



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

4 Housing

- White (RAL9002) or black
- 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.



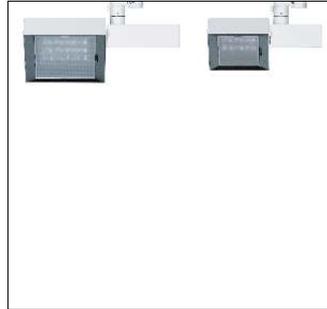
Design and application:
www.erco.com/opton

Opton for track 220-240V



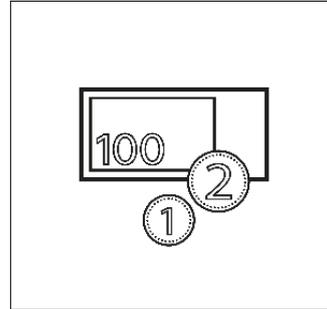
Large lumen packages for very high illuminances

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



Pivotable through 90°



Accessory for maximum visual comfort



Switchable



Phase dimmable + On-board Dim



DALI dimmable

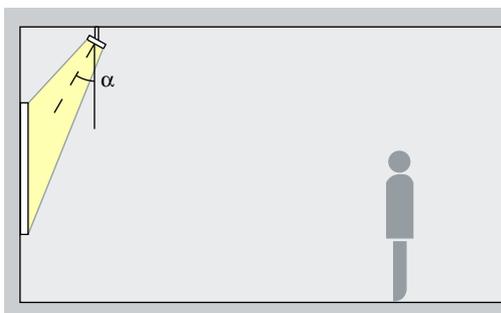


Casambi Bluetooth

Opton for track 220-240V – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood

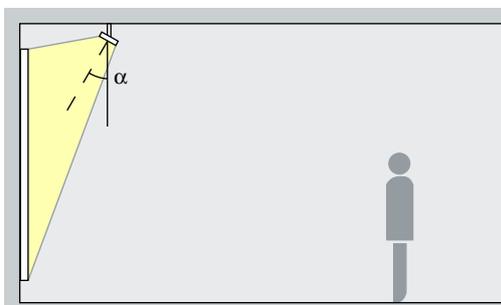


Opton spotlights accentuate artwork, products and architectural details effectively. The ideal angle of tilt (α) for this is around 30° . The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Floodlights

Wide flood, Extra wide flood, Oval flood

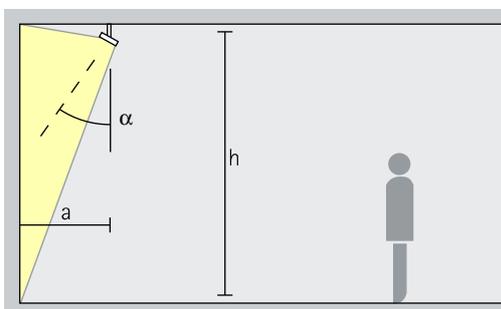


The ideal angle of tilt (α) for floodlighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30° .

Arrangement: $\alpha = 30^\circ$

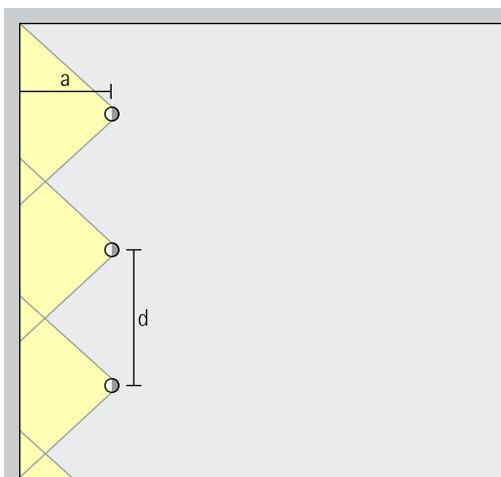
Lens wallwashers

Wallwash



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: $d \leq 1.2 \times a$

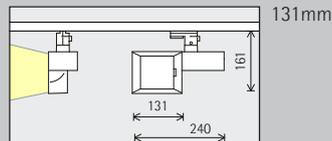
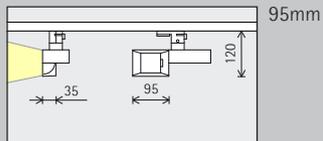
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

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: Hilite. Lima. Photography: Edgar Zippel, Berlin.



Opton for track 220-240V

Construction size



LED module Maximum value at 4000K CRI 92

9.3W/1213lm	3.1W/404lm (Narrow spot)
-------------	--------------------------

18.6W/2426lm	12.4W/1618lm (Narrow spot)
--------------	----------------------------

Light colour

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

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

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

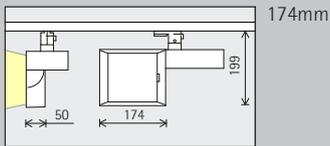
Colour (housing)

White	10,000 colours *
Black	

White	10,000 colours *
Black	

Accessories

	Lenses
	Snoots



37.3W/4853lm	28W/3640lm (Narrow spot)
--------------	--------------------------

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

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		10,000 colours *
	Black		

* available on request

www.erco.com/opton





Jadecross, Sydney.
Lighting design:
Jadecross, Sydney
Photography:
Jackie Chan,
Sydney.