



Eclipse OnTrack – The art of illuminating

One spotlight system and 28,000 possibilities: with interchangeable darklight lenses and reliable transadapters

Eclipse offers high-end technology, maximum visual comfort and a system scope for all applications – for example in museums and galleries but also for exclusive retail projects. Interchangeable lens units define the light distributions – also as zoom spotlights and contour spotlights. With only one light point and an almost invisible beam path, the new Darklight lenses create a magical appearance. Refine with accessories: conversion filters cre-

ate additional spectra and tunable white and RGBW are available for dynamic scenes. With three sizes and the transadapter, Eclipse fits ideally into existing installations. The connectivity is equally well thought-out: for example with DALI or on-board Dim.



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 lenses

- Made of optical polymer
- Darklight lenses: narrow spot, spot, flood, wide flood or extra wide flood
- Spherolit lenses: oval flood, oval wide flood or wallwash
- Zoom lenses: zoom spot or zoom oval; continuously focusable
- Projection lenses: narrow framing or wide framing; continuously focusable

2 Lens unit

- Rotatable through 360°
- Polymer, white or black
- Contour spotlights with framing attachment

3 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

4 Housing and bracket

- White (RAL9002), black or silver
- Die cast zinc or cast aluminium, powder-coated
- Pivotal 0°-270°
- Bracket: cast aluminium/polymer; rotatable through 360° on adapter

5 Control gear

- 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 transadapter or ERCO DALI transadapter

Variants on request

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



Design and application:
www.erco.com/eclipse-t

Eclipse OnTrack for track 220-240V



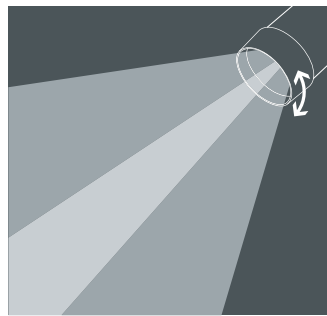
Darklight lens

The Darklight lens not only creates a magical impression with just one light point. It also features precise, uniform light distributions, wide flexibility in the selection of beam characteristics and state of the art efficiency.



Contour spotlights

Framing attachments enable a sharply defined light beam. In this way fascinating effects can be created with contour spotlights, where crisply illuminated pictures appear to illuminate from within.



Zoom spotlights

The light beam diameter can be infinitely adjusted from spot (15°) to wide flood (65°) by simply turning the lens. Zoom spotlights are particularly suitable for illuminating areas with changing exhibits and merchandise.

Special characteristics



Efficient darklight technology



Contour spotlight



Zoom spotlight



ERCO high-power LEDs



Optical cut-off 40°/50°/60°



Different light distributions



Oval flood, freely rotatable



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Pivotable through 270°



Accessory for maximum visual comfort



Phase dimmable + On-board Dim



DALI dimmable

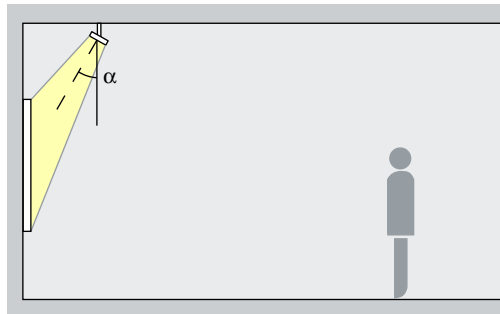


Casambi Bluetooth

Eclipse OnTrack for track 220-240V – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood



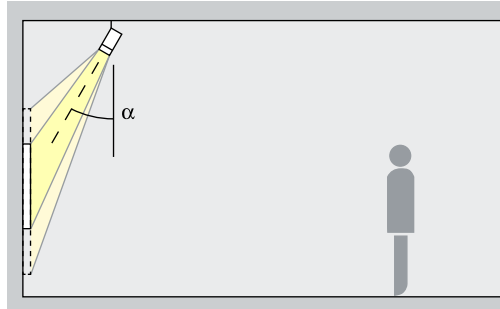
Accentuation

Works of art, merchandise and architectural details are effectively accentuated with Eclipse. 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: $\alpha = 30^\circ$

Zoom spotlights

Zoom spot, Zoom oval



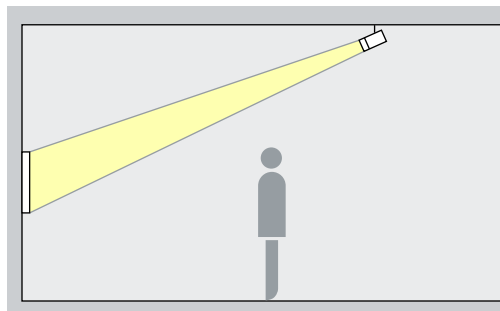
Accentuation

Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30° . The oval zoom is suitable for linear works of art. The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

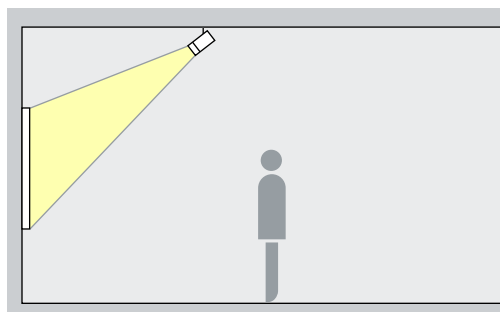
Contour spotlights

Narrow framing, Wide framing



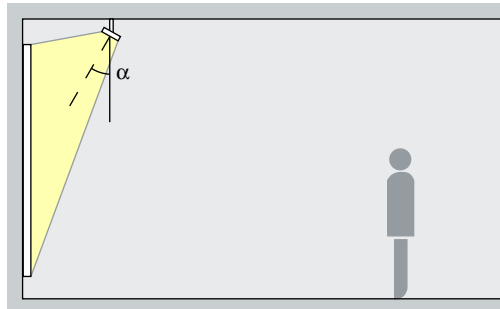
Projection

Contour spotlights generate freely adjustable, crisp-edged light beams. As a result fascinating effects can be created where pictures appear to illuminate from within. Select narrow framing to accurately illuminate small exhibits from a long distance and wide framing to accurately illuminate large exhibits from a short distance.



Floodlights

Wide flood, Extra wide flood, Oval wide flood, Oval flood



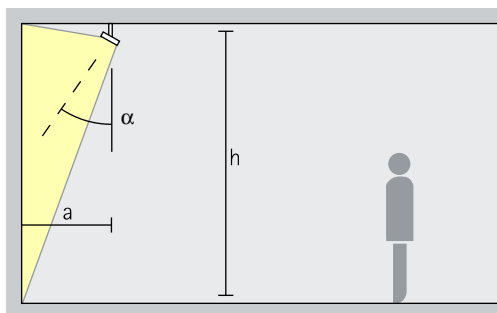
Washlighting

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: $\alpha = 30^\circ$

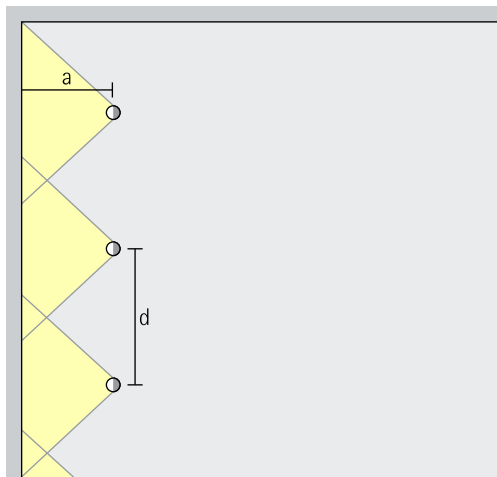
Eclipse OnTrack for track 220-240V – Luminaire arrangement

Lens wallwashers
Wallwash



Wallwashing
For uniform vertical lighting, the distance to the wall (a) of Eclipse lens wallwashers 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 $\alpha = 35^\circ$

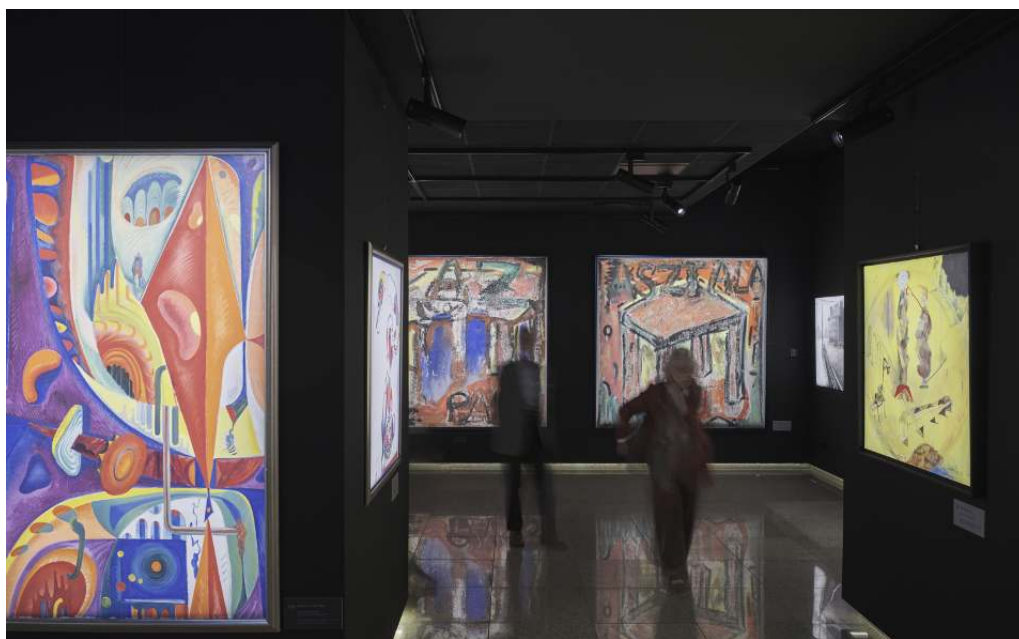


For good longitudinal uniformity, the spacing (d) of Eclipse lens wallwashers may be up to 1.2 times the distance to the wall (a).

Arrangement: $d \leq 1.2 \times a$

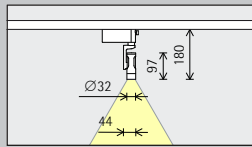
Optimal wall distances and luminaire spacing values for individual products are specified in the wall-washer tables at www.erco.com.

Virág Judit Gallery,
Budapest. Interior/
exhibition design:
Virág Judit Gallery.
Photography:
David Schreyer.

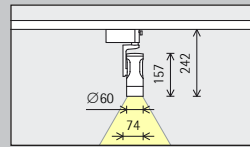


Eclipse OnTrack for track 220-240V

Size



XS
Ø 32mm



S
Ø 60mm

LED module
Maximum value at 4000K CRI 82

2W/262lm	3.1W/369lm (Narrow spot)
3.1W/369lm	

8.1W/1048lm	3.1W/369lm (Narrow spot)
12.4W/1478lm	

Light colour

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

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	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
Zoom spotlights		Lens wallwashers	
	Zoom spot		Wallwash
	Zoom oval		

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Zoom spotlights		Oval wide flood	
	Zoom spot	Lens wallwashers	
	Zoom oval		Wallwash
Contour spotlights			
	Narrow framing		
	Wide framing		

Control

	Phase dimmable + On-board Dim
	DALI
	Casambi Bluetooth

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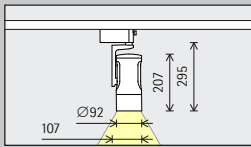
Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

Accessory

	Lenses		Lens Units		Snoot
	Filter		Honeycomb louvre		Barn doors



M
 Ø 92mm

14.1W/1834lm	4.2W/481lm (Narrow spot)
21.7W/2582lm	

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

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Contour spotlights	
Narrow framing	
Wide framing	

	Phase dimmable + On-board Dim
	DALI
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	White		Silver
	Black		10,000 colours *

* available on request

Article numbers and planning data:
www.erco.com/019323

Design and application:
www.erco.com/eclipse-t



