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

ERCO

Technical region:
We reserve the right to make technical and design changes.
Edition: 24.02.2026

Current version under
www.erco.com/opton

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

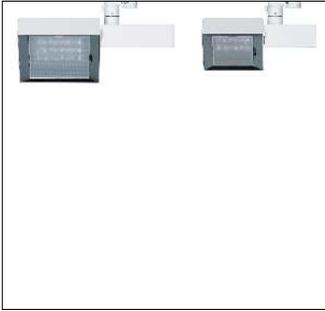**6 ERCO turning adapter for 2-circuit track**

Variants on request
– Housing: 10,000 further colors
Please contact your ERCO consultant.

Design and application:
www.erco.com/opton

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	ERCO high-power LEDs	Excellent thermal management	Trailing edge dimmable + On-board Dim
Very good price performance ratio	Efficient Spherolit technology	EMC-optimized	
	Different light distributions	Various housing colors	
	Different light colors	Various construction sizes	
		Pivotable through 90°	
		Accessory for maximum visual comfort	

Opton for 2-circuit track – Luminaire arrangement

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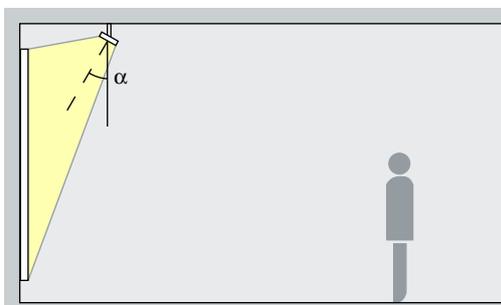Narrow spot, Spot, Flood
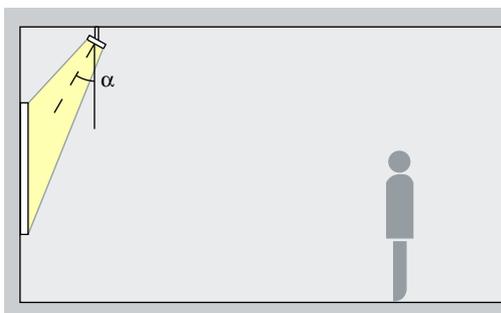
Opton spotlights accentuate artwork, products and architectural details effectively. The ideal angle of tilt (α) for this is around 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30°$
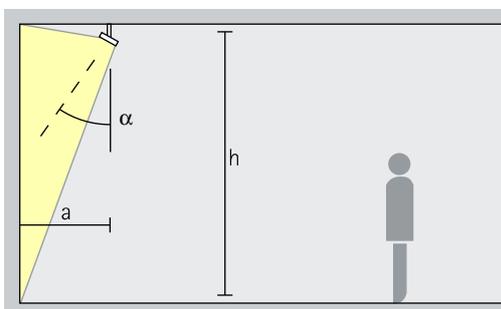
Floodlights
Wide flood, Extra wide flood, Oval flood

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°.
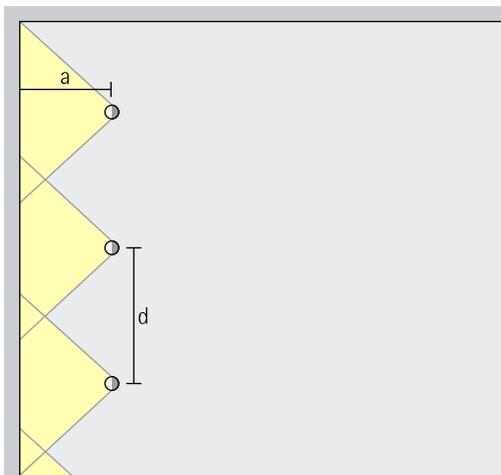
Arrangement: $\alpha = 30°$

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 x h or
$\alpha = 35°$

For good longitudinal uniformity, the spacing (d) of Opton lens wall-washers may be up to 1.2 times the offset from the wall (a).
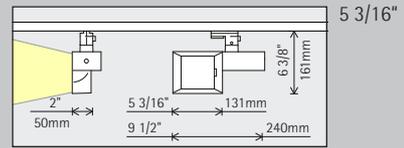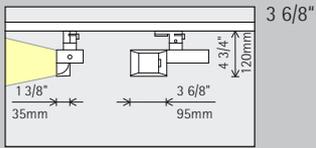
Arrangement: d ≤ 1.2 x a

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

4

MALI Museo de
Arte de Lima,
Lima. Architecture:
Antonio Leonardi
(1872), José Gar-
cía Bryce and
Héctor Velarde
(1956). Exhibi-
tion architecture:
Departamento de
Museografía and
Curaduría MALI.
Lighting design:
Hilite. Lima. Pho-
tography: Edgar
Zippel, Berlin.

Opton for 2-circuit track

Construction size

3 6/8"

1 3/8" / 35mm · 3 6/8" / 95mm · 4 3/4" / 120mm

5 3/16"

2" / 50mm · 5 3/16" / 131mm · 9 1/2" / 240mm · 6 3/8" / 161mm

LED module
Maximum value at 4000K CRI 92

6,1W/862lm	2W/287lm (Narrow spot)

12.1W/1723lm	8.1W/1149lm (Narrow spot)

Light color

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
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Lens wallwashers			
	Wallwash		

Control

Trailing edge dimmable + On-board Dim

Trailing edge dimmable + On-board Dim
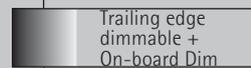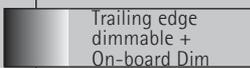
Color (housing)

White	10,000 colors *
Black	

White	10,000 colors *
Black	

Accessories

Lenses
Snoots

6 7/8"

5 7/8" / 149mm
7 7/8" / 199mm
2" / 50mm
6 7/8" / 174mm
12 7/8" / 325mm

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

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

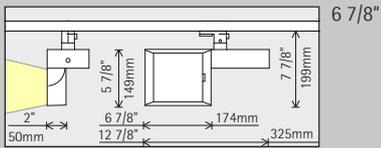| Spotlights	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Lens wallwashers	
Wallwash	

Trailing edge dimmable + On-board Dim

White	10,000 colors *
Black	

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