



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

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 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.

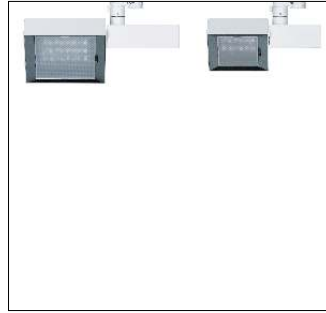


Design and application:
www.erco.com/opton

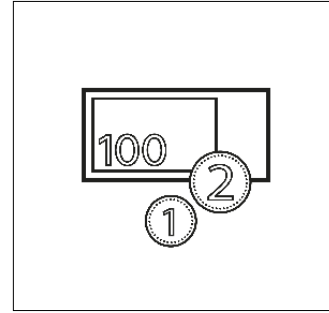
Opton for track 220-240V



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


 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


 Pivotal through 90°

 Accessory for maximum visual comfort

 Switchable

 Phase dimmable + On-board Dim

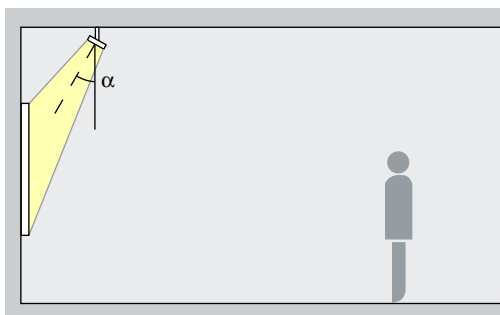
 DALI dimmable

 Casambi Bluetooth

Opton for track 220-240V – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood



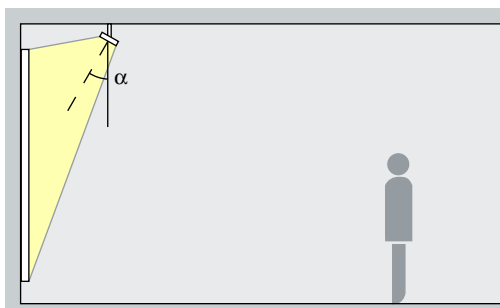
Accentuation

Opton spotlights accentuate art-work, products and architectural details effectively. The ideal angle of tilt (α) for this is around 30° . The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Floodlights

Wide flood, Extra wide flood, Oval flood



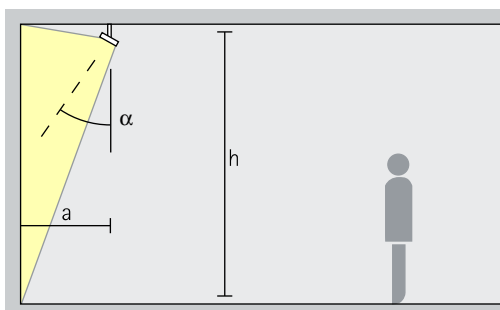
Washlighting

The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30° .

Arrangement: $\alpha = 30^\circ$

Lens wallwashers

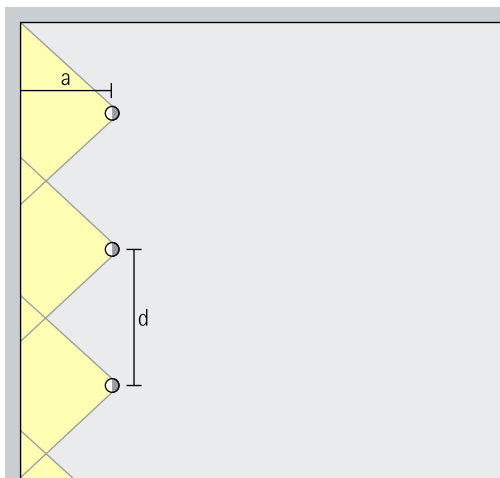
Wallwash



Wallwashing

For uniform vertical illuminance, the distance (a) of Opton lens wallwashers from the wall should be around one third of the room height (h). This results in an angle of tilt (α) of approx. 35° .

Arrangement: $a = 1/3 \times h$ or $\alpha = 35^\circ$



For good longitudinal uniformity, the spacing (d) of Opton lens wallwashers may be up to 1.2 times the offset from the wall (a).

Arrangement: $d \leq 1.2 \times a$

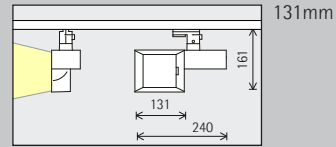
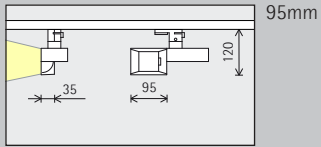
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

LOWA office
and showroom,
Jetzendorf.
Interior design:
Atelier Seitz, Nie-
derneuching.
Lighting design:
Atelier Seitz, Nie-
derneuching.
Photography:
David Schreyer.



Opton for track 220-240V

Construction size



LED module Maximum value at 4000K CRI 82

6.1W/786lm	2W/262lm (Narrow spot)
9.3W/1107lm	3.1W/369lm (Narrow spot)

12.1W/1572lm	8.1W/1048lm (Narrow spot)
18.6W/2213lm	12.4W/1476lm (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	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

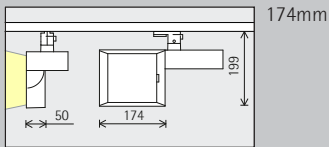
Colour (housing)

	White		Silver
	Black		10,000 colours *







	White		Silver
	Black		10,000 colours *







Accessories

	Lenses
	Snoots







24.3W/3144lm	18.2W/2358lm (Narrow spot)
37.3W/4427lm	28W/3320lm (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/012238

Design and application:
www.erco.com/opton





Zaha Hadid Architects, London.
Architecture: Zaha Hadid Architects, London. Photography: Gavriil Papadiotis.