



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-

missing 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), black or silver
- Cast aluminum, powder-coated
- 0°-90° tilt
- Frame: polymer, black

4 Housing

- White (RAL9002), black or silver
- 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

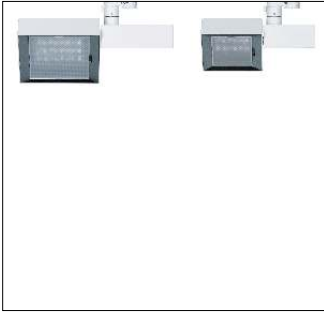
Variants on request

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



Design and application:
www.erco.com/opton


Opton 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



Pivotal through 90°



Accessory for maximum visual comfort

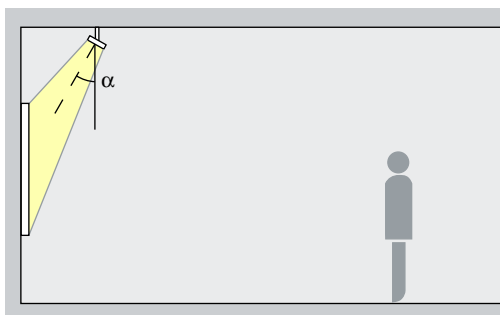


Trailing edge dimmable + On-board Dim

Opton for 2-circuit track – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood



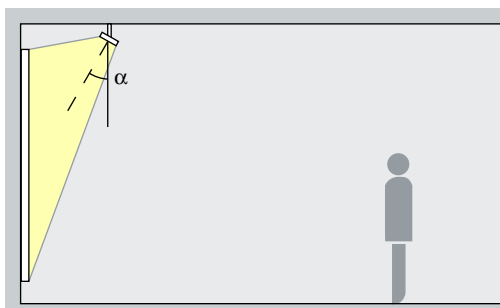
Accentuation

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



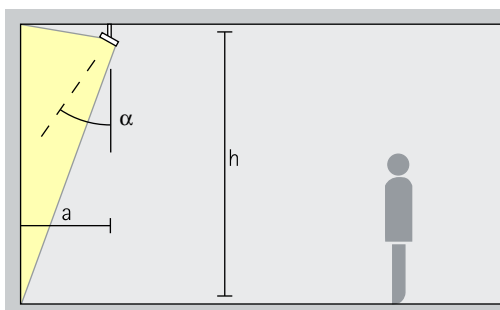
Washlighting

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

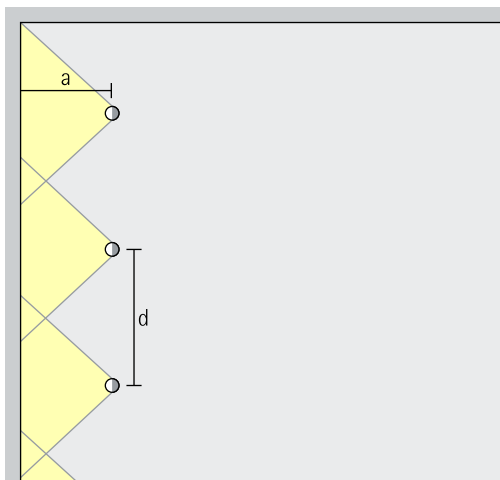
Wallwash



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: $d \leq 1.2 \times a$

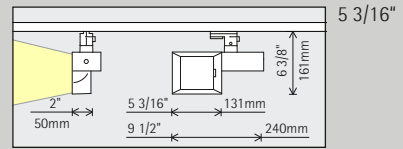
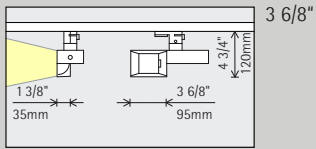
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

Alisan Fine Arts,
Hong Kong. Archi-
tecture: interior
design - X Act
Limited, Hong
Kong. Photogra-
phy: Jackie Chan,
Sydney.



Opton for 2-circuit track

Construction size



LED module Maximum value at 4000K CRI 82

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

12W/1650lm	8W/1100lm (Narrow spot)
------------	-------------------------

Light color

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

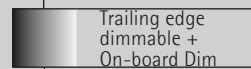
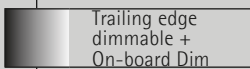
	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 82
	3000K CRI 97		4000K CRI 92

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



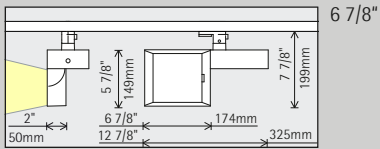
Color (housing)

	White		Silver
	Black		10,000 colors *







	White		Silver
	Black		10,000 colors *








Accessories


	Lenses
	Snoots







24W/3300lm	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	

	Trailing edge dimmable + On-board Dim
---	---------------------------------------

	White		Silver
	Black		10,000 colors *

* available on request

Article numbers and planning data:
www.erco.com/012238-us

Design and application:
www.erco.com/opton



