



## 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.



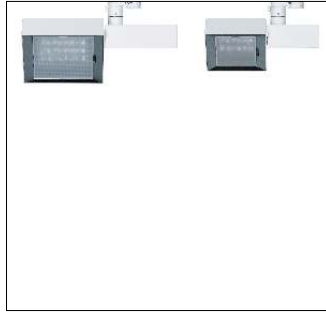
Design and application:  
[www.erco.com/opton](http://www.erco.com/opton)

# 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

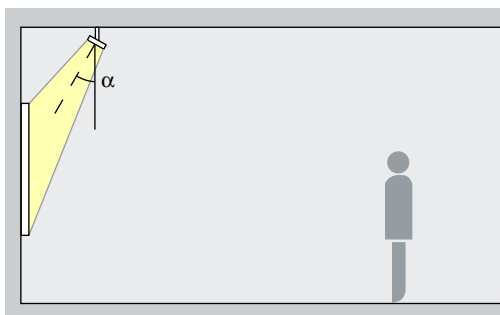


Casambi Bluetooth

# Opton for track 220-240V – Luminaire arrangement

## Spotlights

Narrow spot, Spot, Flood



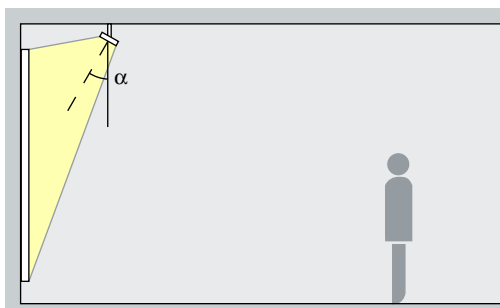
## Accentuation

Opton spotlights accentuate artwork, products and architectural details effectively. The ideal angle of tilt ( $\alpha$ ) for this is around  $30^\circ$ . 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



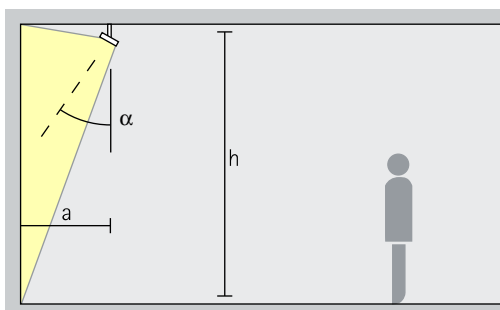
## Washlighting

The ideal angle of tilt ( $\alpha$ ) for floodlighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around  $30^\circ$ .

Arrangement:  $\alpha = 30^\circ$

## Lens wallwashers

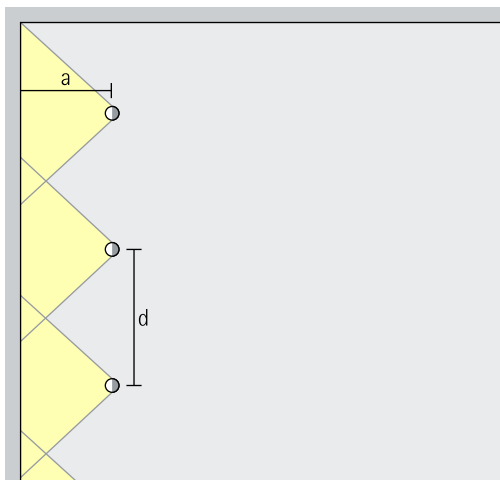
Wallwash



## 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 ( $\alpha$ ) of approx.  $35^\circ$ .

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:  $d \leq 1.2 \times a$

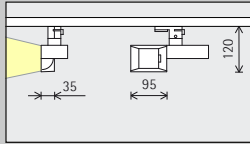
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

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.

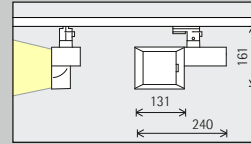


# Opton for track 220-240V

Construction size 95mm



Construction size 131mm



LED module  
Maximum value at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
10W/1230lm	3W/410lm (Narrow spot)

12W/1650lm	8W/1100lm (Narrow spot)
19W/2460lm	13W/1640lm (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	

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Control

Switchable	DALI
Phase dimmable + On-board Dim	Casambi Bluetooth

Switchable	DALI
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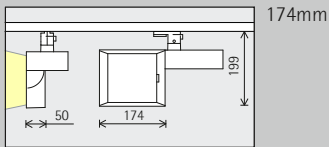
Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

Accessories

	Lenses
	Snoots



24W/3300lm	18W/2475lm (Narrow spot)
38W/4920lm	28W/3690lm (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
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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](http://www.erco.com/012238)

Design and application:  
[www.erco.com/opton](http://www.erco.com/opton)



