning data:  
[www.erco.com/012853](http://www.erco.com/012853)

Design and application:  
[www.erco.com/axis-walklight](http://www.erco.com/axis-walklight)









## Visor – Precise light of minimalist elegance

### **The efficient façade luminaire with good visual comfort for the illumination of pathways, open areas and entrance zones**

Visor façade luminaires focus the attention very naturally on any architectural setting. Using the wide light distribution, Visor illuminates pathways along walls or buildings evenly over an area wide enough to require a minimum number of luminaires. Their deep-beam version effectively lights squares or terraces.

With their low-maintenance surface, Visor creates an eye-catching feature on any façade. The graphic

style of the luminaire is further underlined by details such as invisible connections and a flush cover glass. The light source is discreetly hidden to ensure glare-free light for passers-by. Thanks to Dark Sky technology, Visor façade luminaires emit no spill light above the horizontal plane. The system design of the Visor range enables many different combinations of bollard and façade luminaires.

### Related ranges



**Lightmark**  
Façade luminaires  
Page 660



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Cover (recessed luminaire)

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Covered or flush mounting detail
- Flush mounting detail: non-reflective safety glass

### 4 Housing and mounting ring (recessed luminaire)

- For recessed mounting in brickwork and dry-wall partitions
- Mounting ring: stainless steel
- Mounting bracket: metal, hot-dip galvanised. Clamp extension 1-30mm
- Housing: polymer, black
- Connection cable 3x1mm<sup>2</sup>

or

### Housing and wall plate (surface-mounted luminaire)

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Non-reflective safety glass

### 5 Control gear

- Switchable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/visor-f](http://www.erco.com/visor-f)





## Different light distributions, wide or deep beam

Floor washlights with a wide beam are ideal particularly for lighting pathways along walls and façades. Floor washlights with a deep beam are effective in illuminating open spaces such as squares or terraces.

### Special characteristics



Different light distributions: wide or deep



ERCO high-power LEDs



Efficient Spherolit technology



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised



Flush or covered mounting detail



Protection mode IP65

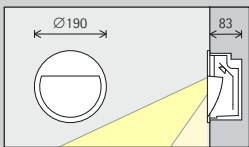


Switchable



Visor Façade luminaires

Construction size



Ø 190mm

LED module  
Maximum value  
at 4000K CRI 82

6W/825lm

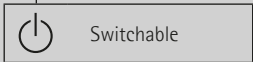
Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

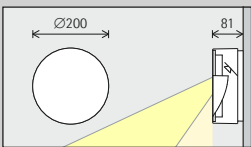
Light  
distribution

	Floor washlights
	Wide beam
	Deep beam

Control



Colour (housing)

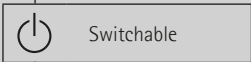


Ø 200mm

6W/825lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	Floor washlights
	Wide beam
	Deep beam



	Graphit m
	10,000 colours *

Accessories

	Junction box		Sealing plate
	Concrete mounting enclosure		Suction holder



\* available on request

Article numbers and planning data:  
[www.erco.com/012896](http://www.erco.com/012896)

Design and application:  
[www.erco.com/visor-f](http://www.erco.com/visor-f)









## Lightmark – Precise light of minimalist elegance

**The efficient façade luminaire with good visual comfort for the illumination of pathways, open areas and entrance zones**

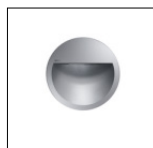
Lightmark façade luminaires focus the attention very naturally on any architectural setting. Using the wide light distribution, Lightmark illuminates pathways along walls or buildings evenly over an area wide enough to require a minimum number of luminaires. Their deep-beam version effectively lights squares or terraces. With their smooth surface, Lightmark creates an eye-catching feature on any façade. The graphic

style of the luminaire is further underlined by details such as invisible connections and a flush cover glass. The light source is discreetly hidden to ensure glare-free light for passers-by. Thanks to Dark Sky technology, Lightmark façade luminaires emit no spill light above the horizontal plane. The system design of the Lightmark range enables many different combinations of bollard and façade luminaires.

### Related ranges

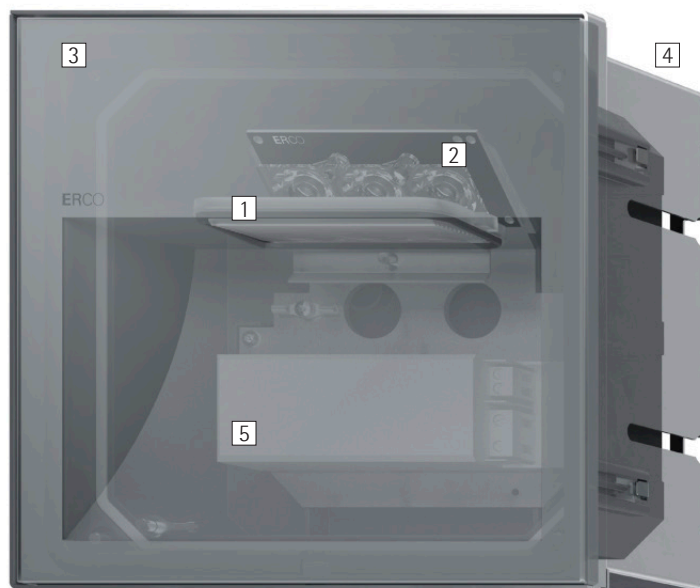


**Lightmark**  
Bollard luminaires  
Page 704



**Visor**  
Façade luminaires  
Page 654





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Cover (recessed luminaire)

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Covered or flush mounting detail
- Flush mounting detail: non-reflective safety glass

### 4 Housing and mounting ring (recessed luminaire)

- For recessed mounting in brickwork and dry-wall partitions
- Mounting ring: stainless steel
- Mounting bracket: metal, hot-dip galvanised. Clamp extension 1-30mm
- Housing: polymer, black
- Connection cable 3x1mm<sup>2</sup>

or

### Housing and wall plate (surface-mounted luminaire)

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Non-reflective safety glass

### 5 Control gear

- Switchable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/lightmark-f](http://www.erco.com/lightmark-f)



## Different light distributions, wide or deep beam

Floor washlights with a wide beam are ideal particularly for lighting pathways along walls and façades. Floor washlights with a deep beam are effective in illuminating open spaces such as squares or terraces.

### Special characteristics



Different light distributions: wide or deep



ERCO high-power LEDs



Efficient Spherolit technology



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised



Flush or covered mounting detail



Protection mode IP65



Switchable

Lightmark Façade luminaires

Construction size

□ 190

83

190mm

LED module

Maximum value at 4000K CRI 82

6W/825lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Floor washlights

Wide beam

Deep beam

Control

Switchable

Colour (housing)

□ 200

81

200mm

6W/825lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Floor washlights

Wide beam

Deep beam

Control

Switchable

Graphit m

10,000 colours \*

Accessories

	Junction box		Sealing plate
	Concrete mounting enclosure		Suction holder



\* available on request

Article numbers and planning data:  
[www.erco.com/012922](http://www.erco.com/012922)

Design and application:  
[www.erco.com/lightmark-f](http://www.erco.com/lightmark-f)









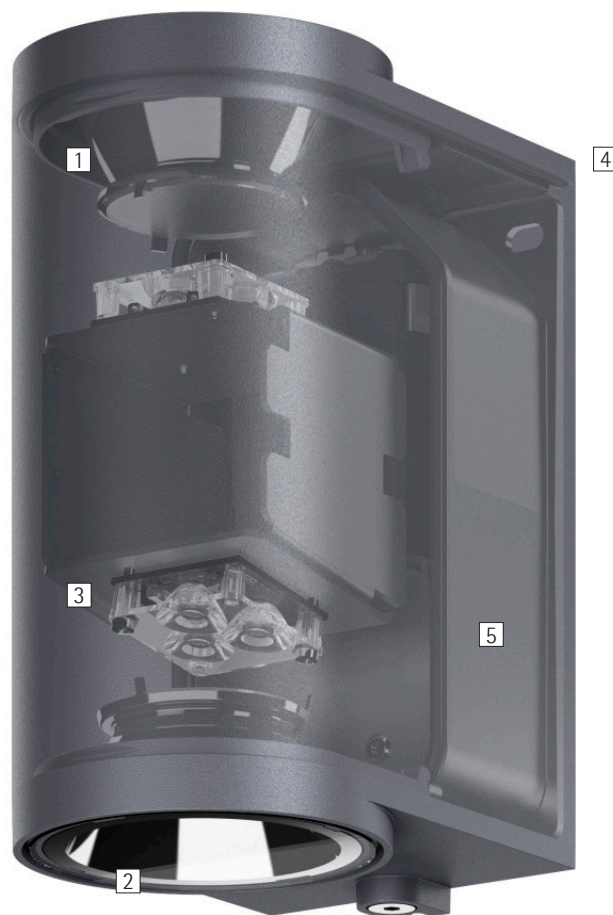
## Cylinder – Universal and elegant

### **Façade lighting with many variations**

Accentuating historic façades with grazing light or structuring large sections of façade with light patterns are only some of the strengths displayed by Cylinder façade luminaires. The wide variety of distribution options includes direct, indirect and direct--indirect narrow or wide beams. For the purpose of conforming to the Dark Sky standard, the indirect distribution is inclined towards the façade to avoid spill light into the night sky.

The direct distribution options include versions that pool the light in a semicircle on the ground or with a beam edge ending just before the façade. As a common denominator, all Cylinder façade luminaires produce the characteristic grazing light to emphasise textures on the façade.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 Light emission above

- Spherolit lens spot or oval flood
- Non-reflective safety glass

### 2 Light emission below Size 2

- Spherolit lens oval flood
- Reflector: aluminium, silver anodised, specular
- Non-reflective safety glass

or

### Size 3

- Diffuser: glass, matt
- Darklight reflector: aluminium, silver anodised, specular
- Cut-off angle 30°
- Non-reflective safety glass

### 3 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 4 Housing and wall plate

- Graphit m
- Corrosion-resistant aluminium profile or corrosion-resistant cast aluminium, no-rinse surface treated
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Tamper-proof screw

### 5 Control gear

- Switchable

### Protection mode IP65

Dust-tight and water jet-proof

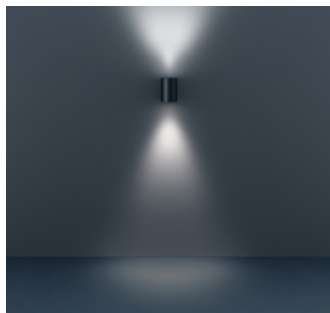
### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



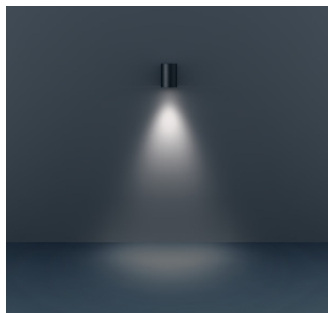
Design and application:  
[www.erco.com/cylinder](http://www.erco.com/cylinder)

## Cylinder Façade luminaires



### Decorative wall-/ facade lighting

Striking lighting effects produced by narrow or wide beams create an eye-catching feature and divide up the façade. The ERCO system design includes a wide variety of lighting solutions with upward or downward beam emission.



### Various light distributions

Different light distributions let you adjust the light to suit the task at hand. The options range from very narrow accentuation through to wide beam floodlighting and even wallwashing.

### Special characteristics



Different light distributions



Decorative wall-/ facade lighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Protection mode IP65

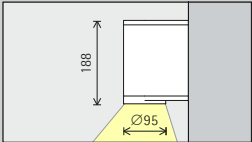


Switchable



Cylinder Façade luminaires

Construction size









Size 2


LED module  
Maximum value  
at 4000K CRI 82

6W/825lm


Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *



Light  
distribution

Floor washlights
 Oval flood

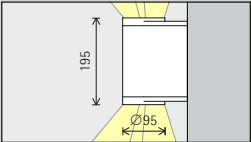
Control

 Switchable
--

Colour (housing)







	Graphit m
	10,000 colours *




Construction size






Size 2

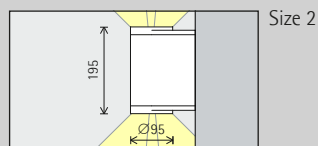
12W/1650lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Floor washlights	Façade luminaires
 Oval flood	 Spot
	 Oval flood

 Switchable
---



	Graphit m
	10,000 colours *



Size 2

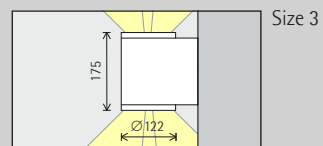
12W/1650lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Façade luminaires	
	Spot
	Oval flood

	Switchable
---	------------

	Graphit m
	10,000 colours *





Size 3

12W/1650lm

18W/2475lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Façade luminaires	
	Spot
	Oval flood

	Switchable
---	------------

	Graphit m
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/011888](http://www.erco.com/011888)

Design and application:  
[www.erco.com/cylinder](http://www.erco.com/cylinder)











## Focalflood – Grazing light to perfection

### **Emphasising façade surfaces with white light**

Grazing light delivers incredibly effective illumination of building surfaces and emphasises details through high-contrast shadows – such superb results are achieved with Focalflood façade luminaires. Optimised for grazing light, their lens system enables wide luminaire spacing, still producing excellent uniformity on the façade. The luminaire is easily oriented and smoothly adjusted to further optimise its grazing light. The Focalflood façade luminaire offers a highly precise, narrow light dis-

tribution over the whole wall to minimise spill light. Focalflood façade luminaires thus provide a creative basis for transforming façades into an eye-catching feature, washlit with magic grazing light.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 2 ERCO reflector

- Asymmetrical reflector lens system: aluminium, silver anodised
- No direct light components due to optimised LED shielding

### 3 Front unit

- Graphit m
- Corrosion-resistant aluminium, No-Rinse surface treatment
- Double powder-coated
- Softec lens

### 4 Housing

- Graphit m
- Corrosion-resistant aluminium profile, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Screw-fastened end plates: corrosion-resistant cast aluminium
- 2 freely positionable mounting brackets: corrosion-resistant aluminium
- 135° tilt
- Connection cable 3x1mm<sup>2</sup>, L 1.5m

### 5 Control gear

- Switchable

### Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



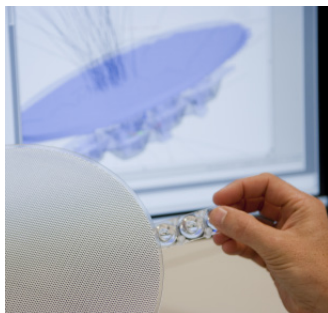
Design and application:  
[www.erco.com/focalflood](http://www.erco.com/focalflood)

## Focalflood Façade luminaires



### Grazing light

The wide light distribution along facades and soft gradient ensure very good uniformity when mounted in a row. The luminaire can be tilted individually and has a very narrow beam angle towards the wall to prevent spill light and enable sustainable lighting solutions meeting Dark Sky requirements.



### Highly efficient lighting technology

ERCO has developed luminaires with special housing designs and highquality optical components specifically for demanding visual tasks to provide enhanced visual comfort.

### Special characteristics



High-efficiency lighting technology



Grazing light wallwasher



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



Pivotable through 135°

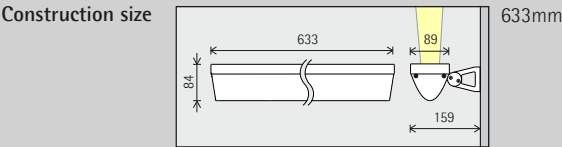


Protection mode IP65



Switchable

Focalflood Façade luminaires



LED module  
Maximum value  
at 4000K CRI 82

20W/2750lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Façade luminaires

Grazing light

Control

Switchable

Colour (housing)

Graphit m

10,000 colours \*



Norrköpings Konstmuseum, Norrköping. Lighting design: InWhite Ljusmiljö AB, Norrköping. Photography: Johan Elm, Stockholm.

\* available on request

Article numbers and planning data:  
[www.erco.com/012959](http://www.erco.com/012959)

Design and application:  
[www.erco.com/focalflood](http://www.erco.com/focalflood)





# Linear. Magical light. Bollard luminaires

A wide range of lighting tasks around buildings exists – ranging from the functional lighting of paths and stairways to open spaces. Bollard luminaires with various, predominantly asymmetric flood light distributions solve these tasks with high visual comfort. Due to precise limitation of the light beam, all luminaires meet dark sky requirements.



Overview of all ranges from p. 682

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





### Guiding with light

- Soft light beam gradient for simple adaptation to dark surroundings
- Very wide light beam for large luminaire spacing
- Positioning along the path with 180° light distribution or at intersections with 360° light distribution

Products used:

**Castor** p. 684

**Midipoll** p. 690



### Dark Sky-compliant lighting

- No distribution of light above the horizontal plane
- Dark Sky-compliant due to precise distribution downwards
- Low luminance light emission for high visual comfort

Products used:

**Midipoll** p. 690





### Wide light distribution for paths

- Wide light beam for large luminaire spacing
- Also available as small bollards for mounting on walls or with narrow paths
- Precise downward light distribution for pleasant visual comfort

Products used:  
**Lightmark** p. 702

### Narrow distribution for open areas

- Suitable for wide driveways or large open spaces
- Long, asymmetric light distribution for wide forward distribution
- High visual comfort on squares

Products used:  
**Lightmark** p. 702  
**Kubus** p. 696





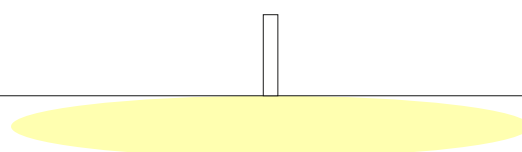
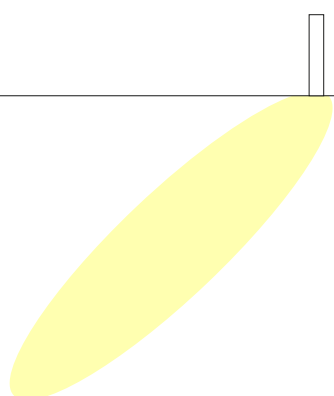
**Elegant orientation with grazing light**

- Grazing light along the luminaire creates a subtle focus
- Attractive luminaire design with profile of four parabolas for elegant appearance during the day
- Housing in special colour on request

Products used:  
**Midipoll p. 690**

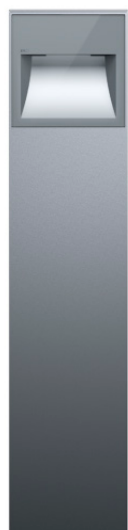


This distinguishes our  
bollard luminaires



### Floor washlights wide or narrow distribution

The wide light distribution of floor washlights is especially suitable for lighting paths beside walls and facades. The narrow light distribution of floor washlights is predestined for the illumination of squares and terraces.



Horizontal plane

### Dark Sky technology

ERCO has perfected Dark Sky technology for its bollard luminaires. Light pollution is prevented because no light is emitted above the horizontal plane. In addition, glare to passers-by and drivers is avoided.

### Various sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories, thus offering appropriate solutions for a wide variety of lighting tasks.



IP65

## Protection rating IP65

All bollard luminaires with IP65 protection rating are dusttight and protected against the entry of water jets from all directions.



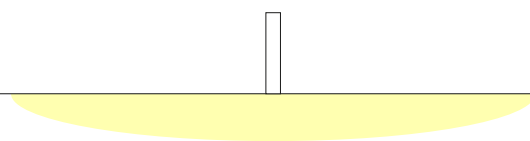
## Safety class II

For luminaires with safety class II, live components have additional protective insulation. A protective conductor connection is therefore not required.



## Floor washlights for open area lighting

Bollard luminaires with 360° radial distribution are suitable for the planar illumination of squares and terraces.



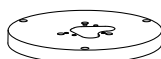
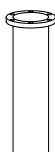
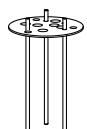
## Wide distribution floor washlights for paths

Bollard luminaires with 180° light emission are suitable for paths and routes. They form a product family together with 360° light distribution bollards.



## Accessory for mounting variants

ERCO's system design allows different mounting variants. See the overview of accessories to find suitable products for your individual installation situation.



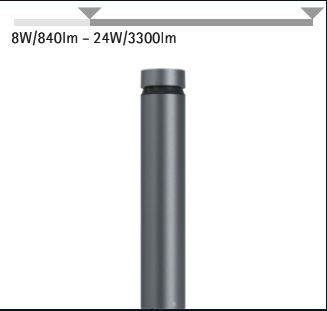
## ERCO individual

Our "ERCO individual" service can be used to implement customer-specific modifications such as differing housing colours or LEDs according to the specific project.

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



Floor washlights



Castor 684

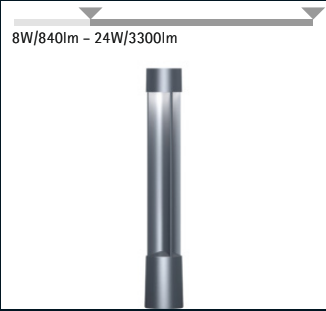
Available with 180° or 360° light distribution

---

100% Dark Sky compliant

---

Four sizes



Midipoll 690

360° light distribution

---

100% Dark Sky compliant

---

Grazing light along the luminaire



Kubus 696

Wide and deep beam light distributions available

---

100% Dark Sky compliant

---

Grazing light along the luminaire



Lightmark 702

Wide and deep beam light distributions available

---

Light emission opening to the front



Sunset View, Singapore. Architecture: Timur Design, LLP, Singapore. Lighting design: Nipek Ltd, Singapore. Photography: Sebastian Mayer, Berlin.



BSkyB, Isleworth. Architecture: Alexandra Steed Urban. Lighting design: Arup, London. Photography: Lukas Palik, Düsseldorf.







# Castor – The magic of light

## **A lighting tool for pathways and squares**

The Castor bollard luminaire visually connects paths and squares outdoors: two light distributions and three construction sizes enable nuanced lighting designs with just a single luminaire range. 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. The Castor lighting technology is designed for uniform illumination in both of these applications. Luminaire spacing of up to 10m is possible without compromises in terms of glare control. 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.



## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



### 1 ERCO light guiding ring

- Made of optical polymer

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

### 3 Anti-glare cone

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated and black lacquered.
- Glare-free above the light aperture

### 4 Upper cover

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated

### 5 Bollard

- Graphit m
- Corrosion-resistant aluminium profile, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 6 Control gear

- Switchable or DALI dimmable

### 7 Base plate

- For mounting on accessories
- Mounting accessories to be ordered separately

### Protection mode IP65

Dust-tight and water jet-proof

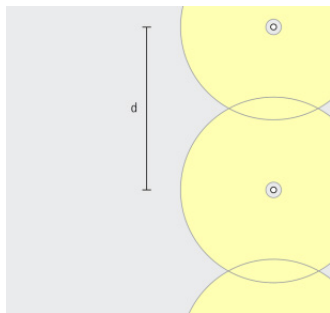
### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



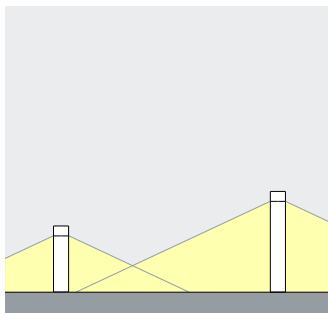
Design and application:  
[www.erco.com/castor](http://www.erco.com/castor)

## Castor Bollard luminaires



### Large luminaire spacing for open area lighting

For floor washlights with wide radial light distribution, luminaire spacing (d) of up to 10m are possible. Even larger spacing can be selected to support visual guidance.



### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

### Special characteristics



Various construction sizes



Large luminaire spacing possible



ERCO high-power LEDs



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65



Safety class II



Accessory for mounting variants



Switchable

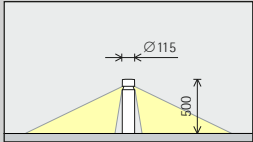


DALI dimmable



Castor Bollard luminaires







Construction size 500mm / Ø 115mm






LED module  
Maximum value  
at 4000K CRI 82

16W/2200lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

	Floor washlights
	Wide beam
	Radial beam (360°)

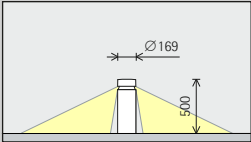
Control

	Switchable
	DALI







Colour (housing)




	Graphit m
	10,000 colours *

500mm / Ø 169mm



24W/3300lm





	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

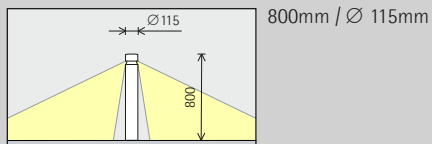
	Floor washlights
	Wide beam
	Radial beam (360°)

	Switchable
	DALI

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Concrete anchor
	Anchorage unit		Mounting plate



800mm / Ø 115mm

16W/2200lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Floor washlights

	Wide beam
	Radial beam (360°)



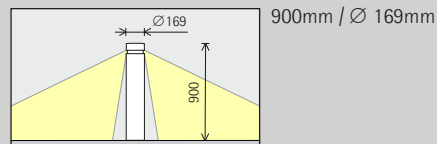
Switchable



DALI

Graphit m

10,000 colours \*



900mm / Ø 169mm

24W/3300lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Floor washlights

	Wide beam
	Radial beam (360°)



Switchable



DALI

Graphit m

10,000 colours \*

\* available on request

Article numbers and planning data:  
[www.erco.com/015744](http://www.erco.com/015744)

Design and application:  
[www.erco.com/castor](http://www.erco.com/castor)



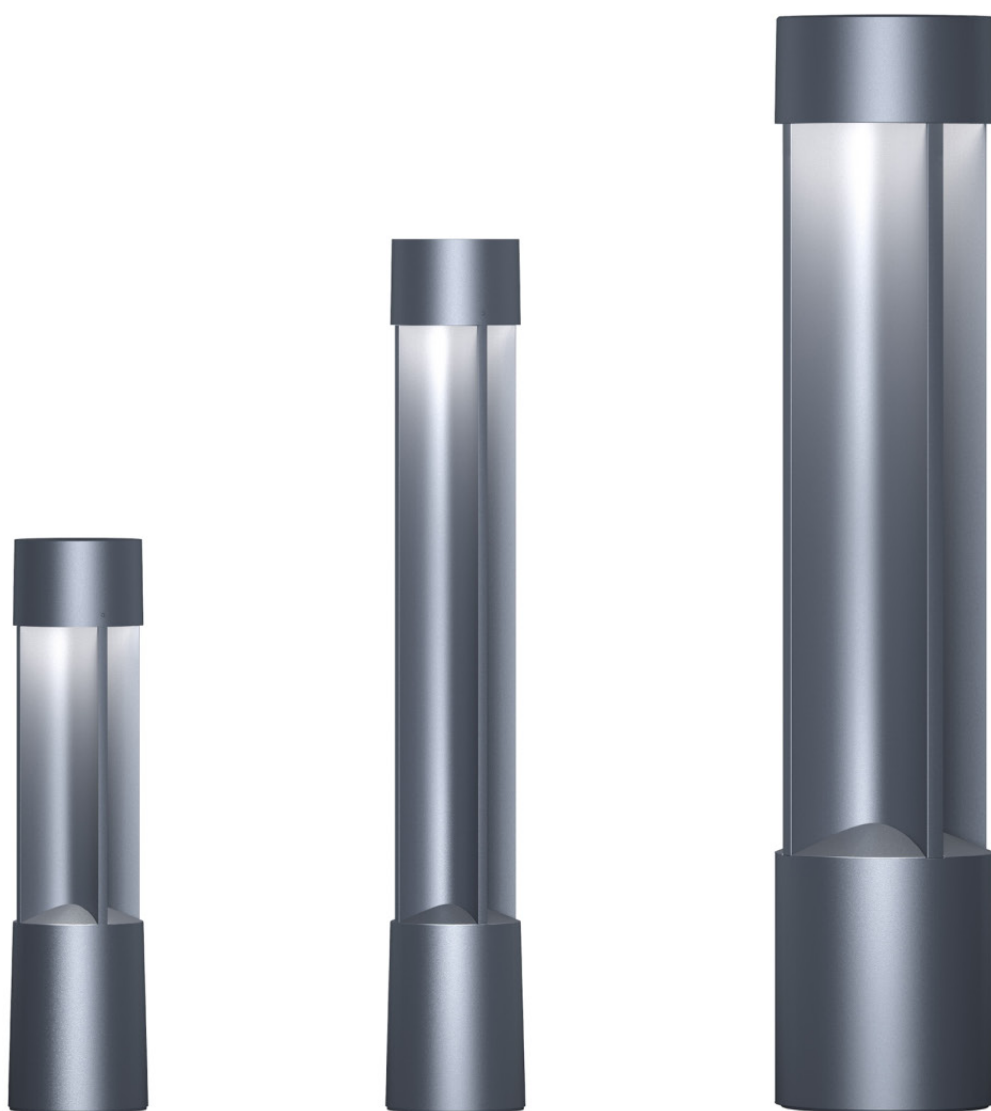


# Midipoll – See and be seen

**Subtle grazing light on the striking, cross-shaped profile transforms Midipoll into a space defining element**

With Midipoll, ERCO presents a bollard luminaire in the context of efficient visual comfort. Its innovative photometrics with special prismatic lens effectively project the luminous flux onto the target surface – without causing glare, therefore fulfilling Dark Sky requirements. The night can emerge and the stars are visible. During this time, the grazing light on the luminaire creates a subtle eye-catcher and ensures orientation on squares and paths. During the day, Midipoll acts as an elegant column with a profile formed of four parabolas. The sum of these

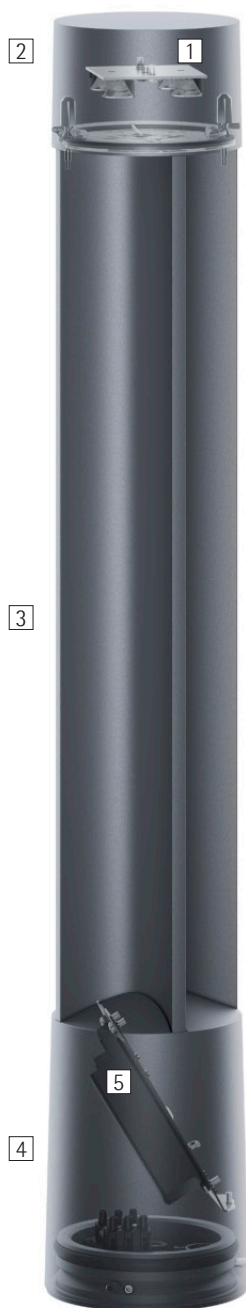
properties confirms that this is where the future of outdoor lighting is to be found.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



### 1 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 2 Cylindrical light head

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Lower prism lens or Softec lens

### 3 Cross-shaped aluminium profile

- Graphit m
- Corrosion-resistant, No-rinse surface treatment
- Double powder-coated

### 4 Cylindrical housing

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Graphit m, double powder-coated
- Optimised surface for reduced accumulation of dirt
- Mounting accessories to be ordered separately

### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Protection mode IP65

Dust-tight and water jet-proof

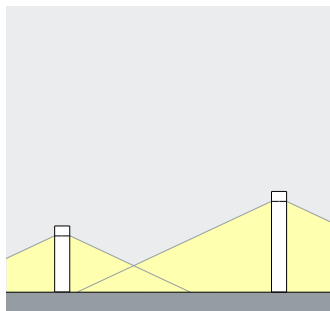
### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/midipoll](http://www.erco.com/midipoll)

## Midipoll Bollard luminaires



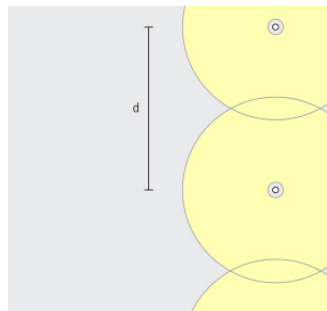
### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.



### Highly efficient lighting technology

The lens system made of high quality optical polymers is characterised by very high efficiency.



### Large luminaire spacing for open area lighting

For floor washlights with wide radial light distribution, luminaire spacing (d) of up to 10m are possible. Even larger spacing can be selected to support visual guidance.

### Special characteristics



High-efficiency lighting technology



Various construction sizes



Large luminaire spacing possible



ERCO high-power LEDs



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65



Switchable



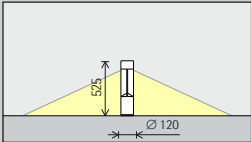
Phase dimmable



DALI dimmable

Midipoll Bollard luminaires

Construction size 525mm



LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm
-----------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

Floor washlights
Radial beam (360°)

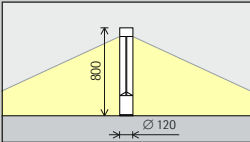
Control

Switchable
DALI

Colour (housing)

	Graphit m
	10,000 colours *

800mm



8W/1100lm
-----------

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

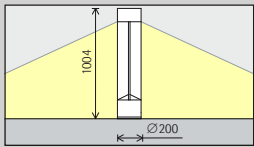
Floor washlights
Radial beam (360°)

Switchable
DALI

	Graphit m
	10,000 colours *







Accessories

	Cable junction box		Anchorage unit		Mounting plate
	Distribution box		Concrete anchor		





1004mm

24W/3300lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Floor washlights

 Radial beam (360°)

 Phase dimmable

 Graphit m

 10,000 colours \*

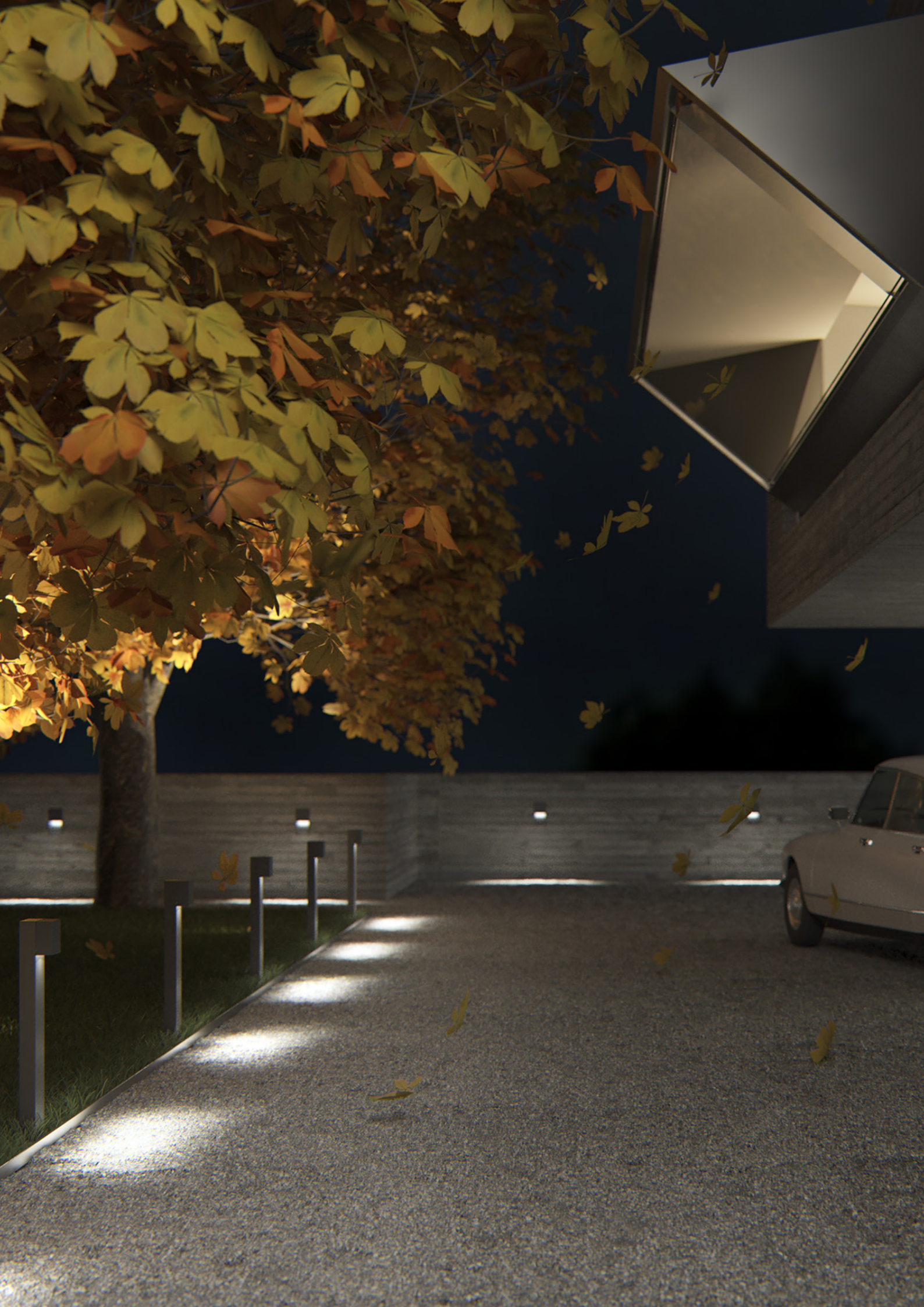
\* available on request

Article numbers and planning data:  
[www.erco.com/013007](http://www.erco.com/013007)

Design and application:  
[www.erco.com/midipoll](http://www.erco.com/midipoll)







# Kubus – Efficient light from the box

## Architectonic bollard luminaires for precise washlighting in the outdoor area

During the day, the Kubus bollard luminaire is all but an inconspicuous architectural feature – at night, however, it excels with exquisite light. Used along traffic routes, Kubus provides optimum visual comfort and reliable orientation for passers-by. Two different light distributions complement each other beautifully: The wide-beam version neatly marks the way, the deep-beam version ensures optimum illumination of squares or terraces. In perfect understatement, Kubus combines highly efficient, cutting-

edge and maintenance-free optoelectronics with a very discreet appearance.

### Related ranges



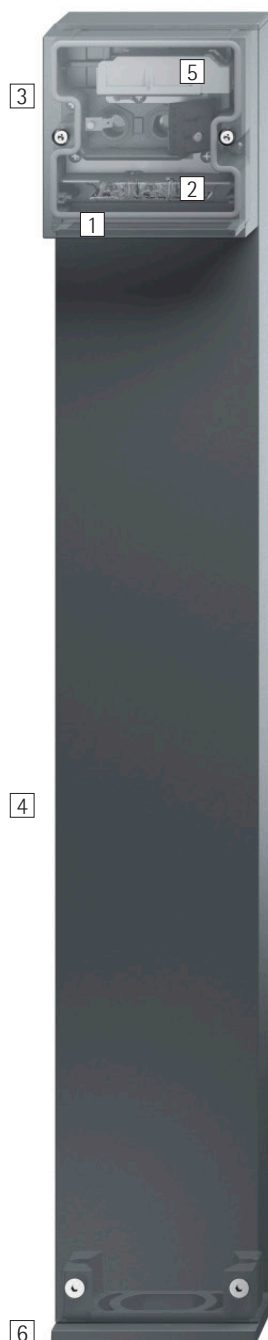
**Kubus**  
Façade luminaires  
Page 642





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



### 1 Lens

- Softec lens as protective glass
- Wide distribution sculpture lens or narrow distribution prism lens

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Luminaire housing

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

### 4 Bollard

- Corrosion-resistant aluminium profile, No-Rinse surface treatment
- Graphit m, double powder-coated
- Luminaire and bollard must be installed on location

### 5 Control gear

- Switchable

### 6 Base plate

- For mounting on accessories
- Mounting accessories to be ordered separately

### Protection mode IP65

Dust-tight and water jet-proof

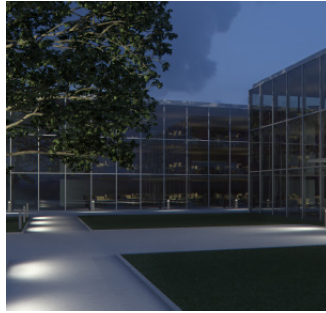
### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/kubus](http://www.erco.com/kubus)



## Different light distributions: wide or deep

Floor washlights with a wide beam are ideal particularly for lighting pathways along walls and façades. Floor washlights with a deep beam are effective in illuminating open spaces such as squares or terraces.

### Special characteristics



Different light distributions: wide or deep



ERCO high-power LEDs



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65



Accessory for mounting variants

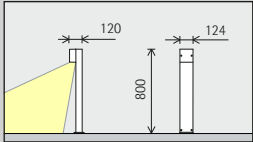


Switchable



Kubus Bollard luminaires







Construction size 800mm





LED module  
Maximum value  
at 4000K CRI 82

3W/450lm
----------


Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

	Floor washlights
	Wide beam
	Deep beam





Control

	Switchable
---	------------

Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Concrete anchor
	Anchorage unit		Mounting plate



\* available on request

Article numbers and planning data:  
[www.erco.com/014704](http://www.erco.com/014704)

Design and application:  
[www.erco.com/kubus](http://www.erco.com/kubus)







# Lightmark – Precise light of minimalist elegance

## **The efficient bollard luminaire with good visual comfort for the illumination of pathways and open areas**

Lightmark bollard luminaires focus the attention very naturally on any architectural setting. Using the wide light distribution, Lightmark illuminates pathways along walls or buildings evenly over an area wide enough to require a minimum number of luminaires. Their deep-beam version effectively lights squares or terraces.

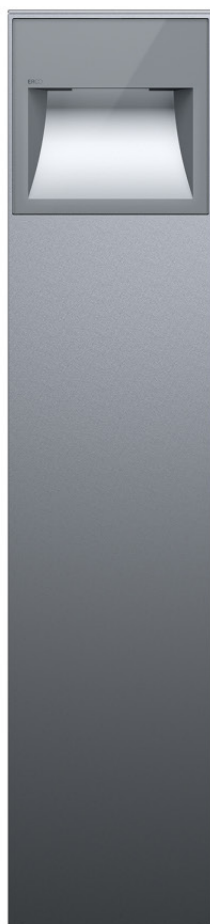
With their low-maintenance and smooth surface, Lightmark is a robust yet elegant bollard luminaire for the outdoor area. The light

source is discreetly hidden to ensure glare-free light for passers-by. Thanks to Dark Sky technology, Lightmark bollard luminaires emit no spill light above the horizontal plane. The system design of the Lightmark range enables many different combinations of bollard and façade luminaires.

## **Related ranges**



**Lightmark**  
Façade luminaires  
Page 660





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.



#### 1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

#### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

#### 3 Luminaire

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Non-reflective safety glass

#### 4 Bollard

- Corrosion-resistant aluminium profile, No-Rinse surface treatment
- Graphit m, double powder-coated
- Tamper-proof screws

#### 5 Control gear

- Switchable

#### 6 Base plate

- For mounting on concrete plinth or accessories

#### Protection mode IP65

Dust-tight and water jet-proof

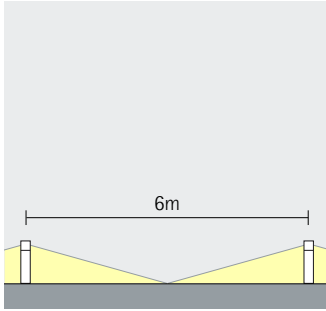
#### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.

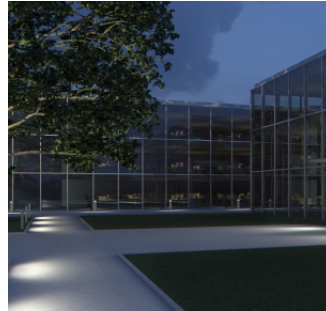


Design and application:  
[www.erco.com/lightmark](http://www.erco.com/lightmark)

## Lightmark Bollard luminaires



**Large luminaire spacing**  
ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimising the number of luminaires required.



**Different light distributions: wide or deep**  
The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.

### Special characteristics



Different light distributions: wide or deep



Large luminaire spacing possible



ERCO high-power LEDs



Efficient Spherolit technology



Dark Sky technology



Different light colours



Excellent thermal management



EMC-optimised



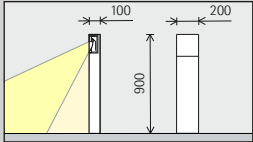
Protection mode IP65



Switchable

Lightmark Bollard luminaires







Construction size 900 mm





LED module  
Maximum value  
at 4000K CRI 82

6W/825lm


Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

	Floor washlights
	Wide beam
	Deep beam




Control

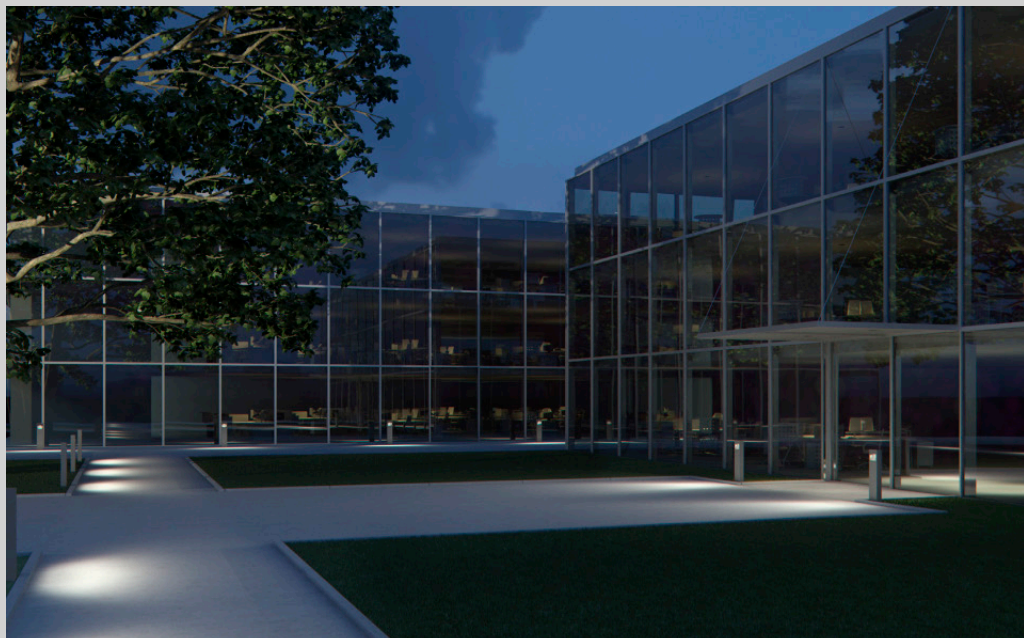
	Switchable
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Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Concrete anchor
	Anchorage unit		



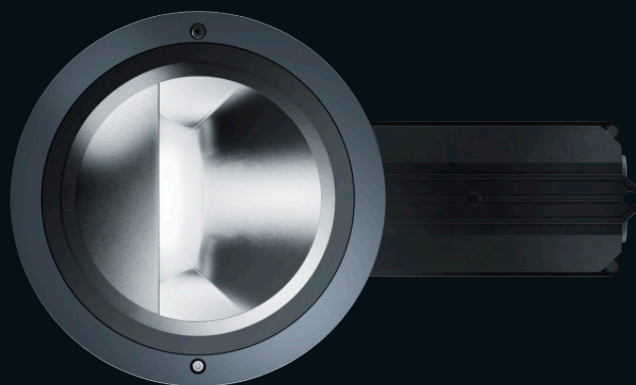
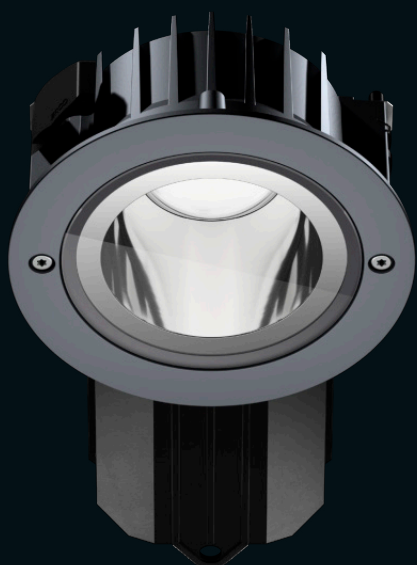
\* available on request

Article numbers and planning data:  
[www.erco.com/011960](http://www.erco.com/011960)

Design and application:  
[www.erco.com/lightmark](http://www.erco.com/lightmark)







## Integrated. Durable. Recessed downlights

Atria, cantilever roofs, passages and bridges require luminaires for ceiling installation that meet the demands made of outdoor luminaires. A high protection rating for example ensures protection against moisture and dust. Recessed downlights for outdoors provide various lighting characteristics for this application area, ranging from downlights to directional spotlights and wallwashers.



Overview of all ranges: from p. 714  
[www.erco.com/downlights-r-ext](http://www.erco.com/downlights-r-ext)



### Prestigiously welcoming

- Large lumen packages for lighting from large distances
- High visual comfort due to good glare control
- Large luminaire spacing possible for reduced project costs

Products used:  
**Quintessence round** p. 716  
**Compact** p. 722

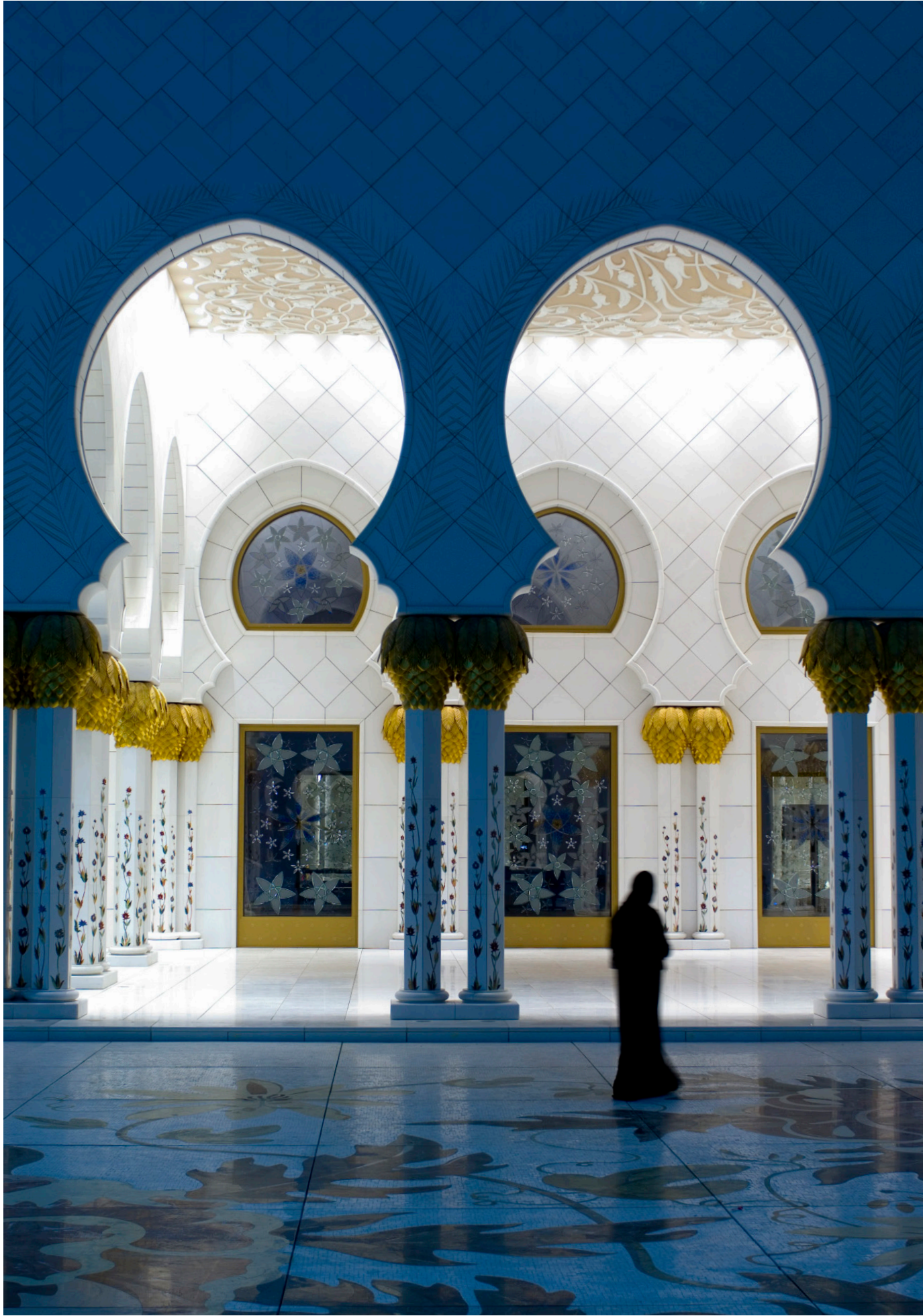


### Illuminating routes around buildings

- Luminaires with high protection rating for low-maintenance outdoor applications
- Integrating lighting discreetly into the architecture as a ceiling installation detail
- Oval light distributions are especially suitable for illuminating paths and routes

Products used:  
**Compact** p. 722







#### Lending depth to rooms

- Wallwashers enable uniform vertical illumination over the complete height
- Various spectra available to match the material
- Large luminaire spacing enables economical planning

Products used:

**Quintessence round** p. 716

#### Brilliant light for swimming pools

- Robust luminaires enable use in demanding environments
- Ideal for shallow ceiling spaces with recess depths of only 150mm
- Low maintenance requirements for economical operation

Products used:

**Compact** p. 722





# This distinguishes our recessed downlights

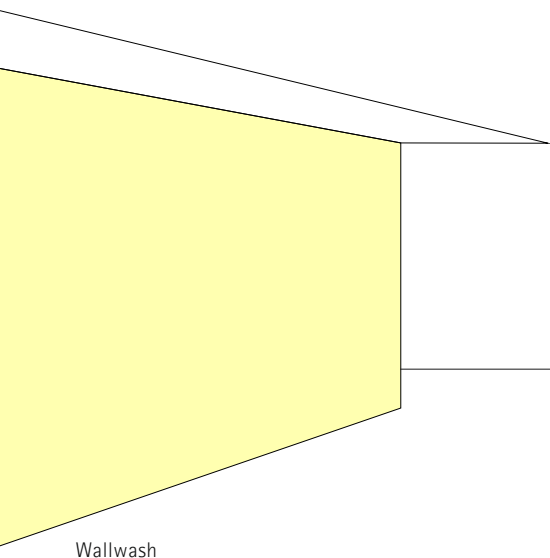
## Always the right light distribution

Whatever you wish to illuminate, with ERCO you'll find the right light distribution – from accenting to wallwashing.

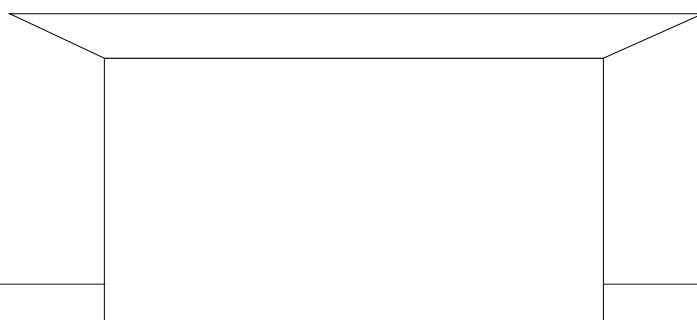


## Shallow recess depth

ERCO develops special luminaires with low recess depths which despite very limited installation conditions feature high visual comfort and high quality of light.



Wallwash



Extra wide flood  
>80°

Oval flood  
approx. 20°x 60°



## Lens wallwashers

The asymmetric light distribution achieves the economical, uniform illumination of walls and facades.

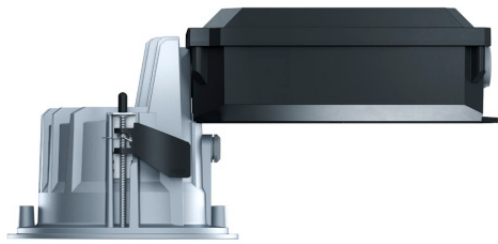
## Large luminaire spacing

For some wallwashers, the luminaire spacing may be up to 1.5 times the distance to the wall. Specific information is provided in the wallwasher tables at [www.ercos.com](http://www.ercos.com). A computer-aided calculation is recommended for assessing possible light beam spreads on side walls.

## Customise

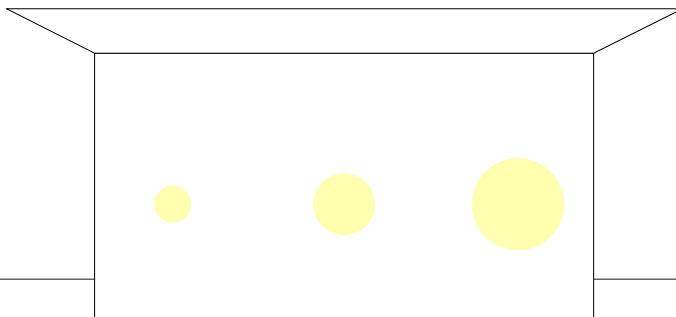
"ERCO individual" offers extensive options for the customising of product ranges:

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



### Pivotal directional spotlights

The narrow beam angle of the directional spotlights enables architectural details to be highlighted or objects to be accentuated as precisely as in a museum. The luminaire head can be swivelled by up to 20° for this purpose.



Narrow spot  
< 10°

Spot  
10°-20°

Flood  
25° - 35°



### Very high visual comfort

The darklight reflector combines maximum visual comfort with an optimum light output ratio.



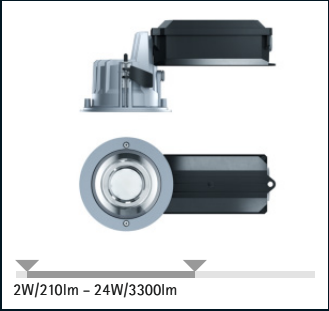
### Protection rating IP65

All luminaires with IP65 protection rating are dustproof and protected against water jets from all directions.



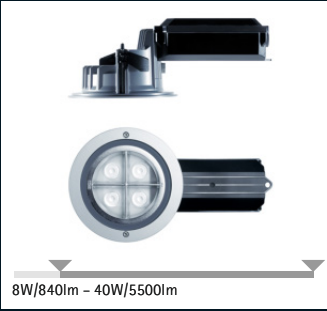
Products with these features can be found on the next page.

Downlights, wallwashers and directional luminaires



Quintessence round 716

- Downlights, wallwashers and directional luminaires
- Five light distributions
- Very high visual comfort
- Hospitality



Compact 722

- Downlights and wallwashers
- Five sizes
- High visual comfort
- Hospitality



Ciudad Real Airport, Ciudad Real. Architecture: Bernalte & León Asociados, Ciudad Real. Photography: Thomas Mayer, Neuss.

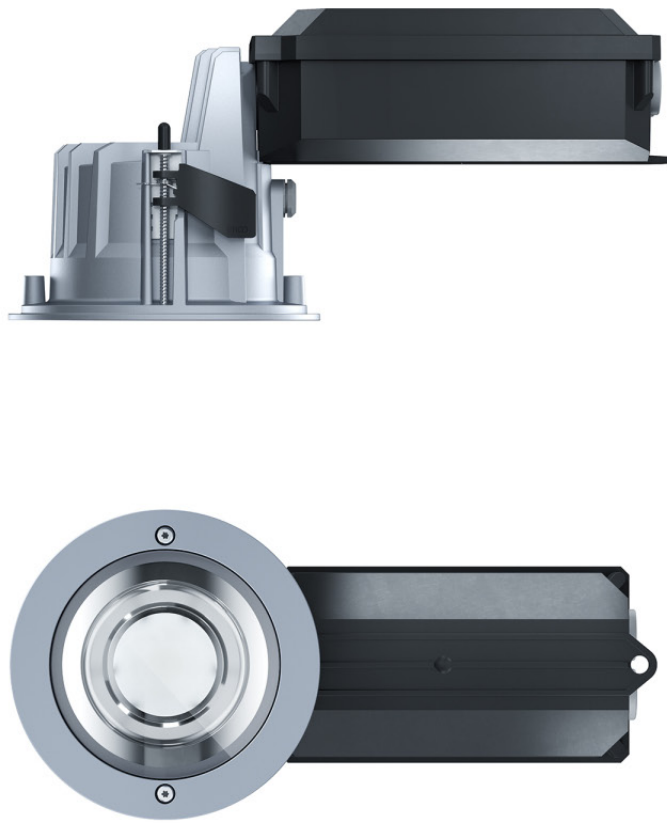


Oseana Art & Culture Center, Os. Architecture: Grieg Arkitekter, Bergen. Lighting design: Multi-consult AS. Photography: Thomas Mayer, Neuss.









## Quintessence round – The system solution for excellent visual comfort

### High visual comfort and optimum light quality – in indoor and outdoor areas

Quintessence recessed luminaires now take the visual comfort and the light quality of downlights, wallwashers and directional luminaires into the outdoor area. The new optical systems of the downlights and wallwashers achieve high uniformity with good glare control, making them superb for extensive illumination in large areas. The exceptionally wide light distribution of the downlights with a 90° emission angle and a 40° cut-off produces highly uni-

form and glare-free light, with luminaires that are spaced far apart. For precise accentuation, the optical system of the directional luminaires can be tilted by 20° and rotated through 360°. With a protection rating of IP65, Quintessence recessed luminaires are the efficient lighting tool for perception-orientated lighting concepts in outdoor areas with canopies and for indoor applications that call for a high degree of protection against moisture and dust.

### Related ranges



**Quintessence round**  
Recessed spotlights, recessed floodlights  
Page 252



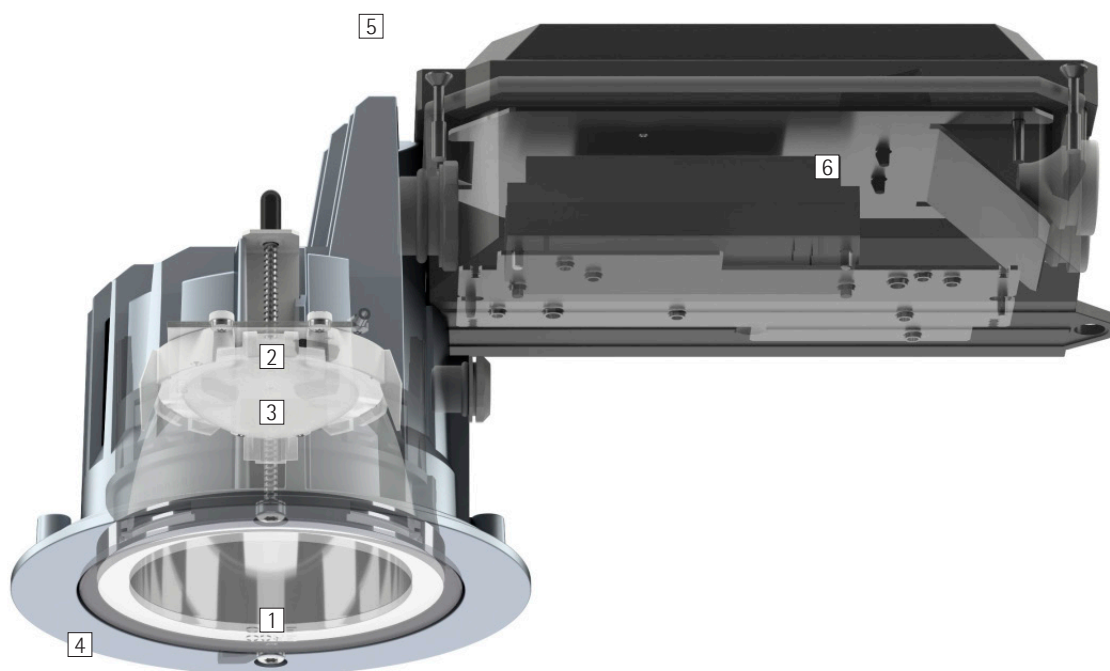
**Quintessence round**  
Recessed luminaires  
Page 318



**Quintessence round**  
Surface-mounted luminaires  
Page 410



**Quintessence round**  
Pendant luminaires  
Page 466



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO darklight reflector

- Downlight: cut-off angle 40°
- Polymer, aluminium vaporised, mirror-finish

or

#### Wallwasher reflector

- Cut-off angle 80°
- Polymer, aluminium vaporised, mirror-finish

#### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)
- Directional luminaire with collimating lens made of optical polymer: 0°-20° tilt, 360° rotation

#### 3 Diffuser or lens

- Made of optical polymer
- Diffuser lens, extra wide flood or lens system, wallwash
- Directional luminaire with Spherolit lens narrow spot, spot or flood

#### 4 Cover ring

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Silver, double powder-coated
- Safety glass

#### 5 Housing

- Cast aluminium, powder-coated silver
- Mounting with 2- or 3-point contact and screw fastening, for ceiling thicknesses 1-30mm
- Side-attached installation unit: polymer, black

#### 6 Control gear

- Switchable or DALI dimmable

#### Protection mode IP65

Dust-tight and water jet-proof

#### Variants on request

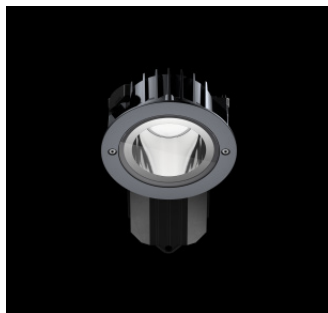
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Reflector: coated matt gold, matt silver or matt champagne

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/quintessence-o](http://www.erco.com/quintessence-o)

## Quintessence round Recessed luminaires



### Very high visual comfort

The darklight reflector combines maximum visual comfort with an optimum light output ratio.

### Special characteristics



Excellent visual comfort



ERCO high-power LEDs



Cut-off 40°/80°



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Protection mode IP65



Switchable

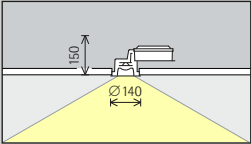


DALI dimmable

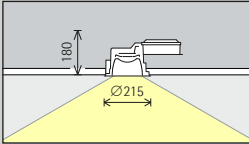


Quintessence Recessed luminaires

Construction size



Size 3



Size 5

LED module  
Maximum value  
at 4000K CRI 82

12W/1650lm	2W/275lm (Narrow spot)
------------	------------------------

24W/3300lm	6W/825lm (Narrow spot)
------------	------------------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

Downlights	Directional luminaires
Extra wide flood	Narrow spot
Lens wallwashers	Spot
Wallwash	Flood

Downlights	Directional luminaires
Extra wide flood	Narrow spot
Lens wallwashers	Spot
Wallwash	Flood

Control

	Switchable
	DALI

	Switchable
	DALI

Colour (housing)

	Silver
--	--------

	Silver
--	--------

Accessories

	Concrete mounting enclosure
--	-----------------------------



Intercontinental  
Resort, Berchtes-  
gaden. Architect:  
Kochta Architek-  
ten, Munich. Elec-  
trical design:  
Ingenieurbüro  
Schnell, Tuttlin-  
gen.

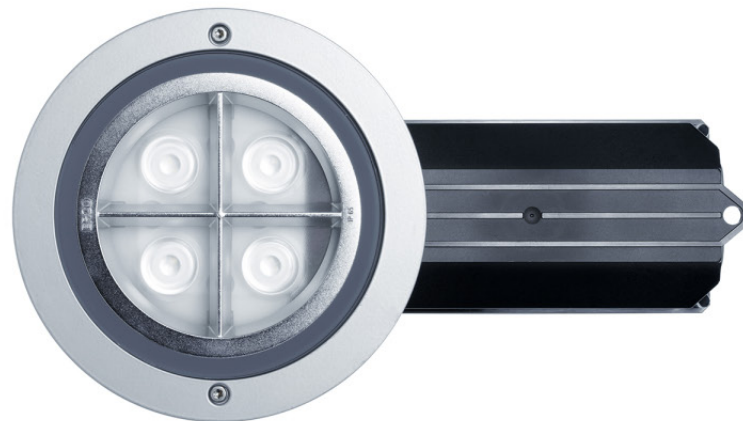
\* available on request

Article numbers and planning data:  
[www.erco.com/015746](http://www.erco.com/015746)

Design and application:  
[www.erco.com/quintessence-o](http://www.erco.com/quintessence-o)





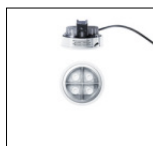


## Compact – Efficient and economical

### Brilliant light for roofed areas. Compact – ideal for outdoor use

The need for high performance lighting applies equally to the exterior environment. The Compact downlight combines brilliant light with the familiar durability of ERCO's other exterior solutions. Extra wide flood and oval flood as different light distributions enable its use in passageways and arcades as well as on the terrace of a private residence. Compact also supports superb vertical illumination with its wallwashing distribution.

### Related ranges

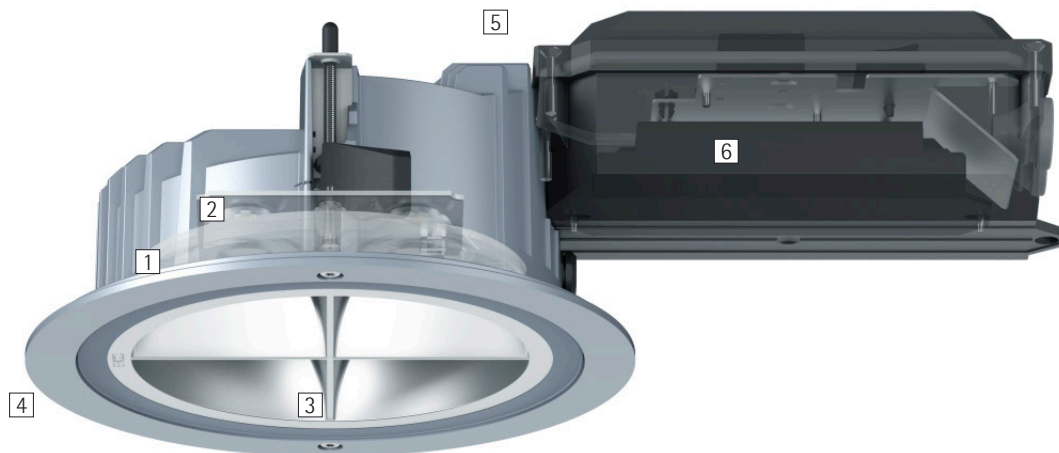


**Compact**  
Recessed luminaires  
Page 366



**Compact**  
Surface-mounted luminaires  
Page 738





### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood, oval flood or wallwash

#### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Anti-glare ring with cross baffle

- Optical cut-off 30°
- Polymer, aluminium vaporised, silver, ribbed

or

#### Wallwasher reflector

- Optical cut-off 30° or 40°
- Polymer, aluminium vaporised, silver, ribbed, with diffuser on the underside

#### 4 Cover ring

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Silver, double powder-coated
- Non-reflective safety glass

#### 5 Housing

- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Silver, double powder-coated
- Mounting with 2- or 3-point contact and screw fastening, for ceiling thicknesses 1-30mm
- Side-attached installation unit: polymer or cast aluminium, black

#### 6 Control gear

- Switchable or phase dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Protection mode IP65

Dust-tight and water jet-proof

#### Variants on request

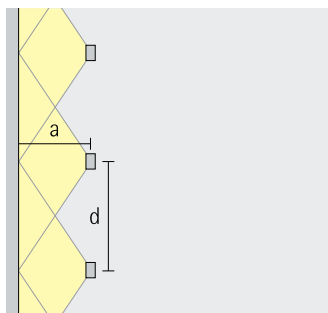
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Anti-glare ring with cross baffle: coated matt gold, matt silver or matt champagne

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compact-o](http://www.erco.com/compact-o)

## Compact Recessed luminaires



### Wide luminaire spacing with wallwashing

Efficient ERCO photometrics allow certain luminaires to be spaced unusually far apart at up to 1.5 times the distance to wall.



### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

### Special characteristics



Various construction sizes



Wide luminaire spacing with wallwashing



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°/40°



Different light colours



Excellent thermal management



EMC-optimised



Shallow recess depth



Protection mode IP65



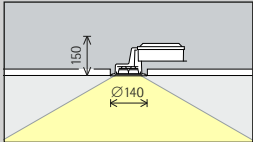
Switchable



Phase dimmable

Compact Recessed luminaires

Construction size



Size 3

LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

Downlights	Downlights oval flood
Extra wide flood	Oval flood
Lens wallwashers	
Wallwash	

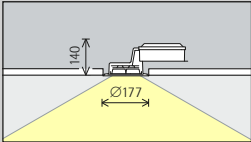
Control

Phase dimmable

Colour (housing)

	Silver
	10,000 colours *

Construction size



Size 4

16W/2200lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

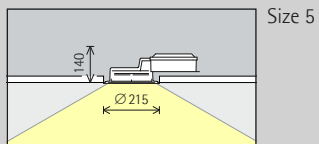
Downlights	Downlights oval flood
Extra wide flood	Oval flood
Lens wallwashers	
Wallwash	

Phase dimmable

	Silver
	10,000 colours *







Accessories




Concrete mounting enclosure

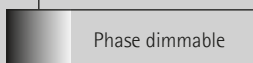


Size 5

24W/3300lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Downlights		Downlights oval flood	
	Extra wide flood		Oval flood
Lens wallwashers			
	Wallwash		



	Silver
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/013923](http://www.erco.com/013923)

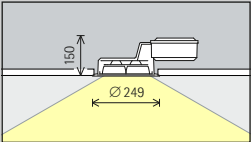
Design and application:  
[www.erco.com/compact-o](http://www.erco.com/compact-o)



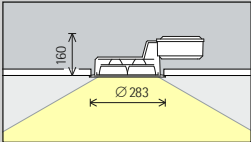


Compact Recessed luminaires

Construction size



Size 7



Size 8

LED module  
Maximum value  
at 4000K CRI 82

32W/4400lm
------------

40W/5500lm
------------

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

Downlights	Downlights oval flood
Extra wide flood	Oval flood

Downlights	Downlights oval flood
Extra wide flood	Oval flood

Control

	Switchable
--	------------

	Switchable
--	------------

Colour (housing)

	Silver
	10,000 colours *

	Silver
	10,000 colours *

Accessories

	Concrete mounting enclosure
--	-----------------------------



BGE Contemporary Art, Stavanger. Architecture: Ramp, Hans-Olav Hansen, Stavanger. Lighting design: Rønning Elektro AS, Stavanger. Photography: Johan Elm, Stockholm.

\* available on request

Article numbers and planning data:  
[www.erco.com/013923](http://www.erco.com/013923)

Design and application:  
[www.erco.com/compact-o](http://www.erco.com/compact-o)





## Pragmatic. Convincing. Surface-mounted luminaires

Very pragmatic considerations often lead to the use of surface-mounted luminaires: In outdoor applications there are often no suspended ceilings but concrete ceilings or supporting structures. The deliberate choice of a lighting concept with surface-mounted luminaires considerably reduces installation complexity, for example in solid ceilings or in existing buildings, and planning can be flexibly adapted to the conditions.



Overview of all ranges: from p. 734  
[www.erco.com/downlights-s-ext](http://www.erco.com/downlights-s-ext)

## Surface-mounted luminaires Application examples

### Guiding with light

- Simple installation due to surface-mounted solution
- Available with various light distributions, wattages and sizes
- Ideal for relighting with existing cable outlets

Products used:  
**Compact** p. 736



### Economical general lighting

- Wide light distributions enable large luminaire spacing and low project costs
- Very flat construction height
- Robust luminaires with high protection ratings for use in demanding room climates

Products used:  
**Lightscan** p. 742

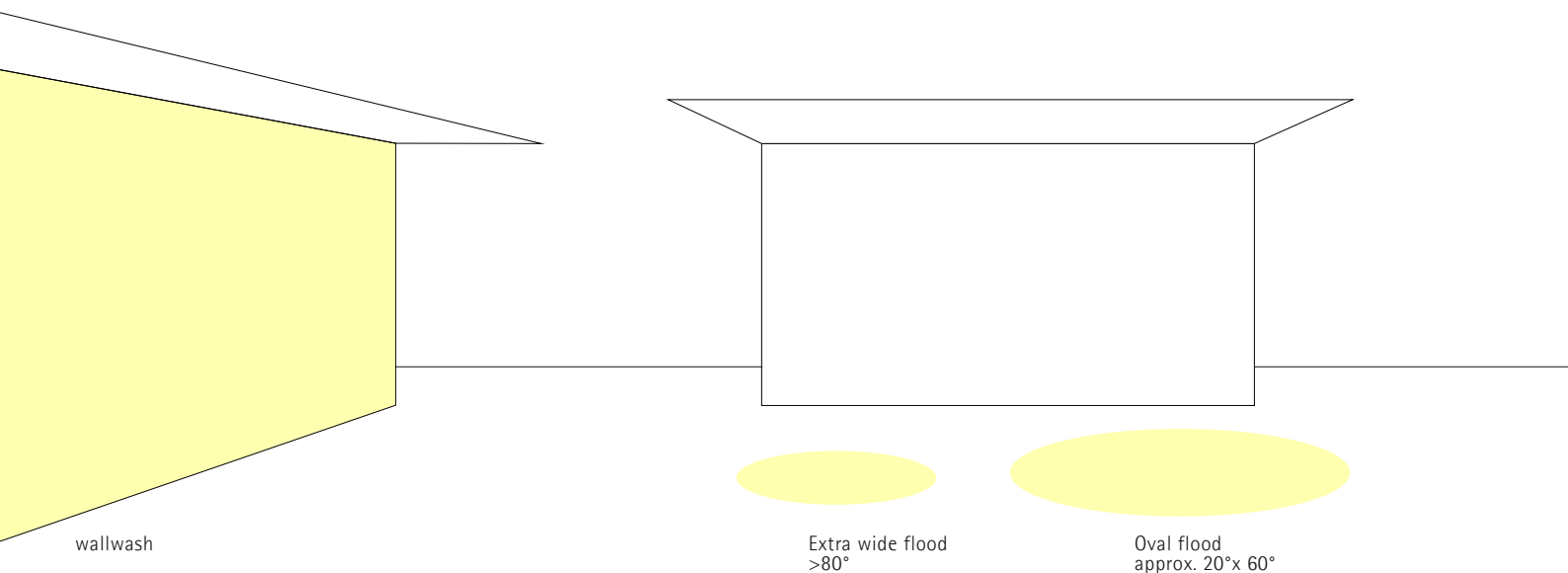


This distinguishes our surface-mounted luminaires



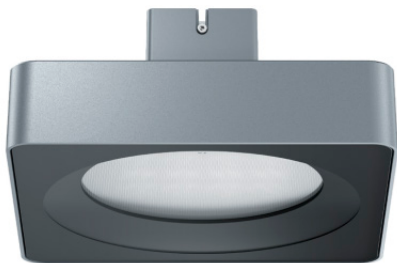
### Simple installation due to surface- mounted solution

In existing buildings or with solid ceilings, surface-mounted luminaires considerably reduce the installation complexity. Accessories such as spacers additionally help with surface-mounted installations.



### Large luminaire spacing

With some wallwashers and luminaires with oval flood light distribution, the luminaire spacing can be up to 1.5 times the distance to the wall. Specific information is provided in the wallwasher tables at [www.erco.com](http://www.erco.com). A computer-aided calculation is recommended for assessing possible light beam spreads.



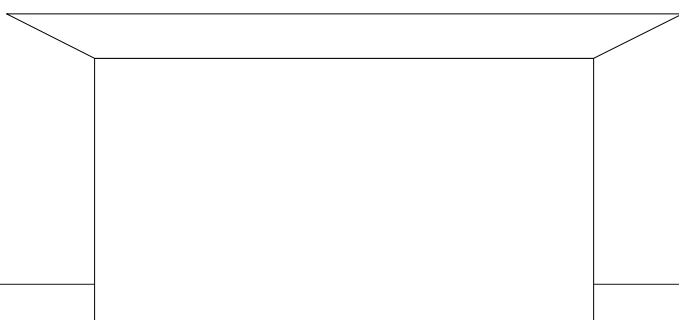
## Improved visual comfort

ERCO has developed luminaires especially for demanding visual tasks which offer increased visual comfort due to their special housing shape and high quality optical components.

## Customise

"ERCO individual" offers extensive options for customising product ranges:

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



Wide flood  
>45°



## Oval flood, freely rotatable

The round version of the oval flood Spherolit lens can be freely rotated to align the lighting optimally to various objects.



## Protection rating IP65

IP65

All luminaires have an IP65 protection rating and are therefore dustproof and protected against the ingress of water jets from all directions.



Products with these features can be found on the next page.

Downlights and wallwashers



Compact

736



Lightscan

742

Downlights and wallwashers

High visual comfort

Large luminaire spacing

Hospitality, Community

Downlights in three sizes

Large lumen packages for high illuminances

Flat luminaire design

Hospitality, Community



Fürholzen West  
roadhouse,  
Fürholzen. Archi-  
tecture: Allmann  
Sattler Wappner,  
Munich.  
Lighting design:  
Weiser.Lighting,  
Troisdorf.  
Photography:  
Moritz Hille-  
brand, Zurich.



Circolo Sportivo  
RAI, Rome.  
Photography:  
Thomas Mayer,  
Neuss.









## Compact – Efficient and economical

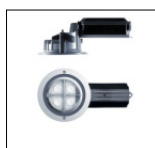
### Perfect solution for illumination in existing buildings. Compact is the versatile tool

Lighting design based on surface-mounted downlights need not be a workaround. The Compact downlight combines brilliant light with the robustness of outdoor luminaires. Compact as a surface-mounted downlight is the perfect solution for illumination in existing buildings, where recessed mounting is not possible.

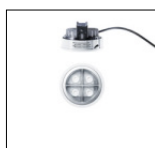
Extra wide flood and oval flood as different light distributions enable its use in passageways and arcades as well as on the terrace of

a private residence. Compact can just as easily be used for vertical illuminance through wallwashing.

### Related ranges



**Compact**  
Recessed luminaires  
Page 724



**Compact**  
Recessed luminaires  
Page 366

## Compact Surface-mounted luminaires



### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO lens system

- Made of optical polymer
- Light distributions: extra wide flood, oval flood or wallwash

#### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)

#### 3 Anti-glare ring with cross baffle

- Optical cut-off 30°
- Polymer, aluminium vaporised, silver, ribbed

or

#### Wallwasher reflector

- Optical cut-off 30° or 40°
- Polymer, aluminium vaporised, silver, ribbed, with diffuser on the underside

#### 4 Cylinder and ceiling plate

- Graphite
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Non-reflective safety glass

#### 5 Control gear

- Phase dimmable
- Dimming with external dimmers possible (trailing edge)

#### Protection mode IP65

Dust-tight and water jet-proof

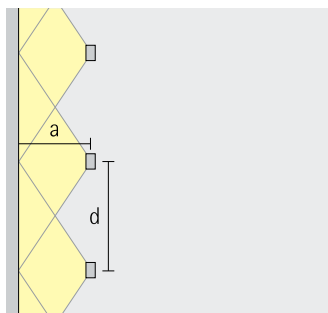
#### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Anti-glare ring with cross baffle: coated matt gold, matt silver or matt champagne
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/compact-o-s](http://www.erco.com/compact-o-s)

## Compact Surface-mounted luminaires



### Wide luminaire spacing with wallwashing

Efficient ERCO photometrics allow certain luminaires to be spaced unusually far apart at up to 1.5 times the distance to wall.



### Various construction sizes

The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.

### Special characteristics



Various construction sizes



Wide luminaire spacing with wallwashing



ERCO high-power LEDs



Efficient lens system



Optical cut-off 30°/40°



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65

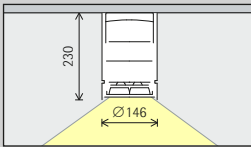


Phase dimmable



Compact Surface-mounted luminaires

Construction size



Size 4

LED module  
Maximum value  
at 4000K CRI 82

16W/2200lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

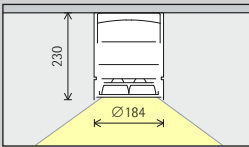
Surface-mounted downlights	Surface-mounted downlights oval flood
Extra wide flood	Oval flood
Surface-mounted lens wallwashers	
Wallwash	

Control

Phase dimmable

Colour (housing)

	Graphit m
	10,000 colours *



Size 5

24W/3300lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Surface-mounted downlights	Surface-mounted downlights oval flood
Extra wide flood	Oval flood
Surface-mounted lens wallwashers	
Wallwash	

Phase dimmable

	Graphit m
	10,000 colours *



Liv Apartments,  
Fremantle. Light-  
ing design: Light-  
ing Options Aus-  
tralia, Perth.  
Photography:  
Matt Devlin, Perth.

\* available on request

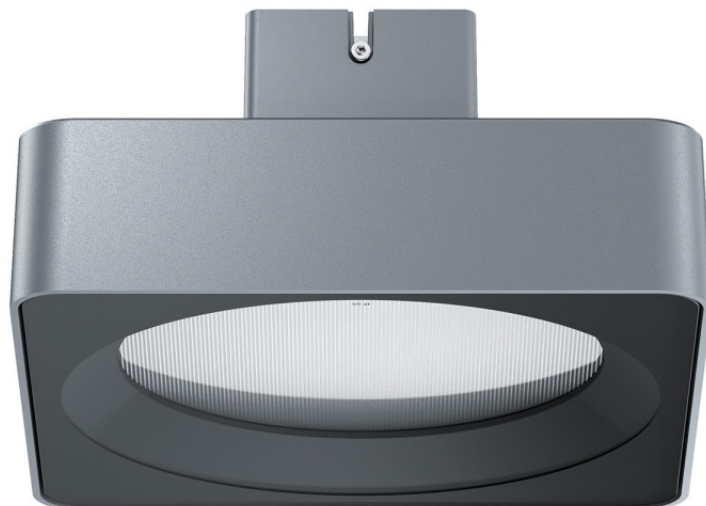
Article numbers and planning data:  
[www.erco.com/013946](http://www.erco.com/013946)

Design and application:  
[www.erco.com/compact-o-s](http://www.erco.com/compact-o-s)









## Lightscan – Powerful light for large spaces

### Effective and efficient general lighting for passages and traffic routes

Lightscan ceiling surface-mounted luminaires provide strong, efficient general lighting for large rooms requiring higher protection ratings in indoor and outdoor areas along with easy maintenance. The higher luminous flux levels enable illumination over large distances and guarantee an excellent lighting level on the floor. The light distributions wide flood, extra wide flood and oval flood are ideal for use in railway stations, passages and arcades as well as traffic areas in

buildings. The maintenance-free optoelectronics protect resources thanks to their high efficiency and also reduce operating costs.

### Related ranges

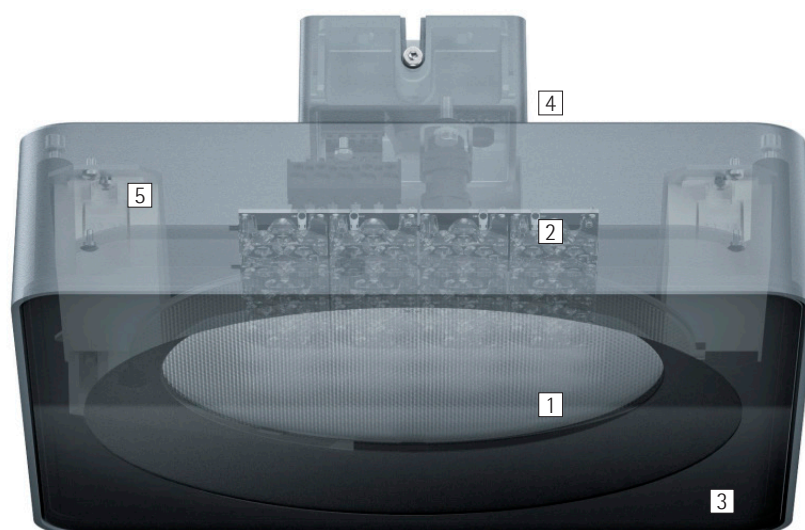


**Lightscan**  
Projectors, flood-  
lights, wallwashers  
Page 614



**Lightscan**  
Façade luminaires  
Page 636





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Light distributions: wide flood, extra wide flood or oval flood
- Oval flood 360° rotation

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

### 3 Cover frame

- Cast aluminium, black powder-coated
- Safety glass

### 4 Housing and ceiling fixture

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated

### 5 Control gear

- Switchable or DALI dimmable

## Protection mode IP65

Dust-tight and water jet-proof

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/lightscan-o-s](http://www.erco.com/lightscan-o-s)

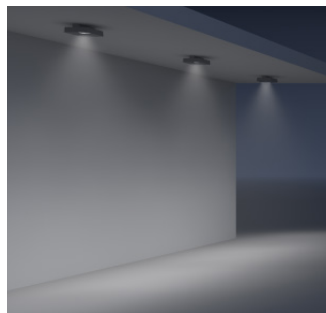
## Lightscan Surface-mounted luminaires



**Large lumen packages for very high illuminances**  
ERCO offers luminaires with large lumen packages for generating very high illuminances.



**Improved visual comfort**  
ERCO has developed luminaires with special housing designs and highquality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



**Oval flood freely rotatable**  
The round oval flood Spherolit lens can be freely rotated with all luminaires to optimally align the light to various objects.

### Special characteristics



Improved visual comfort



Large lumen packages for very high illuminances



Oval flood, freely rotatable



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Protection mode IP65



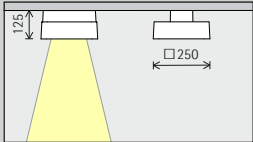
Switchable



DALI dimmable

Lightscan Surface-mounted luminaires

Construction size 250mm



LED module  
Maximum value  
at 4000K CRI 82

48W/6600lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

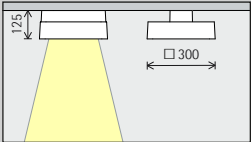
Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *

300mm



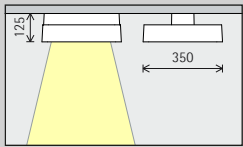
72W/9900lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	







	Switchable
	DALI




	Graphit m
	10,000 colours *





350mm

96W/13200lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Surface-mounted downlights		Surface-mounted downlights oval flood	
	Wide flood		Oval flood
	Extra wide flood		

	Switchable
	DALI

	Graphit m
	10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/015412](http://www.erco.com/015412)

Design and application:  
[www.erco.com/lightscan-o-s](http://www.erco.com/lightscan-o-s)





# Watertight. Effective. Recessed floor luminaires

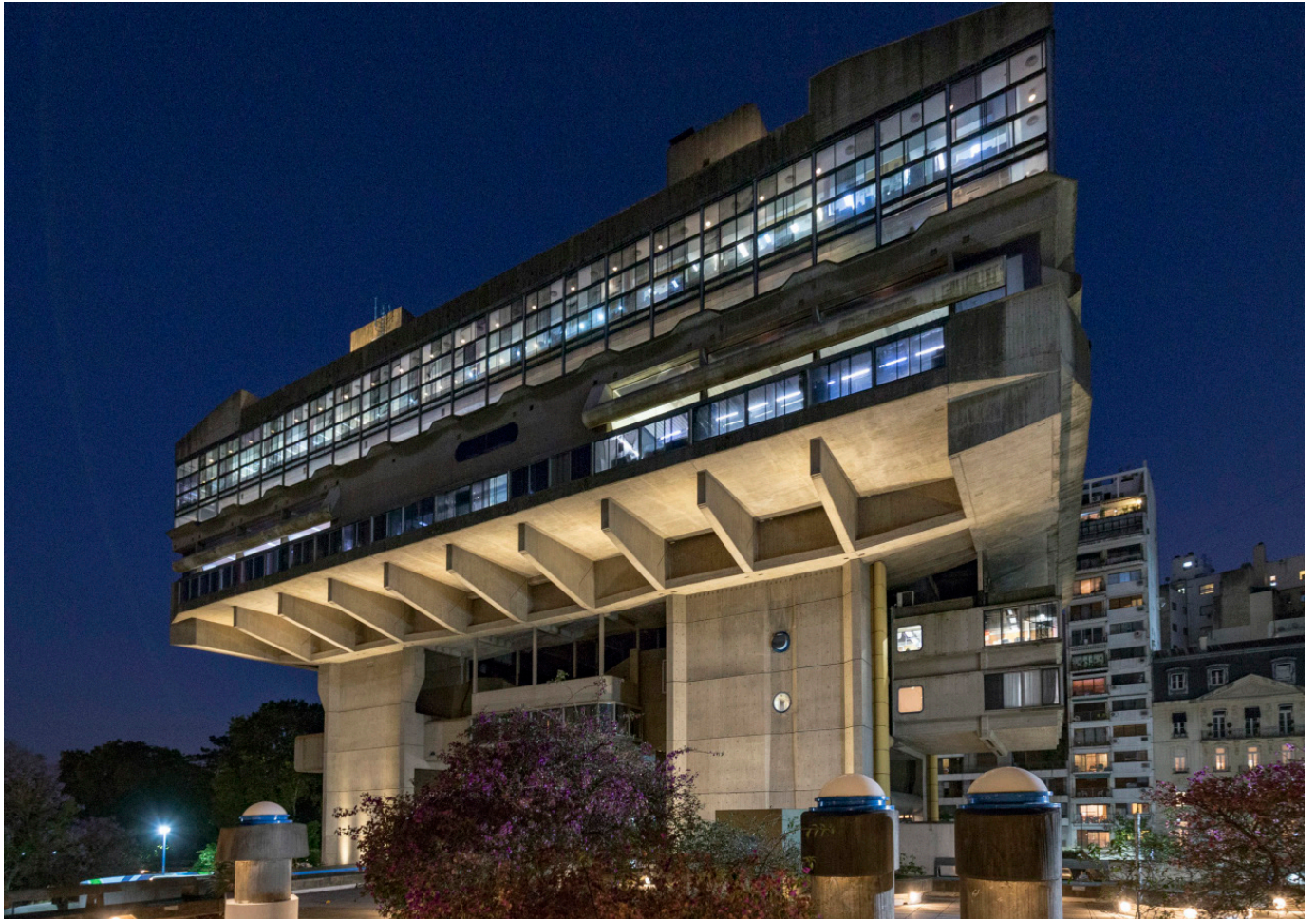
Recessed floor luminaires attract attention because both the light sources on the ground as well as the direction of light from above to below is unusual and therefore particularly noticeable. They are therefore ideal for effective architectural lighting—from accent lighting to uniform wallwashing. Recessed floor luminaires also perform technical tasks just as effectively. As information lighting they indicate pathways and mark entrances for example.



Overview of all ranges: from p. 756

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





### Emphasising landmarks

- Wide light distributions create uniform accentuation
- Luminaires with high lumen packages for lighting from a large distance
- Simple alignment of the light beam thanks to pivotable luminaires avoids light spill in the night sky

Products used:  
Tesis round p. 758

### Creating visual references with wallwashing

- Wallwashing gives walls a bright appearance and follows lines of sight
- Vertical lighting outdoors defines dimensions
- High rooms and walls can also be uniformly illuminated thanks to high lumen packages

Products used:  
Tesis round p. 758





### Creating viewpoints

- Precise light beams avoid light spill in the night sky
- Pivotal luminaires for easy adjustment of the light beam
- ERCO recessed floor luminaires can be driven over and are particularly robust – ideal for use in public spaces

Products used:  
Tesis round p. 758





### Displaying buildings at night

- Different sizes and lumen packages for large and small lighting tasks
- Asymmetric light distribution for uniform wallwashing
- Assembly in mounting enclosures allows drive-over by motor vehicles

Products used:

**Tesis round** p. 758



### Highlighting brands

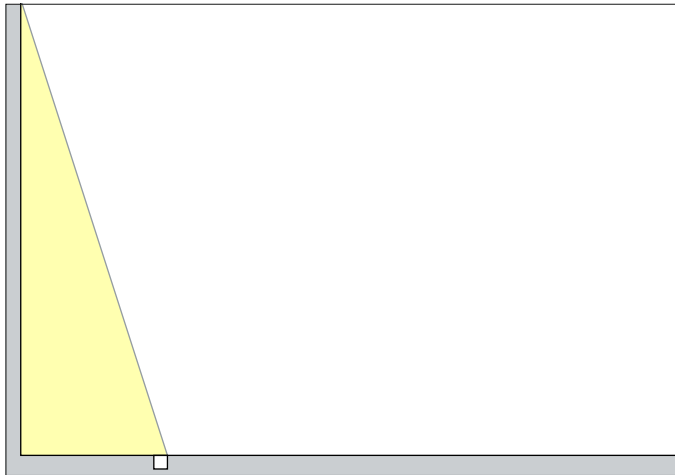
- Uniform grazing light emphasises material and structures
- High uniformity even with very short distance to wall
- Matched quality of light and material emphasise the prestige of the brand

Products used:  
**Site** p. 780



## These lighting tools solve your lighting problems

**You'd like to uniformly illuminate a 6m high facade?**

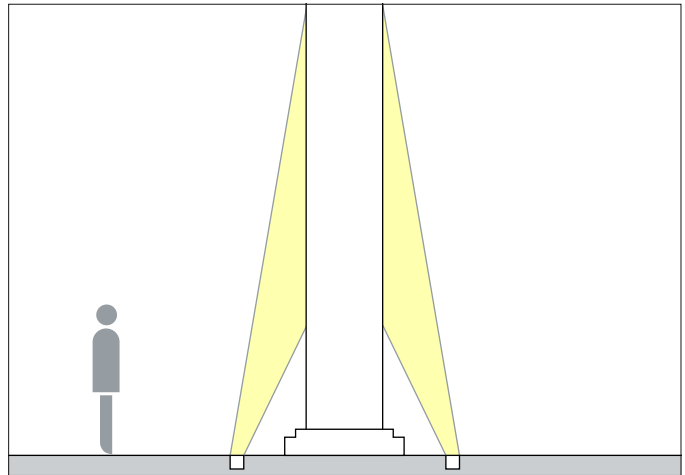


**Tesis square**  
p. 766



**Tesis round**  
p. 758

**You'd like to precisely accentuate the smallest details from large distances?**



**Tesis square**  
p. 766



**Tesis round**  
p. 758

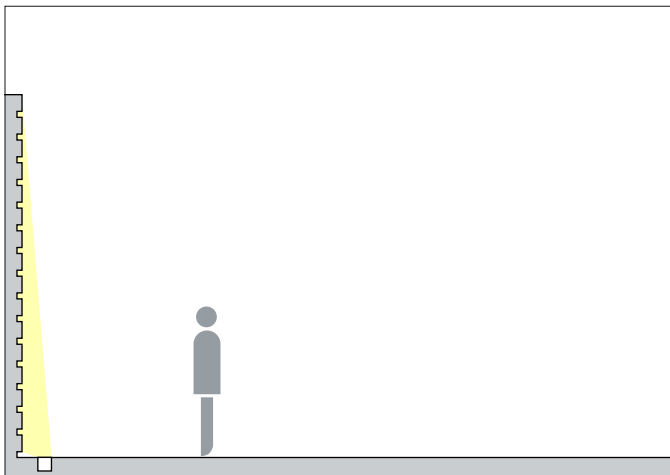
### **Lens wallwashers for uniform vertical lighting**

- ✓ Small distance to wall possible
- ✓ Excellent uniform brightness distribution
- ✓ Ideal for facades and walls in outdoor areas

### **Directional spotlights for impressive accentuations**

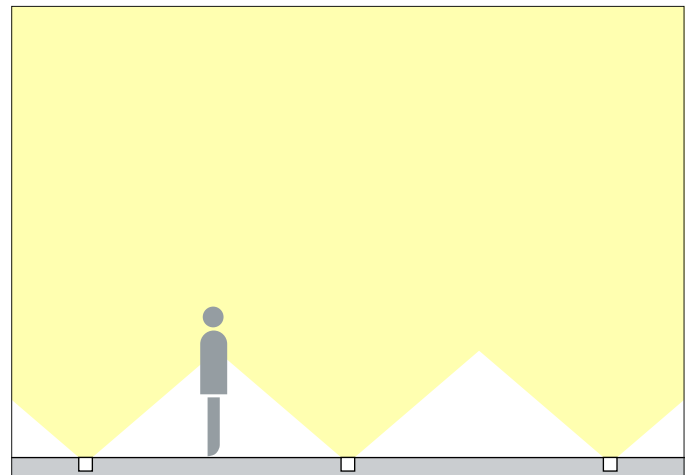
- ✓ Pivotal for easy adjustment of the light beam
- ✓ Light distributions from very narrow  $<10^\circ$  to wide approx.  $35^\circ$  to  $90^\circ$
- ✓ Precise light beams for high illuminances on the target surface

**You'd like to accentuate the textures of a 4m high wall?**



**Site**  
p. 780

**You'd like to uniformly illuminate facades with a minimum number of luminaires?**



**Tesis square**  
p. 766



**Tesis round**  
p. 758

### **Grazing light wallwashers for the effective illumination of wall structures**

- ✓ Very small distance to wall of down to 30cm possible
- ✓ Pivotal by  $\pm 10^\circ$  and thus precisely adjustable on site
- ✓ Extremely uniform vertical brightness distribution

### **Lens wallwashers for large luminaire spacings**

- ✓ Luminaire spacing up to 1.5 times the distance to wall
- ✓ Small number of luminaires reduces project costs
- ✓ Excellent uniform brightness distribution

**Lens wall-washers** for uniform brightness distribution on vertical surfaces.

**Uplights** for uniform illumination from below for trees and architectural features

## Quality of light with precision

ERCO luminaires project their light via highly efficient Spherolit technology. This creates precisely defined beams of light without spill light. Noteworthy is that high illuminance is achieved even with small wattages.

## Light from the ground

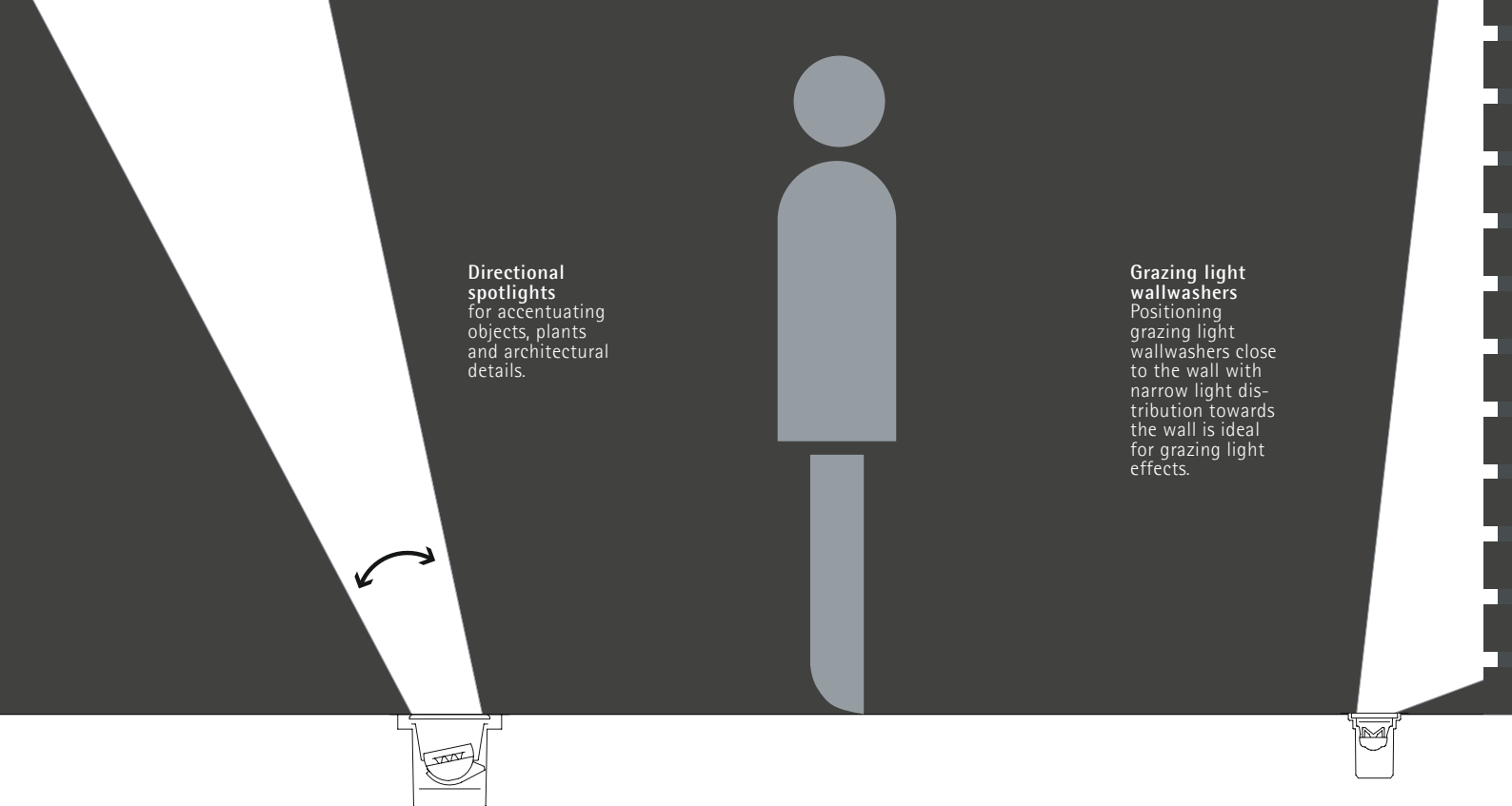
Whatever you wish to illuminate, you'll find the right recessed floor luminaires with the right light distributions in the form of ERCO uplights, directional spotlights, lens wallwashers and grazing light wallwashers.

## This distinguishes our recessed floor luminaires



## From small to large

The right size and lumen package for any project: from uniform facade lighting to the functional orientation lighting of urban squares.



**Directional spotlights**  
for accentuating  
objects, plants  
and architectural  
details.

**Grazing light  
wallwashers**  
Positioning  
grazing light  
wallwashers close  
to the wall with  
narrow light dis-  
tribution towards  
the wall is ideal  
for grazing light  
effects.

## Pivotal

Directional spotlights and grazing light wallwashers can be simply and precisely adjusted for optimum alignment of the light beam. The light is thus emitted to exactly where it is needed.

## High visual comfort

To achieve a particularly high level of visual comfort, ERCO has developed luminaires that ideally shield the light source thanks to their special housing design.

## Customise

"ERCO individual" offers extensive options for the individualisation of product ranges, e.g. with anti-slip glass: [erco.com/individual](http://erco.com/individual)



## Certified: IP68 and safety class II

All ERCO recessed floor luminaires have an IP68 protection rating with safety class II. This makes them suitable for outdoor and indoor use and also means wiring complexity is kept to a minimum.



## Efficient building guidance technology

ERCO orientation luminaires with up to 40 luminaires per control unit mark paths, steps and corridors.

## Strong mounting enclosure

Robust, corrosion-free mounting enclosures allow recessed floor luminaires to be walked on and driven over.



Products with these features can be found on the next page.



Wallwashers, uplights and directional luminaires



Tesis round 758

- Pivotable directional luminaires for accent lighting
- High uniformity with wallwashing
- Six light distributions



Tesis square 766

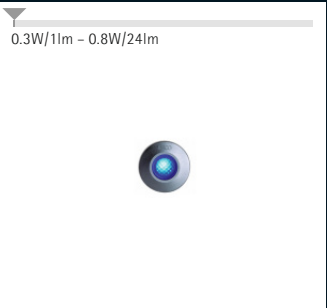
- Pivotable directional luminaires for accent lighting
- High uniformity with wallwashing
- Six light distributions



Site 780

- Impressive grazing light
- Very high visual comfort
- Large luminaire spacing
- Public, Hospitality

Orientation luminaires and floor washlights



Orientation luminaires 774

- Floor washlights available
- Small luminaire dimensions
- Blue LEDs available
- Hospitality, Community



Belmont Forum,  
Cloverdale.  
Lighting design:  
Lighting Options  
Australia, Perth.  
Photography:  
Matt Devlin,  
Perth.



Trafikplats Spille-  
pengen, Malmö.  
Architecture:  
Ramboll, Stock-  
holm. Lighting  
design: Malmö  
City Johan  
Moritz.  
Photography:  
Johan Elm.







# Tesis round – The benchmark in the outdoor area

## An innovative archetype in outdoor lighting

Tesis has long been a regular feature in the outdoor range. In a completely upgraded version, it now delivers an entirely new level of performance. Innovative photometrics ensure maximum brilliance and efficiency. A considerably flatter housing thanks to LED technology ensures exceptionally straightforward installation – in both round and square version. The robust polymer housing is fully corrosion-resistant and designed to ensure long life and ease of use. Be it directional luminaire, uplight

or wallwasher, Tesis sets the benchmark in outdoor lighting.

## Related ranges



**Tesis square**  
In-ground luminaires  
Page 768







### Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

#### 1 ERCO Spherolit lens

- Directional spotlight light distributions: narrow spot, spot, flood or oval flood
- Uplight light distribution: wide flood

#### Lens wallwasher

- Optical cut-off 40°
- ERCO lens system: wallwash
- Wallwasher reflector: Metal or polymer, aluminised, silver, textured, partially coated black, with diffuser on lower side

#### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer
- Directional spotlight pivotable through 0°-30°

#### 3 Cover ring

- Covered or flush mounting detail
- Stainless steel
- Safety glass: 15mm, transparent

#### 4 Housing

- Polymer, black
- Longitudinally watertight cable 3x1.5mm<sup>2</sup>
- Installation with separate connection sleeve
- Mounting is possible without mounting enclosure
- Installation in mounting enclosure: driveable, can be driven over by vehicles with air-filled tyres. Load 20kN or 50kN
- Hollow floor installation only with overlapping installation detail: Fixing set to be ordered separately

#### 5 Control gear

- Switchable or phase dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

#### Protection mode IP68

Protection against the ingress of dust, protection against the consequences of continuous immersion in water to a depth of max. 3m.

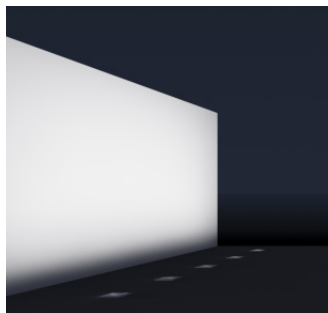
#### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
  - Cover ring: V4A stainless steel
  - Anti-slip safety glass
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/tesis-round](http://www.erco.com/tesis-round)

## Tesis round In-ground luminaires



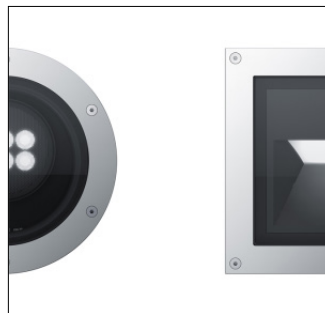
### Outstanding uniformity

To meet the stringent standards of vertical illuminance, ERCO has developed luminaires specifically to produce exceptionally uniform levels of illuminance.



### Improved visual comfort

ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Available in round or square


















The ERCO system design includes round and square versions to provide luminaires suited to the architecture and surroundings.



### Large luminaire spacing

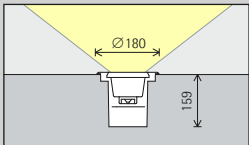
For some wallwashers, the luminaire spacing may be up to 1.5 times the offset from the wall. Corresponding details are provided in the wallwasher tables in the catalogue or the product data sheets. Computerised beam calculations are recommended to check potential intersections with side walls.

### Special characteristics

	Improved visual comfort		ERCO high-power LEDs		Excellent thermal management		Switchable
	Outstanding uniformity		Efficient Spherulit technology		EMC-optimised		Phase dimmable
	Available in round or square		Optical cut-off 40°		Various construction sizes		
	Wide luminaire spacing with wallwashing		Different light distributions		Flush or covered mounting detail		
			Different light colours		Protection mode IP68		
					Safety class II		

Tesis round In-ground luminaires

Construction size



Size 3

LED module  
Maximum value  
at 4000K CRI 82

8W/1100lm
-----------

Light colour

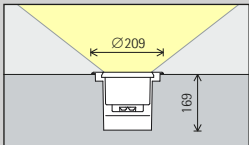
	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light  
distribution

	Lens wallwasher
	Wallwash
	Uplight
	Wide Flood

Control

	Switchable
--	------------



Size 4

16W/2200lm	2W/275lm (Narrow spot)
------------	------------------------

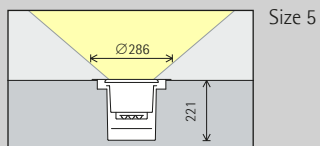
	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	Lens wallwasher	Directional luminaire
	Wallwash	Narrow spot
	Uplights	Spot
	Wide Flood	Flood
		Oval flood

	Switchable
--	------------

Accessories

	Connection sleeve		Recessed housing
	Branching sleeve		Mounting kit



4W/550lm (Narrow spot)




	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *


Directional luminaire
● Narrow spot

 Switchable

24W/3300lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Lens wallwasher	Directional luminaire
 Wallwash	● Spot
Uplight	● Flood
 Wide Flood	 Oval flood

 Phase dimmable

\* available on request

Article numbers and planning data:  
[www.erco.com/015146](http://www.erco.com/015146)

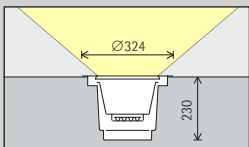
Design and application:  
[www.erco.com/tesis-round](http://www.erco.com/tesis-round)





Tesis round In-ground luminaires

Construction size








Size 7







LED module  
Maximum value  
at 4000K CRI 82

32W/4400lm	8W/1100lm (Narrow spot)
------------	-------------------------


Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *





Light  
distribution

Lens wallwasher		Directional luminaire	
	Wallwash		Narrow spot
Uplight			Spot
	Wide Flood		Flood
			Oval flood

Control

	Phase dimmable
---	----------------

Accessories

	Connection sleeve		Recessed housing
	Branching sleeve		Mounting kit



Facade of Brand-sende office building, Hamburg.  
 Architecture: Akyol Kamps, Hamburg. Lighting design: Akyol Kamps, Hamburg.  
 Photography: Frieder Blickle, Hamburg.

\* available on request

Article numbers and planning data:  
[www.erco.com/015146](http://www.erco.com/015146)

Design and application:  
[www.erco.com/tesis-round](http://www.erco.com/tesis-round)









# Tesis square – The benchmark in the outdoor area

## An innovative archetype in outdoor lighting

Tesis has long been a regular feature in the outdoor range. In a completely upgraded version, it now delivers an entirely new level of performance. Innovative photometrics ensure maximum brilliance and efficiency. A considerably flatter housing thanks to LED technology ensures exceptionally straightforward installation – in both round and square version. The robust polymer housing is fully corrosion-resistant and designed to ensure long life and ease of use. Be it directional luminaire, uplight

or wallwasher, Tesis sets the benchmark in outdoor lighting.

## Related ranges



**Tesis round**  
In-ground luminaires  
Page 760







## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO Spherolit lens

- Directional spotlight light distributions: narrow spot, spot, flood or oval flood
- Uplight light distribution: wide flood

#### Lens wallwasher

- Optical cut-off 40°
- ERCO lens system: wallwash
- Wallwasher reflector: Metal or polymer, aluminised, silver, textured, partially coated black, with diffuser on lower side

### 2 ERCO LED-module

- High-power LEDs: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer
- Directional spotlight pivotable through 0°-30°

### 3 Cover frame

- Covered or flush mounting detail
- Stainless steel
- Safety glass: 15mm, transparent

### 4 Housing

- Polymer, black
- Longitudinally watertight cable 3x1.5mm<sup>2</sup>
- Installation with separate connection sleeve
- Mounting is possible without mounting enclosure
- Installation in mounting enclosure: driveable, can be driven over by vehicles with air-filled tyres. Load 20kN or 50kN
- Hollow floor installation only with overlapping installation detail: Fixing set to be ordered separately

### 5 Control gear

- Switchable or phase dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Protection mode IP68

Protection against the ingress of dust, protection against the consequences of continuous immersion in water to a depth of max. 3m.

### Variants on request

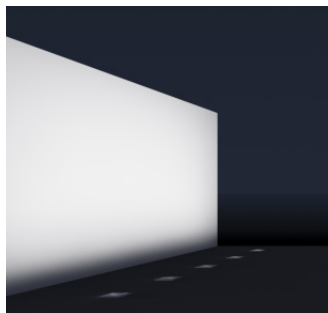
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Cover frame: V4A stainless steel
- Anti-slip safety glass

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/tesis-square](http://www.erco.com/tesis-square)

## Tesis square In-ground luminaires



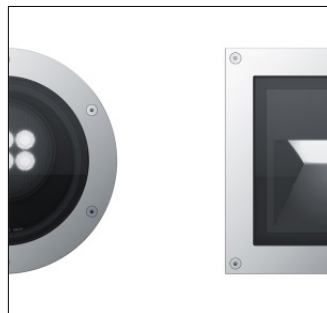
### Outstanding uniformity

To meet the stringent standards of vertical illuminance, ERCO has developed luminaires specifically to produce exceptionally uniform levels of illuminance.



### Improved visual comfort

ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Available in round or square


















The ERCO system design includes round and square versions to provide luminaires suited to the architecture and surroundings.



### Large luminaire spacing

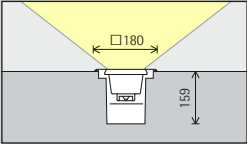
For some wallwashers, the luminaire spacing may be up to 1.5 times the offset from the wall. Corresponding details are provided in the wallwasher tables in the catalogue or the product data sheets. Computerised beam calculations are recommended to check potential intersections with side walls.

### Special characteristics

	Improved visual comfort		ERCO high-power LEDs		Excellent thermal management		Switchable
	Outstanding uniformity		Efficient Spherulit technology		EMC-optimised		Phase dimmable
	Available in round or square		Optical cut-off 40°		Various construction sizes		
	Wide luminaire spacing with wallwashing		Different light distributions		Flush or covered mounting detail		
			Different light colours		Protection mode IP68		
					Safety class II		

Tesis square In-ground luminaires

Construction size





Size 3

LED module

Maximum value at 4000K CRI 82

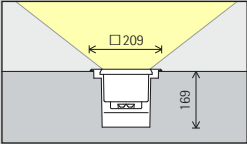
8W/1100lm

Light colour		2700K CRI 92 *		3500K CRI 92 *
		3000K CRI 92		4000K CRI 82
		3000K CRI 97 *		4000K CRI 92 *

Light distribution	Lens wallwashers	
		Wallwash
	Uplights	
		Wide Flood

Control

 Switchable










Size 4





16W/2200lm

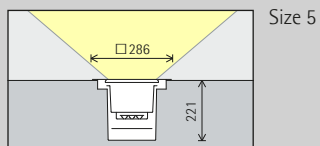
2W/275lm (Narrow spot)

		2700K CRI 92 *		3500K CRI 92 *
		3000K CRI 92		4000K CRI 82
		3000K CRI 97 *		4000K CRI 92 *

	Lens wallwashers		Directional luminaires	
		Wallwash		Narrow spot
	Uplights			Spot
		Wide Flood		Flood
				Oval flood

 Switchable

Accessories		Connection sleeve		Recessed housing
		Branching sleeve		Mounting kit



4W/550lm (Narrow spot)

24W/3300lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Directional luminaires
● Narrow spot

Lens wallwashers	Directional luminaires
● Wallwash	● Spot
Uplights	● Flood
● Wide Flood	● Oval flood

Switchable

Phase dimmable

\* available on request

Article numbers and planning data:  
[www.erco.com/018336](http://www.erco.com/018336)

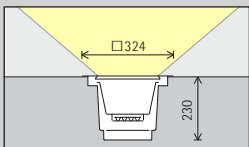
Design and application:  
[www.erco.com/tesis-square](http://www.erco.com/tesis-square)





Tesis square In-ground luminaires

Construction size








Size 7







LED module  
Maximum value  
at 4000K CRI 82

32W/4400lm	8W/1100lm (Narrow spot)
------------	-------------------------

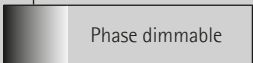
Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *





Light  
distribution

Lens wallwashers		Directional luminaires	
	Wallwash		Narrow spot
	Uplights		Spot
	Wide Flood		Flood
			Oval flood

Control



Accessories

	Connection sleeve		Recessed housing
	Branching sleeve		Mounting kit



Bus station, Blackburn. Architecture: Capita Symonds – Altaf Master. Photography: Lukas Palik, Düsseldorf.

\* available on request

Article numbers and planning data:  
[www.erco.com/018336](http://www.erco.com/018336)

Design and application:  
[www.erco.com/tesis-square](http://www.erco.com/tesis-square)









# Orientation luminaires – Right to the point

## High-quality light for guidance and orientation

Be it white or RGB – the orientation luminaires illuminate pathways, mark out entrances, contribute to safety on stairs, and identify architectural lines. Stainless steel covers and scratch-resistant glass ensure that the orientation luminaires will function as high-quality lighting tools illuminating your architecture for years to come. Their special optical components make these orientation luminaires highly visible even in bright surroundings.

Functions such as dimming and rapid or gradual fading add to their

quality as the perfect partner for safety and networked building technology. Featuring the same LED performance as other ERCO lighting tools, these luminaires can easily be combined with other ERCO solutions. Their low energy consumption means up to forty luminaires can be connected per control gear.







## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 ERCO LED-module

- Light colours: Warm white (3000K), neutral white (4000K) or blue

### Floor washlight

- Reflector: polymer, aluminized, matt silver

### 2 Cover ring

- Stainless steel
- Safety glass: 6mm
- Load 5kN
- Prismatic lens with point-based light emission

### 3 Installation sleeve with lamellae

- Polymer
- Housing with sealing: stainless steel

### 12V and 24V

- Cable 2x0.75mm<sup>2</sup>
- Installation unit to be ordered separately

or

### 230V

- Switchable
- 2-wire connection cable

### Protection mode IP68

Protection against the ingress of dust, protection against the consequences of continuous immersion in water to a depth of max. 3m.



Design and application:  
[www.erco.com/orientation-luminaires](http://www.erco.com/orientation-luminaires)

## Orientation luminaires



### Small luminaire dimensions

Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.



### Floor washlight

The recommended mounting height of floor washlights is approx. 0.4m at the wall.

### Special characteristics



Floor washlight



Small luminaire dimensions



ERCO LEDs



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes

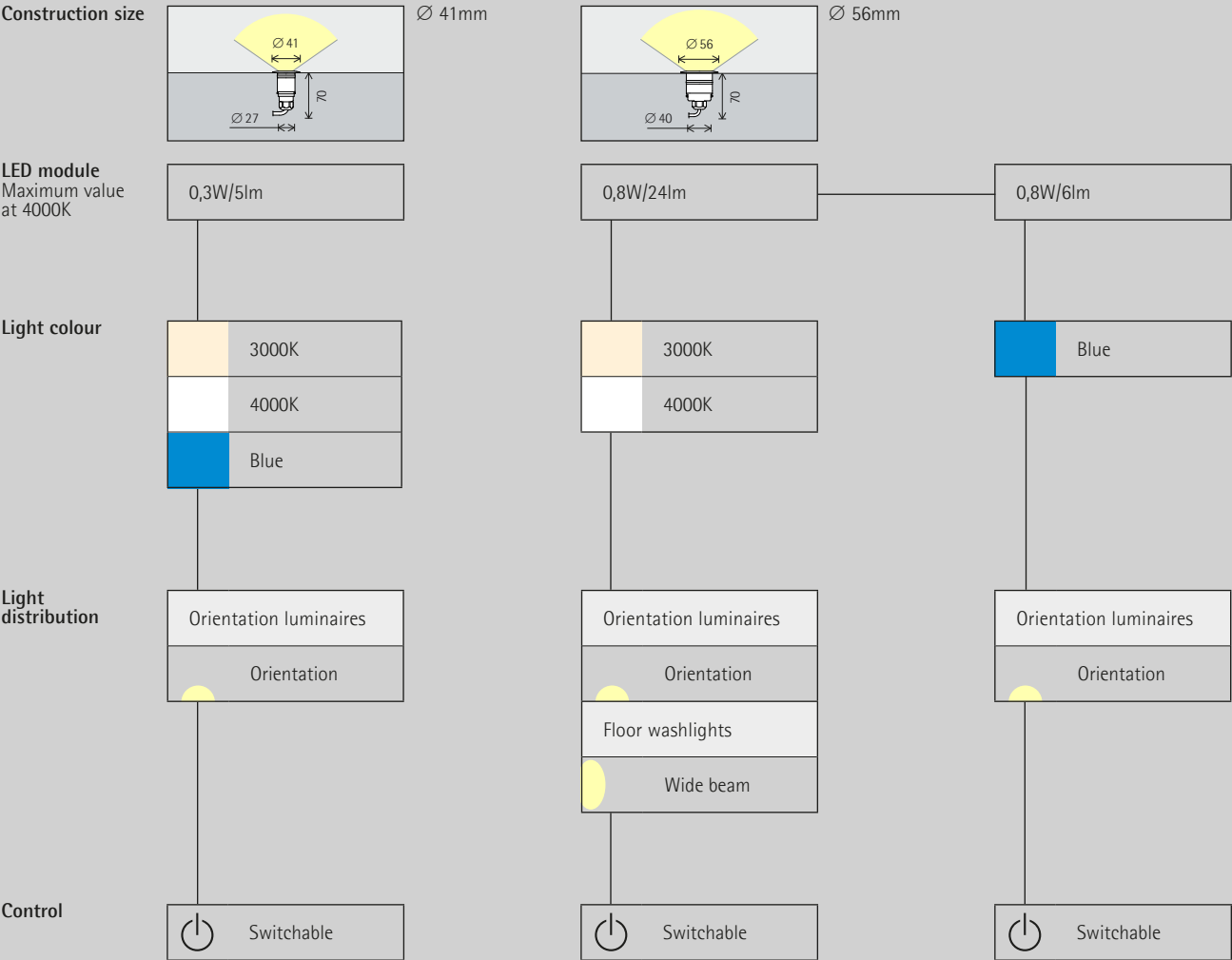





Protection mode IP68

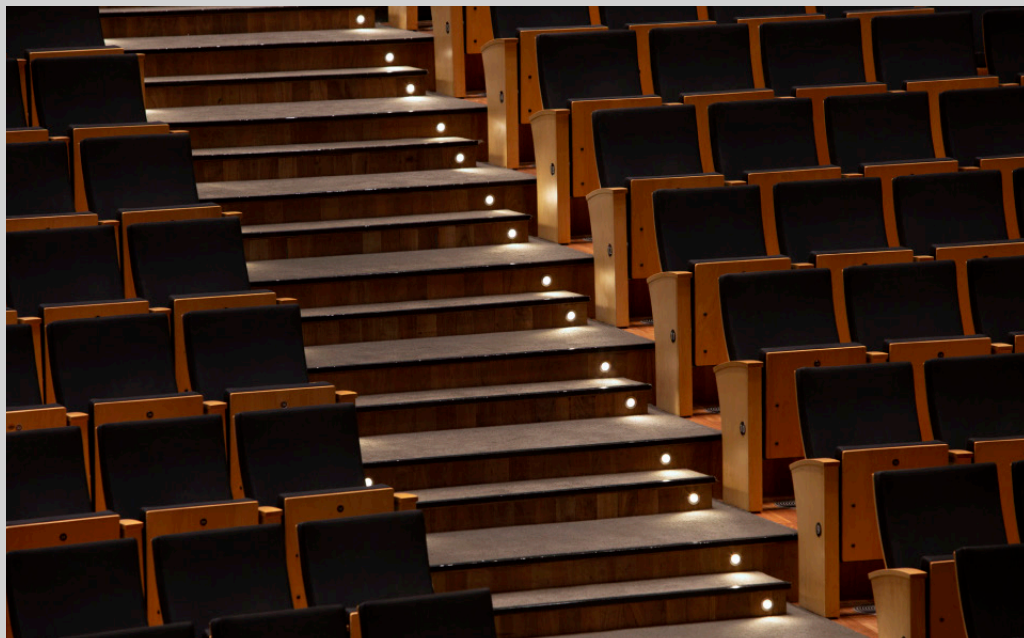


Switchable

Orientation luminaires



Accessories		Installation unit		Mounting enclosure
		Distribution box		



CCK Centro Cul-  
tural Kirchner,  
Buenos Aires.  
Architecture: B4FS  
- Federico Bares,  
Enrique Bares,  
Nicolás Bares,  
Daniel Becker,  
Claudio Ferrari,  
Florencia Schnack,  
Buenos Aires. Pho-  
tography: Edgar  
Zippel, Berlin.

\* available on request

Article numbers and planning data:  
[www.erco.com/013123](http://www.erco.com/013123)

Design and application:  
[www.erco.com/orientation-luminaires](http://www.erco.com/orientation-luminaires)









## Site – Emphasising wall structures for a three-dimensional effect

### **Grazing light wallwashers accentuate surface texture on walls and façades**

Site emphasises the tactile qualities of architectural materials: The grazing light wallwasher brings out the finest wood, concrete or brick texture as exquisitely as rough surfaces such as natural stone, thereby enabling the luminaire to set off historic features or regional materials. In contrast to conventional wallwashers which give walls a soft character, Site adds an almost tactile dimension through high-contrast light and shadow

effects. The luminaire can be tilted conveniently by up to 10° in both directions. With its asymmetrical light distribution, the grazing light wallwasher can be positioned up to 30cm close to the wall and still produce an exceptionally uniform beam. The resulting special rendering of vertical illuminance combines strikingly illuminated texture for scenic effect with efficient outdoor illumination.





## Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

### 1 Softec lens

### 2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer
- $\pm 10^\circ$  tilt

### 3 Frame

- Covered or flush mounting detail
- Stainless steel
- Safety glass: 10mm, transparent

### 4 Housing

- Polymer, black
- Connection cable 3x1.5mm<sup>2</sup> or 5x1.5mm<sup>2</sup>
- Installation with separate connection sleeve
- Installation in mounting enclosure: driveable, can be driven over by vehicles with air-filled tyres. Load 20kN
- Hollow floor installation only with overlapping installation detail: Fixing set to be ordered separately

### 5 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

### Protection mode IP68

Protection against the ingress of dust, protection against the consequences of continuous immersion in water to a depth of max. 3m.

### Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Frame: V4A stainless steel
- Anti-slip safety glass

Please contact your ERCO consultant.



Design and application:  
[www.erco.com/site](http://www.erco.com/site)

## Site In-ground luminaires



### Grazing light wallwashing

Grazing light wallwashers need to be positioned close to the wall for ideal effects.



### Very high visual comfort

ERCO has developed luminaires with special housing designs and high-quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.



### Large luminaire spacing

ERCO's efficient photometrics enable selected luminaires to be spaced particularly far apart, thereby minimising the number of luminaires required.

### Special characteristics



Excellent visual comfort



Grazing light wallwasher



Large luminaire spacing possible



ERCO high-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



Pivotable by  $\pm 10^\circ$



Flush or covered mounting detail



Protection mode IP68



Safety class II



Switchable



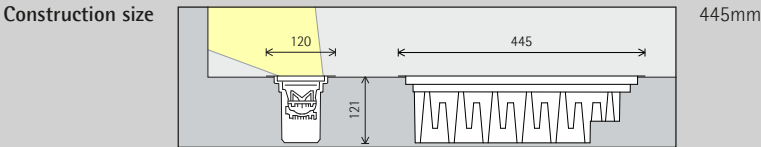
Phase dimmable



DALI dimmable



Site In-ground luminaires



LED module  
Maximum value  
at 4000K CRI 82

24W/3300lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Grazing light wallwashers

Grazing light

Control

Switchable

Phase dimmable

DALI

Accessories

	Connection sleeve		Mounting enclosure
	Branching sleeve		Mounting kit



\* available on request

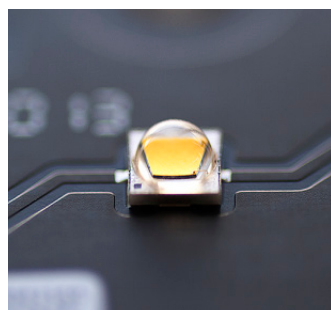
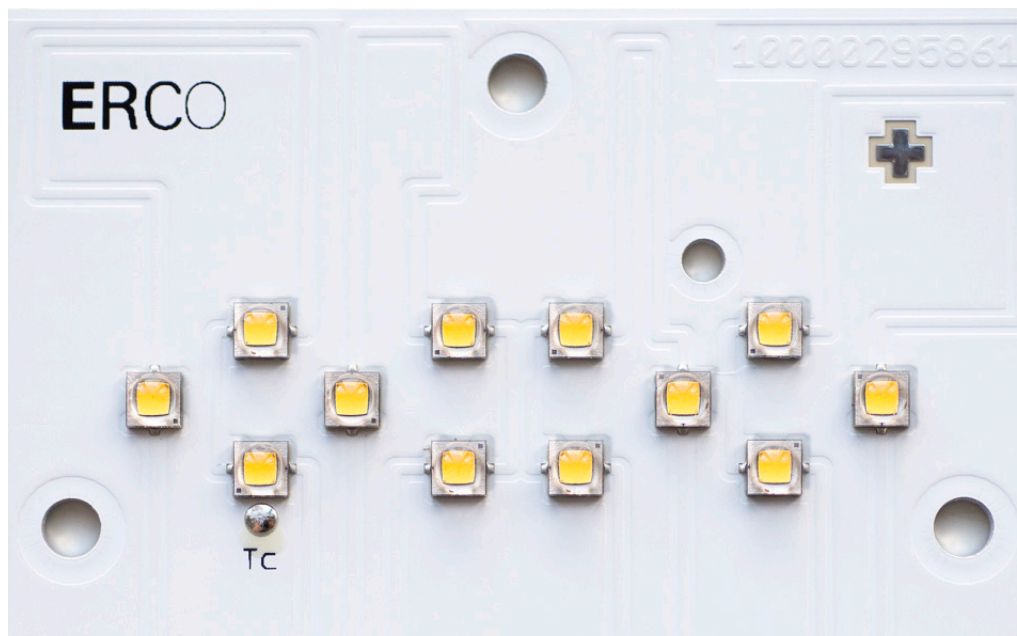
Article numbers and planning data:  
[www.erco.com/015411](http://www.erco.com/015411)

Design and application:  
[www.erco.com/site](http://www.erco.com/site)



## LEDs in ERCO luminaires

The following pages give details of the LEDs used at ERCO. The consistently high quality of these LEDs is the result of a selection process based on criteria which we have described here for your information.



### Technical data

ERCO uses the same High-power or Mid-power LEDs for the entire product range. This results in the enormous advantage for users that the quality of light always remains at a consistently high level.

For flexible use, in addition to the six standard light colours, controllable (tunable white) colour spectra are also available for some applications.

Due to the manufacturing process of LEDs, the typical values given for LED parameters are only statistical values. Deviations are possible within the typical size range of LEDs and are within the usual industrial tolerances.

### LED modules

ERCO luminaire systems in the catalogue are differentiated according to the efficiency of their LED modules. The separate consideration of module luminous flux, luminaire luminous flux and connected load enables better evaluation of the photometric and energetic efficiency. In addition to the module values, the efficiency data for the complete luminaire is separately specified in the catalogue and data sheet for this purpose.

### High-power LED

Colour temperature  
Luminous efficacy\*  
Colour rendering  
Lumen maintenance  
Failure rate

2700K	3000K	3000K	3500K	4000K	4000K
99lm/W	105lm/W	101lm/W	121lm/W	138lm/W	128lm/W
CRI 92	CRI 92	CRI 97	CRI 92	CRI 82	CRI 92
L90/B10 up to 50,000 hours					
0.1% up to 50,000 hours					

### Mid-power LED

Colour temperature  
Luminous efficacy\*  
Colour rendering  
Lumen maintenance  
Failure rate

2700K	3000K	3000K	3500K	4000K	4000K
144lm/W	175lm/W	149lm/W	161lm/W	193lm/W	164lm/W
CRI 92	CRI 82	CRI 92	CRI 92	CRI 82	CRI 92
L90/B50 up to 50,000 hours					
0.1% up to 50,000 hours					

### Chip-on-board LED (COB)

Colour temperature  
Luminous efficacy\*  
Colour rendering  
Lumen maintenance

2700K	2700K	3000K	3000K
147lm/W	125lm/W	151lm/W	131lm/W
CRI 82	CRI 92	CRI 82	CRI 92
L80/B50 up to 50,000 hours			

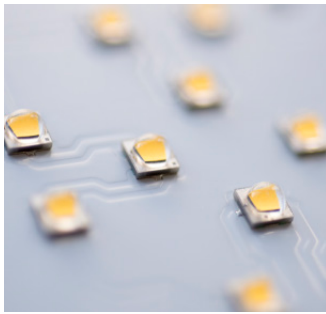
Colour temperature

3000K fashion	3500K	4000K	4000K
101lm/W	136lm/W	159lm/W	140lm/W
CRI 92	CRI 92	CRI 82	CRI 92
L80/B50 up to 50,000 hours			

\* Determination of luminous efficacy: LED module High-power at 700mA; Mid-power at 65mA, COB at 1050mA; T<sub>s</sub> 25°

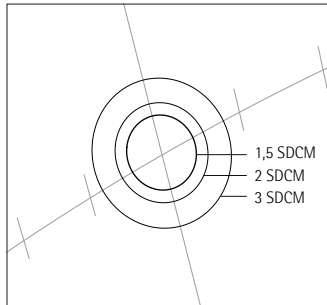
Note: all data are statistical averages.

## LEDs in ERCO luminaires



### LED selection

As is the case with all semiconductor products, white LEDs exhibit a degree of production tolerance. Such tolerances exist in areas such as the colour loci, lumen maintenance, and forward bias. ERCO considers all these criteria in the selection of its LEDs providing users with the highest possible quality.



### Colour consistency (SDCM)

The SDCM value (Standard Deviation of Colour Matching) is used to qualify a light source with regard to colour consistency (colour location deviation).

The SDCM (Standard Deviation of Colour Matching) value defines an LED in terms of colour consistency (chromaticity variation). It is based on a study conducted by American engineer David MacAdam and describes the degree of deviation from a defined chromaticity coordinate in the CIE diagram. According to MacAdam, the coordinates of all colours perceived as identical lie within an ellipse around the reference colour location. The system, created by adding further ellipses of increasing size, is used to classify the maximum colour deviation of light sources. Occasionally also referred to as MacAdam ellipse of a certain step size, the commonly accepted

term is now SDCM. The higher the SDCM value, the greater the possible deviation of the light colour from the colour coordinates specified in the technical data of the light source.

In addition to LED selection, the current applied to the LED module and the operating temperature of a luminaire also influence the SDCM value. Higher temperatures may cause a shift in the colour location. The operating temperature depends on external conditions such as the ambient temperature, the operating current and the heat management of a luminaire.

### SDCM for ERCO LED modules with High-power LEDs

ERCO LED modules with High-power LEDs demonstrate very good colour consistency. The LEDs are selected with a special binning process, giving the modules an

excellent typical initial value of  $\text{SDCM} \leq 1.5$ . See the appropriate data sheet for the specific value for the respective luminaire.

### SDCM for ERCO LED modules with Mid-power LEDs

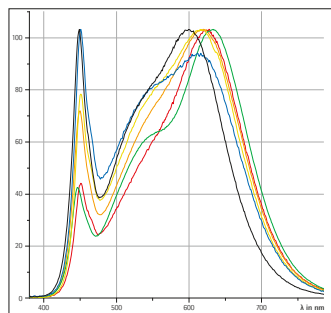
ERCO LED modules with Mid-power LEDs achieve the excellent typical initial value of  $\text{SDCM} \leq 1.5$ . ERCO achieves this by carefully selecting and combining the LEDs on the modules. See the specific data sheet for the concrete value for the respective luminaire.

**Production**  
ERCO LED  
modules in  
Lüdenscheld,  
Germany





# LEDs in ERCO luminaires



## Spectrum

LEDs in ERCO luminaires have a continuous spectrum, thereby ensuring good to very good colour rendering for neutral white (3500 – 4000K) and very good colour rendering for warm white (2700 – 3000K). The LEDs deliver practically no UV or IR radiation and have a low damage factor making them ideal particularly for the illumination of sensitive and valuable objects.

Luminaires with tunable white enable the setting of colour temperature. This allows the light colour to be adapted to daylight and specific visual tasks based on the principle of HCL (Human Centric Lighting).



## Damage factor

The relative damage factor is used to assess suitable light sources for conservation requirements such as in museums. It specifies the ratio of the damaging radiation intensity and the illuminance. Warm white LED lighting is even better suited for delicate objects than low-voltage halogen lamps with or without UV filter.

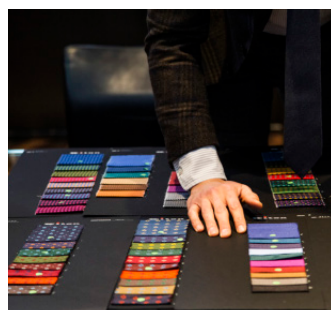
## Light source

LED 2700K, CRI 92  
LED 3000K, CRI 92  
LED 3000K, CRI 97  
LED 3500K, CRI 92  
LED 4000K, CRI 82  
LED 4000K, CRI 92

## Relative damage factor

$f$  (mW/lm)

0.151  
0.165  
0.160  
0.170  
0.190  
0.198



Reference colours  $R_a$  (CRI)

## Evaluation of colour rendering using $R_a$ (CRI)

Colour rendering refers to the ability of a light source to reproduce colours faithfully in comparison with an ideal or natural light source. One method used to quantify the colour rendering quality with maximum objectivity is the colour rendering index, CRI, also sometimes referred to as  $R_a$  in parts of Europe. It is calculated by comparing the colour rendering of the test source to that of a reference illuminant with correlated colour temperatures. A colour rendering index between 90 and 100 is considered very good, and a

value between 80 and 90, as good. The CRI method as the only normatively valid process until now is highly controversial in expert circles and should only be used as a rough guide for a light source. For the best results, comparison of several light sources during a visual assessment may be worthwhile.



Reference colours TM-30

## Evaluation of colour rendering according to TM-30

As an alternative to the  $R_a$ /CRI process, TM-30 defines the values  $R_f$  and  $R_g$ . These reference the similarity to a test light source and reference spectrum with regard to colour fidelity ( $R_f$  - fidelity) and saturation ( $R_g$  - gamut). The reference light source is a "black body" or standard CIE-D light source.  $R_f$  is comparable with  $R_a$  and the calculation method and maximum value of 100 are identical. By considering 99 instead of 8 reference colours, lower values often result with  $R_f$  compared to  $R_a$ /CRI.

$R_g$  specifies the colour range, i.e. the size of the displayable colour space. A light source with precise, true-to-nature colour rendering has an  $R_g$  value of 100; both smaller and larger values are possible.

$R_f$  and  $R_g$  on their own however do not provide definitive information about the colour rendering quality of a light source. This is only possible with the colour vector graphic that displays the size and direction of colour shift for selected test colours compared to a reference light source.

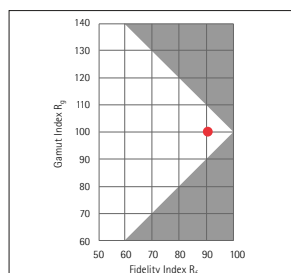
If the determined curve is located outside the circumference valid for the reference, colours in this area are rendered with oversaturation. If the curve is inside, the corresponding colours are rendered with a lower saturation.

# LEDs in ERCO luminaires

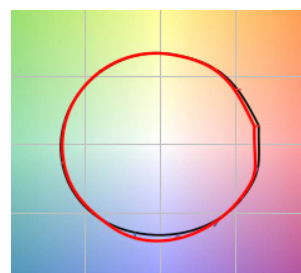
## ERCO LED 2700K

$R_f$	91
$R_g$	100
$R_a$ / CRI	92

Ratio of  $R_f$  to  $R_g$



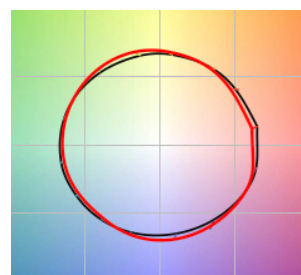
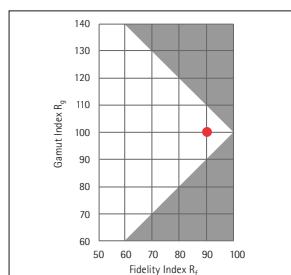
Colour vector diagram



— Reference  
— ERCO LED

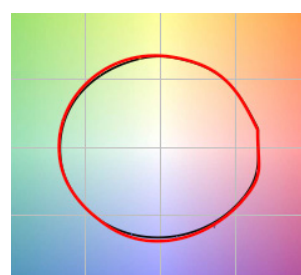
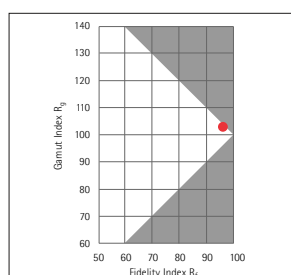
## ERCO LED 3000K

$R_f$	90
$R_g$	100
$R_a$ / CRI	92



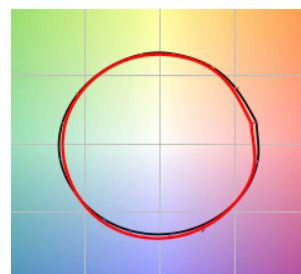
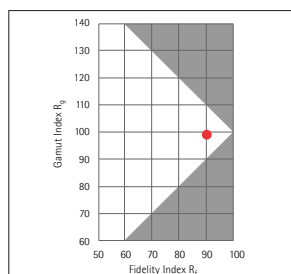
## ERCO LED 3000K

$R_f$	96
$R_g$	103
$R_a$ / CRI	97



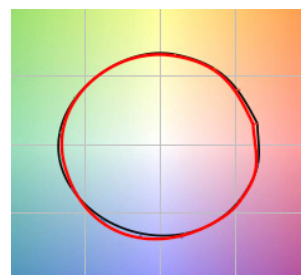
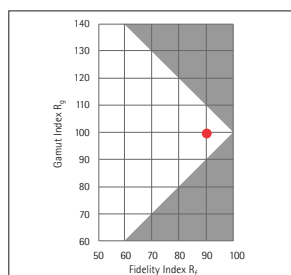
## ERCO LED 3500K

$R_f$	90
$R_g$	98
$R_a$ / CRI	92



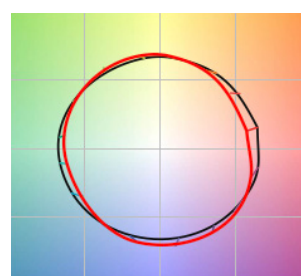
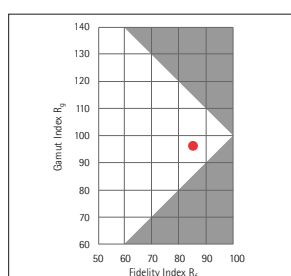
## ERCO LED 4000K

$R_f$	90
$R_g$	99
$R_a$ / CRI	92

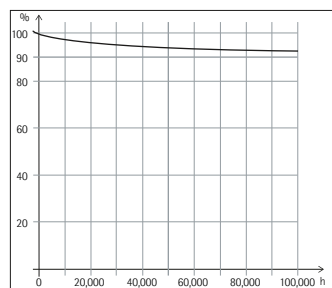


## ERCO LED 4000K

$R_f$	85
$R_g$	97
$R_a$ / CRI	82



# LEDs in ERCO luminaires



## Functional life

LEDs have a very low failure rate, meaning they produce light over an exceptionally long period of time. The failure rate of the High-power LEDs used by ERCO is on average less than 0.1% up to 50,000 hours. In contrast to conventional lamps, which have a failure rate of 50%, the term "functional life" therefore is not very useful for planning purposes.

## Lumen maintenance

As with other light sources, the luminous flux of LEDs decreases over time so that from a certain point the illuminance originally required is no longer achieved. The reliability and efficiency of LEDs depend largely on its operating conditions. ERCO luminaires therefore are thermally designed to remain below the critical temperature range when properly operated to ensure maximum luminous flux over a long life.

Since total failure of an LED is very rare, LEDs are more accurately defined by using the lumen maintenance factor over a specific period of time. As a blanket value it is common practice to indicate the time after which the luminous flux for a specific percentage of all LEDs has reduced to 70%, 80% or 90% of their original luminous flux. The standard specification of LEDs currently used in the market is L70/B50 50,000h, i.e. after 50,000 hours, only 50% of the LEDs used still achieve 70% of their original luminous flux.

## L and B values

The L value represents the percentage of original luminous flux that the LED continues to achieve after the specified number of operating hours.

By definition, the B value reveals nothing about the total failure of an LED. It indicates the percentage of LEDs that fall below the L value after the specified number of operating hours. If no B value is indicated, B50 should always be assumed.

## Operating duration

The reference point is always the operating time together with the L and B values.

## LEDs used by ERCO

### High-power LEDs

ERCO uses High-power LEDs with the specification L90/B10 50,000h, meaning 90% LEDs still achieve 90% of their original luminous flux in up to 50,000 hours. The residual 10% of the LEDs still have up to 89% of their original luminous flux with a failure rate rate of 0.1%. In accordance with manufacturer specifications the High-power LEDs used by ERCO have a specification of L90 up to 100,000 hours.

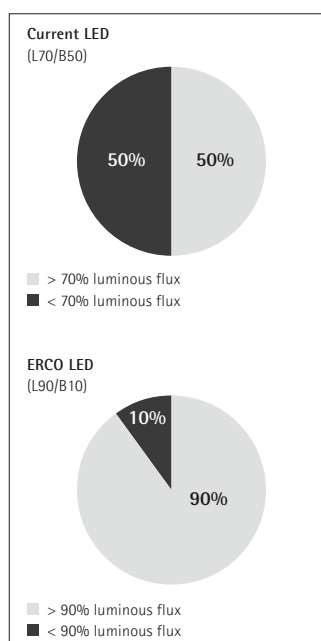
### Mid-power LEDs

The Mid-power LEDs used by ERCO are specified at up to 50,000h with L90/B50 and a failure rate of 0.1%.

### COB (Chip-on-board) LEDs

The COB LEDs used by ERCO are specified with L80/B50 at up to 50,000h.

Current information about the LEDs can be found on the data sheets of the respective articles.



Comparing the reduction in luminous flux of a standard LED with an ERCO high-power LED after 50,000 operating hours illustrates the superior efficiency of ERCO LEDs.



**27116.000** White (RAL9002)  
LED 6W 630lm 3000K warm white  
Switchable  
Version 5  
Zoom lens spot

## Forward voltage

Due to the manufacturing process, LEDs of the same type vary in terms of their forward voltage. This is the voltage drop across an LED, in other words, the volts it "consumes". Together with the constant operating current, forward voltage defines the power consumption of an LED luminaire using the simple formula of voltage (volt) x current (ampere) = power (watt). Therefore, if the

forward voltage of LEDs were to fluctuate, the energy requirement of the luminaires, though otherwise similar, would also vary. Consistent energy consumption across luminaires of the same design can only be guaranteed if the LEDs used in them are selected for their forward voltage. ERCO is one of the few luminaire manufacturers that specifies consistency in forward voltage as part of its selection criteria. The goal

is to give the user assurance that the energy requirement specified for the luminaires used relates to actual figures.

## Version

LEDs and control gear are continually advanced. In order to clearly identify which LEDs are used in a product, ERCO specifies a version number alongside the article number, which is found on each luminaire. This number applies to a luminaire range and bears no reference to the LED generation, i.e. luminaires from different product ranges may use the same LED generation despite the differ-

ence in version number. The version number is important for the user to know and must be stated particularly when reordering luminaires.

Within a given production year, ERCO always uses the latest generation of LEDs in all luminaires with a warm white or neutral white light colour.

## Photometric data from ERCO

### Light intensity distribution

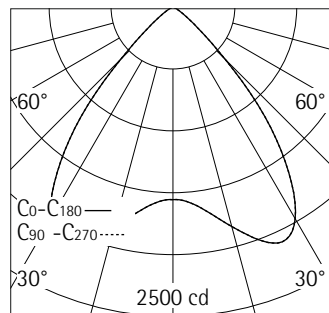
The spatial distribution of the lamp lumens results in a 3-dimensional body of light intensity distribution. A longitudinal or transverse section through this body results in a 2-dimensional light intensity distribution curve that indicates the light intensity of a luminaire for all angles of this plane.

Usually, this is displayed in a polar coordinate diagram from which the main direction of the beam is recognisable, e.g. direct or indirect emission. The unit of light intensity is Candela (cd).

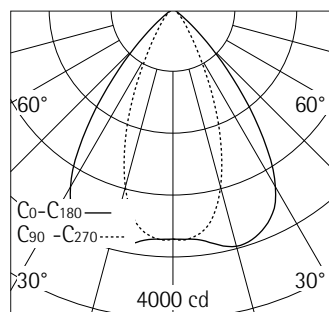
The maximum light intensity specified in ERCO light intensity distribution curves is always an absolute value for a luminaire. Conversion with the luminaire luminous flux is not required. The light intensity distribution curve allows lighting designers to determine the fundamental suitability of a luminaire for a specific task.

The illuminance at a specific angle to the luminaire is determined by dividing the light intensity of the luminaire in this direction by the square of the distance between the luminaire and target surface.

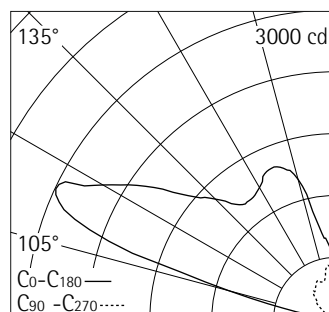
The light intensity distribution of rotationally symmetrical luminaires is characterised by one symmetrical curve.



Axially symmetrical light sources need two curves, displaying the two main planes  $C_0 - C_{180}$  and  $C_{90} - C_{270}$ .



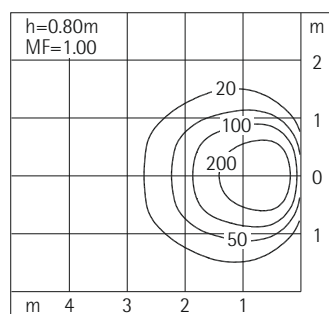
Asymmetrical distributions, mostly with ceiling washlights, are usually depicted in the primary curve  $C_0 - C_{180}$ .



### Isolux curves

represent the illuminance distribution in a defined situation. The illuminance values are shown without regard to any maintained values. The letter h refers to the distance between front lens and illuminated surface.

For wall-mounted luminaires used for floor washlighting this is the mounting height, and for ceiling washlights, the height between luminaire and ceiling.



### RGBW

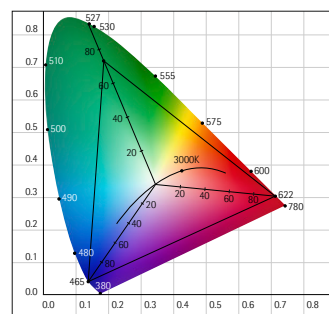
The "Primary colours of LED module" table for RGBW luminaires shows the colour parameters to define the luminaire's setting options via DALI. The parameters shown relate to the dominant wavelength  $\lambda$  and colour saturation S for each colour. The controllability of the parameters depends on the type of luminaire and the lighting control system used.

For RGBW luminaires the data specified relates to the maximum achievable values of the luminaire. The luminous flux of the individual colours is specified in the data sheets.

Up-to-date information is available at [www.erco.com/service/RGBW](http://www.erco.com/service/RGBW)

### Example of RGBW luminaire:

Primary colours of LED module			
Colour	$\Phi$ (lm)	$\lambda$ (nm)	S (%)
Red	300	620-640	99
Green	807	525-635	77
Blue	303	465-475	97
Warm white	840	-	-





ERCO planning data

Planning data for downlights

The "planning data" provided includes P\*, the "connected load per m² and 100lx" and n\*, the "number of luminaires per 100lx". In practice, these must be converted using the maintenance factors determined separately.

Wattage of the LED module	24W
Luminaire connected load	P: 27W
Connected load per 100lx	P*: 1.3W/m²
Number of luminaires per 100lx	n*: 4.94 1/100m²

"Guide values" are used to plan the approximate lighting requirement. These are small tables including the "number of luminaires per 100m²" and the "illuminance values for luminaire modules". In practice, the guide values must also be converted using the maintenance factors determined separately.

	Number of luminaires per 100m²			
	100lx	200lx	300lx	500lx
27W	5	10	15	25
	Illuminance (lx) for module (m)			
	1.2x1.8	1.8x1.8	1.8x2.4	2.4x2.4
27W	936	624	468	351

UGR glare evaluation

**Glare evaluation according to UGR**  
The UGR method – Unified Glare Rating according to CIE 117 – is used to evaluate and limit the psychological direct glare from luminaires. Contrary to the previous methods, where the glare was rated using the luminance values of a single luminaire, this method calculates the glare of the entire lighting installation at a defined observer position.

An exact calculation of the UGR value at a defined observer position in a room is possible with modern lighting design programs such as DIALux.

Planning data for spotlights, uplights and projectors

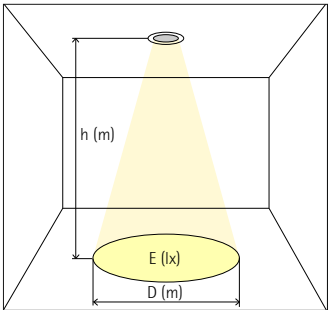
**Illuminance and light beam diameter**  
The tables usually shown next to the light intensity distribution comprise the illuminance values E (lx) and the light beam diameter D (m) resulting from the half peak value against the distance or height h (m). Illuminance values relate to the axial intensity.

Example of a rotationally symmetrical spotlight  
The illuminance values are given in increments of 1m.

h (m)	E (lx)	D (m)
		60°
1	1100	1.15
2	275	2.31
3	122	3.46
4	69	4.62
5	44	5.77

Example of an axially symmetrical projector  
Where illuminances are high, the values are given in increments of 2m.  
The first column of D (m) contains the beam angle of the plane C<sub>0</sub>-C<sub>180</sub>, the second column contains the values of the plane C<sub>90</sub>-C<sub>270</sub>.

h (m)	E (lx)	D (m)	
			9° 15°
2	8620	0.31	0.53
4	2155	0.63	1.05
6	958	0.94	1.58
8	539	1.26	2.11
10	345	1.57	2.63



Example of an uplight with indirect emission  
The table data for recessed floor luminaires shows the beam direction values, i.e. from bottom to top.

h (m)	E (lx)	D (m)
		17°
5	125	1.49
4	195	1.28
3	346	0.90
2	779	0.60
1	3117	0.30

# ERCO planning data

## Planning data for wallwashers

Tables with illuminance values of wallwashers are based on calculations with a reasonable offset from the wall and appropriate luminaire spacing, and help decide on the right wallwashers and their optimal positioning. Here too, the values must, in practice, be converted using the maintenance factors determined separately. The tables are based on a calculation with at least five luminaires without consideration of the indirect components and peripheral zones. To evaluate illuminance distribution we recommend consulting the detailed tables in the product data sheets. To consider the actual spatial situation such as room proportions and surface characteristics it makes

sense to carry out an individual project-related calculation using the photometric data. This applies in particular to the double wallwashers. All illuminance values are new values. In practice, these must be converted with the separately determined maintenance factors. With luminaires designed for wide axis distances the intersecting beams on the side walls should be checked in a calculation.

### Specifications in the catalogue:

Mean illuminances $E_n$ (wall)				
Specifications:				
Angle of tilt 35° (only with tiltable luminaires)				
Wall height (m)	3.00			
Offset from wall (m)	1.00	1.00	1.25	1.25
Luminaire spacing (m)	1.00	1.25	1.25	1.50
Illuminance $E_n$ (lx)	324	265	221	186

### Specifications in the product data sheet:

Angle of tilt 35° (only with tiltable luminaires)  
Wall height 3m

	Offset from wall (m)	1.00		1.25		1.25	
	Luminaire spacing (m)	1.00	1.25	1.25	1.50		
		Below luminaire	Between luminaires	Below luminaire	Between luminaires	Below luminaire	Between luminaires
0.25		384	366	318	283	239	227
0.50		386	386	320	303	252	247
0.75		363	356	298	289	247	241
1.00		351	334	285	269	229	225
1.25		336	327	281	261	225	213
1.50		336	330	277	263	215	212
1.75		331	329	274	263	214	209
2.00		314	318	259	254	216	212
2.25		288	289	233	233	210	211
2.50		256	248	208	211	201	204
2.75		218	212	182	181	187	190

## Correction table

To determine the illuminance, the maintenance factor must be taken into account along with the geometry of the room to be planned and its reflection capacity. To do so, the correction factor  $f$  is taken from the correction table. The correction table itself can be found on the product specification sheet. The correction table also provides the required factors to be applied for room data other than  $k = 2.5$  (approx. 100m<sup>2</sup>) and reflectances other than 0.7/0.5/0.2.

Correction table					
Ceiling	0.7	0.7	0.7	0.5	0
Wall	0.7	0.5	0.2	0.2	0
Floor	0.5	0.2	0.2	0.1	0
k0.6	90	73	67	66	64
k1.0	106	85	79	77	74
k1.5	118	94	89	86	83
k2.5	128	100	96	91	88
k3.0	131	102	99	93	90

## ERCO planning data

### Maintained value of illuminance

On publication of DIN EN 12464-1, the luminous intensities it recommends are "maintained values of illuminance". These must not at any time be lower than indicated. The new value for the illuminance of an installation is calculated from the maintained value of illuminance and the maintenance factor.

$E_n$  New value of a lighting installation  
 $E_m$  Maintained value of illuminance  
 MF Maintenance Factor  
 $E_n = E_m / MF$   
 New value = Maintained value / Maintenance Factor

According to DIN EN 12464-1, one of the components required in lighting design is a maintenance plan specifying the cleaning frequency of the luminaires and the room and the lamp replacement.

The maintenance factor is calculated on the basis of separate tables or in computer calculations such as DIALux.  
 The maintenance factor is calculated using the following formula:

The photometric planning data from ERCO is published on the basis of the "new value of illuminance". The maintained value of illuminance can be determined by way of a maintenance factor.

$$MF = LMF \cdot RSMF \cdot LLMF \cdot LSF$$

### LMF Luminaire Maintenance Factor

The luminaire maintenance factor LMF takes into account the reduction of luminous flux due to the soiling of the luminaire. It signifies the ratio of a luminaire's light output ratios before and after cleaning. The LMF depends on the version of the luminaire and the related possibility of soiling. The LMF classifica-

tion is indicated next to the product. The LMF values ensue from the attached tables.  
 At this point, the optimal cleaning frequency must be defined for the maintenance plan.

**Classification of Environmental Conditions**  
 P (very clean room) pure  
 C (clean room) clean  
 N (average conditions) normal  
 D (dirty room) dirty

Classification  
Definition

Examples from the ERCO product families

Classification D:  
Closed reflectors

Spotlights and wallwashers with lenses, recessed luminaires and surface-mounted and pendant luminaires with cover glass, e.g. Quintessence.

Classification E:  
Dustproof luminaires

The following are considered closed due to their design:  
 All LED luminaires with dust-tight tertiary lenses – these are all LED luminaires for track mounting and certain recessed ceiling luminaires, such as Light Board.

All luminaires with protection mode IP6x.

Classification F:  
Luminaires with indirect emission

Wall-mounted luminaires, e.g. Trion Uplight.  
 Light structures, e.g. Hi-trac, indirect emission.

### Cleaning frequency (a)

Environmental conditions  
 D Closed reflectors  
 E Dustproof luminaires  
 F Luminaires, indirect emission

1					2					3				
P	C	N	D		P	C	N	D		P	C	N	D	
0.94	0.88	0.82	0.77		0.91	0.83	0.77	0.71		0.89	0.79	0.73	0.65	
0.96	0.94	0.90	0.86		0.93	0.91	0.86	0.81		0.92	0.90	0.84	0.79	
0.93	0.86	0.81	0.74		0.88	0.77	0.66	0.57		0.85	0.70	0.55	0.45	

The classification of ERCO LED luminaires in D, E or F classes is found in the product data sheets.

## ERCO planning data

### RSMF

Room Surface Maintenance Factor

The room surface maintenance factor RSMF takes into account the reduction of luminous flux due to the soiling of the room surfaces. It signifies the ratio of the room surface reflectances before and after cleaning. The RSMF depends on the degree of soiling of the room or the ambient conditions of a room and the specified cleaning frequency. Further influencing factors are the size of the room and the type of lighting (direct to indirect emission).

With direct distribution lighting a differentiation can be made between general and accent lighting. Reflection only plays a subordinate role with accent lighting and can be neglected. The table also provides 4 classifications for room soiling:

### Classification of Environmental Conditions

P (very clean room) pure  
C (clean room) clean  
N (average conditions) normal  
D (dirty room) dirty

#### Cleaning frequency (a)

Environmental conditions

Direct general lighting

Direct accent lighting

Direct/indirect

Indirect

1					2					3				
P	C	N	D		P	C	N	D		P	C	N	D	
0.97	0.95	0.91	0.86		0.97	0.94	0.90	0.86		0.97	0.94	0.90	0.86	
0.99	0.97	0.95	0.92		0.98	0.97	0.95	0.92		0.98	0.97	0.95	0.92	
0.94	0.89	0.80	0.69		0.93	0.88	0.79	0.69		0.93	0.88	0.79	0.69	
0.91	0.83	0.68	0.51		0.90	0.81	0.67	0.50		0.90	0.81	0.67	0.50	

### LLMF

Lamp Lumen Maintenance Factor

The lamp luminous flux maintenance factor LLMF takes into account the reduction in luminous flux as a result of ageing of the lamp. It signifies the ratio of the lamp lumens at a specific time and the new value. The degradation of an LED strongly depends on the ambient temperature within which it is operated; the

specified values apply at a luminaire ambient temperature of 25°C.

#### Operating duration (h)

High-power LED

L90 (manufacturer specification)

L90/B10

Mid-power LED (L90)

COB-LED (L80)

LED (L70)

1000	10000	20000	30000	40000	50000	100000
1	0.99	0.98	0.96	0.94	0.92	0.90
1	0.98	0.96	0.94	0.92	0.90	
1	0.98	0.96	0.94	0.92	0.90	
1	0.95	0.92	0.88	0.84	0.81	
1	0.94	0.88	0.82	0.76	0.70	

### LSF

Lamp Survival Factor

The lamp survival factor LSF takes into account the variation of the life of individual lamps from the mean life of the lamps. The LSF depends on the service life of the lamp. If defective lamps are replaced immediately, the lamp survival factor applied is LSF = 1.

### Calculation example for a period of 20,000 operating hours:

A spotlight with classification E is used in a very clean room with annual cleaning:

$$MF = LMF \cdot RSMF \cdot LLMF \cdot LSF$$

$$MF = 0.96 \cdot 0.99 \cdot 0.98 \cdot 1$$

$$MF = 0.93$$



ERCO planning data

Planning example

Abbreviations:

$E_m$ (lx)	Maintained value of illuminance
$E_n$ (lx)	Illuminance taken from the Guide values table
n	Number of luminaires
P (W)	Connected load of one luminaire incl. control gear
$P^*$ (W/m <sup>2</sup> )	Connected load per 100lx
$n^*$ (1/100m <sup>2</sup> )	Number of luminaires per 100lx
f	Factor taken from the correction table, depending on reflectances and room index k
k	Room index
a (m)	Length of room
b (m)	Width of room
h (m)	Luminaire height above working plane

Requirements:

The guide values  $E$  (lx),  $P^*$  (W/m<sup>2</sup>) and  $n^*$  (1/100m<sup>2</sup>) have been calculated for a room  $k=2.5$ , working plane 0.75m and reflectances of ceilings = 0.7, walls = 0.5 and floors = 0.2. They include the light loss factor of 1.0. They are valid for a regular module and in practice they also apply to asymmetrical modules.

For room conditions other than 0.7/0.5/0.2 and  $k = 2.5$  the appropriate correction factor  $f$  is to be applied.  
For other lamp lumens and connected loads the values are to be converted proportionally.

Room data:	H =	2.90m
	a =	12.00m
	b =	14.00m
	h =	2.15m

Room index:

$$k = \frac{a \cdot b}{h (a + b)}$$

$k = 3.0$

Reflectances:	$\phi_D$ Ceiling =	0.5
	$\phi_W$ Walls =	0.2
	$\phi_B$ Floor =	0.1

Correction table					
Ceiling	0.7	0.7	0.7	0.5	0
Wall	0.7	0.5	0.2	0.2	0
Floor	0.5	0.2	0.2	0.1	0
k 0.6	77	58	49	49	45
k 1.0	100	77	69	67	63
k 1.5	116	91	84	80	70
k 2.5	129	100	95	90	86
k 3.0	133	103	99	93	89

Correction factor  $f = 93\%$

## General Information

This catalogue supersedes all previous issues. We reserve the right to make technical and design changes to improve our products or to meet modified statutory requirements. Current data will be supplied on request.

All ERCO product documentation can be found at [www.erco.com](http://www.erco.com).

Many products are protected by industrial patent rights.

LED modules are part of the luminaire.

Voltages given in this catalogue refer to a mains frequency of 50/60Hz.













Installation in accordance with the respective national installation regulations.


The standard finish of our products is specified in the product description. The following colours can also be supplied: white RAL 9002, white RAL 9010, silver RAL 9006 and black RAL 9011. Other colours on request.


ERCO luminaires are designed, manufactured and tested in accordance with the applicable standards and technical regulations. The technical tests are implemented at 25°C ambient temperature.

The luminous flux values and photometric data also relate to a 25°C ambient temperature. At other temperatures, deviations from the catalogue data are possible.

### Symbols and abbreviations


-  Luminaires and accessories bearing this sign meet the requirements of the LUM agreement.
-  DEKRA test mark
-  VDE test mark
-  SEMKO test mark
-  UL test mark
-  NEMKO testing laboratory
-  China Compulsory Product Certification, Safety & EMC
-  Regulatory Compliance Mark, Australian test mark
-  Eurasian Conformity  
All articles which are delivered to Russia (to the Russian Federation) and must be certified for this are EAC approved/certified and verified.
-  Luminaires with safety class I are provided with a connection for the protective conductor (PE) and are not specially marked.
-  Class II luminaires
-  Class III luminaires
- IP20 All luminaires meet the requirements of protection mode IP20 and are not marked. Other protection modes are specified for each product.
- IP44 Protected against the ingress of solid foreign objects greater than 1mm. Protected against splashing water from any direction.
- IP65 Dust-tight. Protected against strong jets of water from any direction.
- IP67 Dust-tight. Protected against the results of temporary immersion.
- IP68 Dust-tight. Protection against the effects of permanent immersion to a depth of max. xm (x depends on the luminaire).

 All luminaires comply with the F-conditions according to EN 60598 and are suitable for mounting on or in normally flammable mounting surfaces (building components).

 Luminaires which are not suitable for covering with heat insulation material.

SELV Safety extra-low voltage according to EN 60558-2-6

FCC Federal Communications Commission

 All products comply with the appropriate EU directives, e.g. the low voltage directive, the EMC (electromagnetic compatibility) directive and RoHS (restriction of the use of certain hazardous substances).

EEL Energy Efficiency Index  
The Energy Efficiency Index of the LEDs used in our luminaires is shown in the data sheet of the luminaire.

CCR Constant Current Reduction Dimming method by which the amplitude of the current is changed by the LED according to the dimming value. Unlike PWM, the current value is constant in time.

PWM Pulse Width Modulation  
In this dimming method, the current sent through an LED is switched on and off at a high frequency. Dimming is implemented by changing the ratio between switch-on and switch-off time.

L = Length  
TL = Total length  
B = Width  
H = Height  
T = Depth  
D = Light beam diameter  
CO = Ceiling aperture  
RD = Recess depth  
Ø = Diameter  
□ = Square  
max. = Maximum  
kg = Approximate weight

All dimensions are in millimetres.



#### DIN EN ISO 9001:2015

The ERCO Quality Management System has been organised in accordance with DIN EN ISO 9001:2015. The certified system includes: design/development, production, assembly, sales and service. ERCO sales organisations worldwide are always included in the management system and are regularly audited by ERCO auditors.



#### DE AEOF 102810

ERCO GmbH was awarded the AEOF (Authorised Economic Operator Full) certificate on 27/8/2010. This certification confirms ERCO GmbH to be a particularly reliable and trustworthy partner in international trade. It governs the safety and efficiency of the supply chain through to the consumer.



The guarantee terms pertaining to the voluntary manufacturer's guarantee of 5 (five) years given by ERCO GmbH on ERCO products shall apply in addition to our General Terms and Conditions. Full details of these current guarantee terms are available on request by e-mailing [guarantee@erco.com](mailto:guarantee@erco.com)

## General Information



### Information about LEDs

Due to the production process of LEDs, the specified typical LED parameters show statistical values only. Deviations are possible within the typical size range of LEDs and are within the usual industrial tolerances. The service life of an LED largely depends on the ambient temperatures. Therefore, the luminaires should not be installed near other sources of heat such as heating pipes, etc. Furthermore, these luminaires should not be operated when exposed to direct sunlight. Current information about the LEDs can be found on the specification sheets of the respective articles.



### Phase dimmable luminaires

LED luminaires can be dimmed depending on the type of control gear. Phase dimmable luminaires may only be used with suitable dimmers. Installation information in the mounting instructions of the luminaire and those of the dimmer manufacturer must be observed.

The dimming range specified in the product description is determined with regard to current dimmers. The actual dimming range available may vary from the product description, depending on the dimmer used and the load situation.



### DALI (Digital Addressable Lighting Interface)

DALI luminaires are activated by any DALI lighting control system. A control unit (e.g. dimmer) with DALI Broadcast Signal may be used for specific purposes. All electrics must be installed as specified in the DALI standard. ERCO DALI control gear is compatible with the DALI 2.0 standard. General information on DALI is available at [www.digitalilluminationinterface.org](http://www.digitalilluminationinterface.org).

### RGBW luminaires

With use of a DALI system with colour management (device type 8) the luminaire is controlled with one address.

With operation in a system without colour management the luminaire can be reconfigured to three or four addresses.

### Luminaires with tunable white

The tunable white component of a luminaire can only be controlled with a DALI system with colour management (device type 8). These systems detect the luminaire with one address. Alternatively, spotlights and recessed luminaires with tunable white can also be controlled via Casambi Bluetooth; individual product ranges can also be controlled via Zigbee 3.0.



### Luminaires with Casambi Bluetooth

To control luminaires with Casambi Bluetooth, a mobile device with the free Casambi app or hardware approved for Casambi Bluetooth is required. The range of the Casambi mesh network can be affected by structural conditions.



### Overvoltage protection for electronic control gear

If protection from spikes is required, e.g. when switching inductive loads, ERCO recommends the use of separate overvoltage protection units.

### Electronic control gear in 3-circuit installation

To avoid damaging the electronic control gear, the neutral conductor of control gear in 3-circuit installations must never be disconnected.

To ensure proper functioning of the dimmer, especially when using universal dimmers, check the luminaire/control gear/dimmer combination before installation.

**Information on environmental protection and luminaire disposal**  
ERCO products are manufactured in compliance with the REACH regulation and the RoHS directive.

### WEEE

The WEEE (Waste Electrical and Electronic Equipment) directive of the EU for electric and electronic devices regulates the free return and environmentally friendly disposal and recycling of old and used electrical equipment by manufacturers and importers. The Directive aims to reduce the amount of electrical and electronic waste and encourage everyone to recycle the equipment.



### Disposing of luminaires

ERCO has met the requirements of the WEEE Directive since March 2006 in that it has clearly marked all its products with the symbol of the crossed-out bin. These products may be returned free of charge. Alternatively, at the end of their service life, luminaires may be disposed of at appropriate local facilities provided for the disposal or recycling of electronic equipment.

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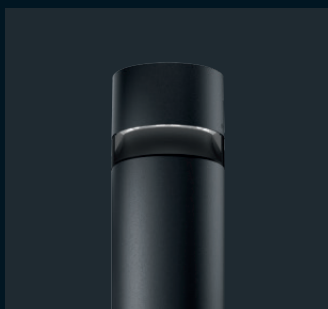
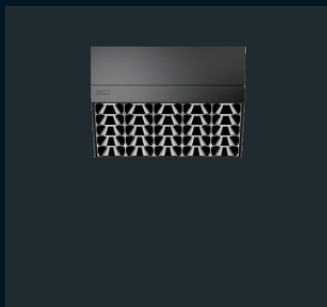
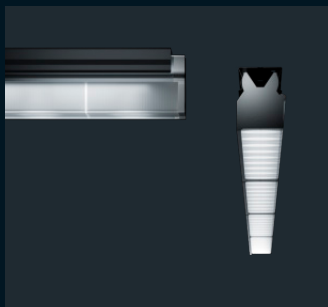
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