



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 aluminum 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 compro-

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

Opton for 2-circuit 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 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 aluminum, powder-coated
- 0°-90° tilt
- Frame: polymer, black

4 Housing

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

5 Control gear

- Trailing edge dimmable+On-board Dim
- Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

6 ERCO turning adapter for 2-circuit track

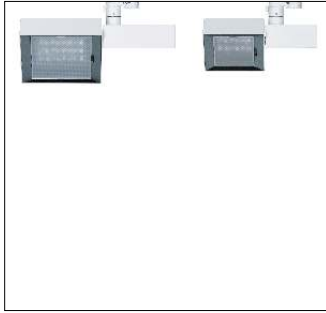
Variants on request

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



Design and application:
www.erco.com/opton

Option for 2-circuit track



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



Small luminaire dimensions



Very good price performance ratio



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colors



Excellent thermal management



EMC-optimized



Various housing colors



Various construction sizes



Pivotable through 90°



Accessory for maximum visual comfort

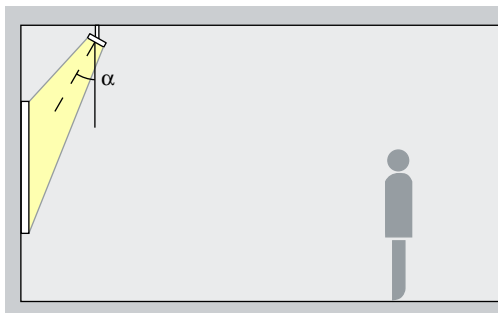


Trailing edge dimmable + On-board Dim

Opton for 2-circuit track – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood

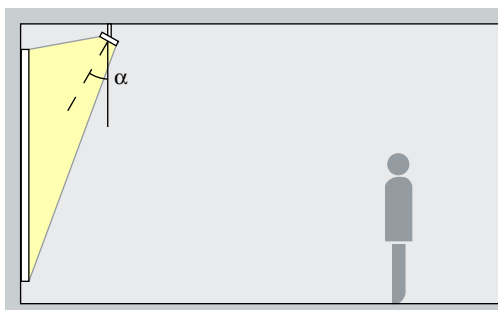


Opton spotlights accentuate artwork, products and architectural details effectively. The ideal angle of tilt (α) for this is around 30° . The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Floodlights

Wide flood, Extra wide flood, Oval flood

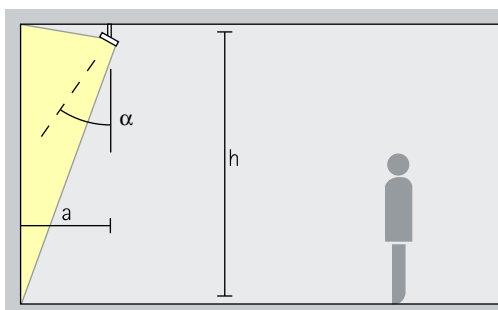


The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30° .

Arrangement: $\alpha = 30^\circ$

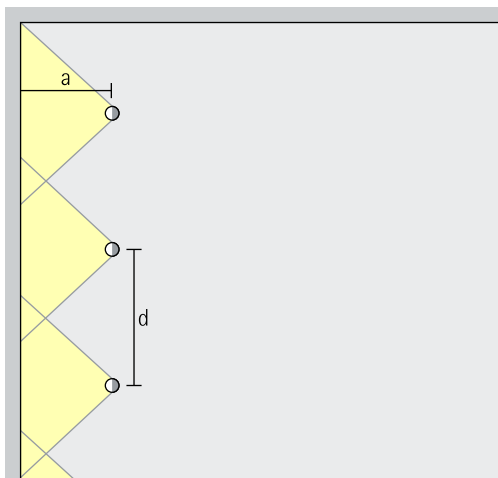
Lens wallwashers

Wallwash



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: $d \leq 1.2 \times a$

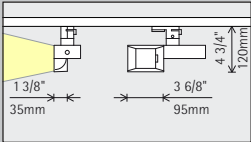
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

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 2-circuit track

Construction size



3 6/8"

LED module
Maximum value
at 4000K CRI 92

6.1W/862lm	2W/287lm (Narrow spot)
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Light color

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

Light
distribution

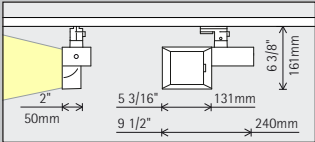
Spotlights	Floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Lens wallwashers	
 Wallwash	

Control



Color (housing)

	White		10,000 colors *
	Black		



5 3/16"

12.1W/1723lm	8.1W/1149lm (Narrow spot)
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	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 92
	3000K CRI 97		

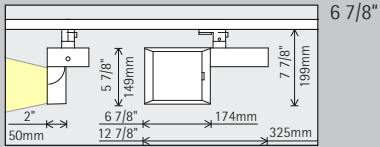
Spotlights	Floodlights
 Narrow spot	 Wide flood
 Spot	 Extra wide flood
 Flood	 Oval flood
Lens wallwashers	
 Wallwash	



	White		10,000 colors *
	Black		

Accessories

	Lenses
	Snoots



24.3W/3446lm	18.2W/2585lm (Narrow spot)
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	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	

	Trailing edge dimmable + On-board Dim
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	White		10,000 colors *
	Black		

* available on request

www.erco.com/opton





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