



Eclipse InTrack – The art of illuminating

One spotlight system and 28,000 possibilities: with interchangeable darklight lenses and ultra-slim adapters

Illuminating art in museums and galleries as well as exclusive retail projects requires high-end lighting tools. Eclipse offers innovative technology, maximum visual comfort and a system spectrum that creates unparalleled scope for individual lighting solutions. Interchangeable lens units define the light distributions – also with zoom spotlights and contour spotlights. With only one light point and an almost invisible beam path, the new Dark-

light lenses have a characteristic appearance. The wide diversity of the system can be further refined with accessories: four conversion filters generate 24 additional spectra from six LED light colours, and tunable white and RGBW are available for dynamic scenes. Eclipse is available in five sizes from XS to XL for applications of all sizes – ranging from compact display cases to halls and atria. The connectivity is just as versatile: for example with flexible Multi Dim electronics for DALI, Push Dim and phase dimming or with modules for wireless stand-

ards such as Casambi Bluetooth and Zigbee.



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 and zoom oval; continuously focusable
- Projection lenses: 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), neutral white (3500K or 4000K), tunable white (2700-6500K) or RGBW
- 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 attachment

5 Control gear

- Switchable, On-board Dim, Multi Dim, Multi Dim+On-board Dim, Casambi Bluetooth or Zigbee
- Multi Dim version: DALI dimmable, Push Dim or dimming with external dimmers (leading edge-/trailing edge-/ universal dimmer) possible
- On-board Dim version: rotary control for control of brightness on the luminaire

6 ERCO Intrack adapter

Variants on request

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



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



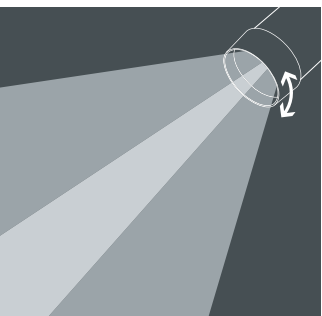
Contour spotlights

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.



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.



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.



Coloured light

Using coloured light, the environment can be designed and transformed with either subtle or dramatic contrasts. LEDs enable you to generate coloured light very efficiently and flexibly.



Tunable white technology

Just as the colour temperature outdoors changes continuously during the day, the colour temperature of indirect lighting can be adjusted indoors to e.g. support lighting concepts for Human Centric Lighting.

Special characteristics



Efficient darklight technology



Contour spotlight



Zoom spotlight



Coloured light



Tunable white



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



Switchable



On-board Dim



Multi Dim



Multi Dim + On-board Dim



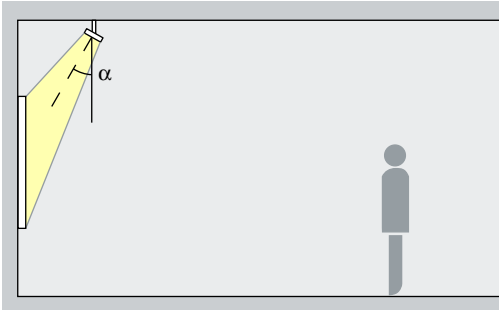
Casambi Bluetooth



Zigbee

Eclipse InTrack for track 220-240V – Luminaire arrangement

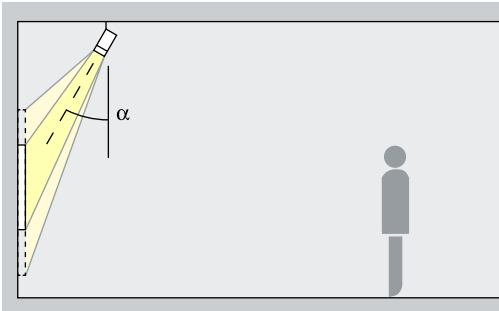
Strahler
Narrow spot, Spot, Flood



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

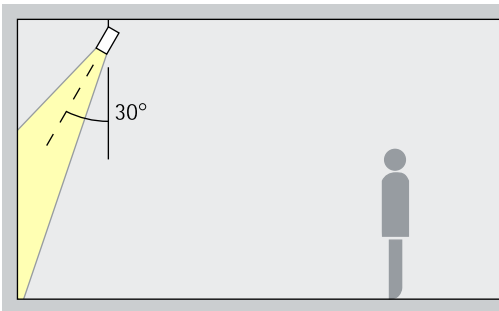
Zoomstrahler
Zoom spot, Zoom oval



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: $\alpha = 30^\circ$

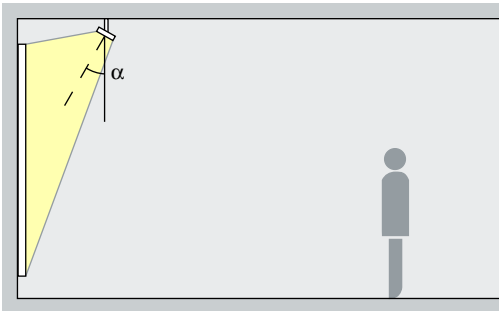
Konturenstrahler
Framing



Projection
Spotlights with framing attachments enable freely settable, crisp-edged light beams. As a result fascinating effects can be created where pictures appear to illuminate from within. The ideal angle of tilt (α) is 30°.

Arrangement: $\alpha = 30^\circ$

Fluter
Framing, Wide flood, Extra wide flood, Oval flood

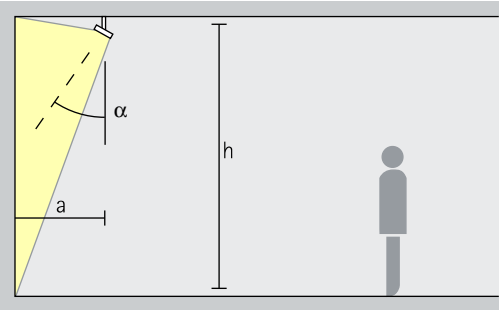


Washlighting
The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: $\alpha = 30^\circ$

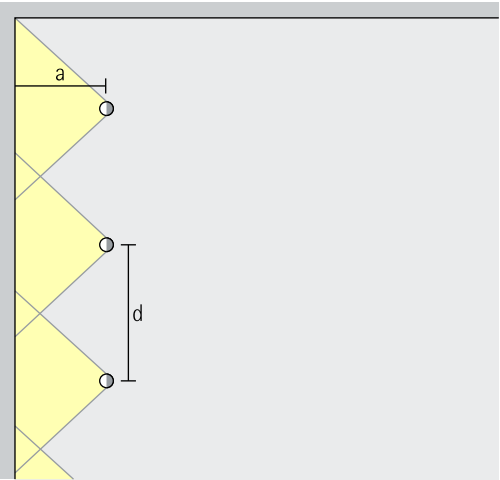
Eclipse InTrack for track 220-240V – Luminaire arrangement

Linsenwandfluter
Wallwash



Wallwashing
For uniform vertical lighting, the distance to the wall (a) of Eclipse InTrack lens wallwashers should be around one third of the room height (h). This results in an angle of tilt (a) of approx. 35°.

Arrangement: $a = 1/3 \times h$ or $\alpha = 35^\circ$



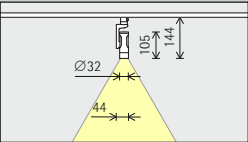
For good longitudinal uniformity, the spacing (d) of Eclipse InTrack lens wallwashers can be up to 1.2 times the distance to the wall (a).

Arrangement: $d \leq 1.2 \times a$

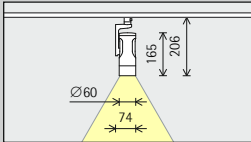
Optimal wall distances and luminaire spacing values for individual products are specified in the wall-washer tables at www.erco.com.

Eclipse InTrack for track 220-240V

Size



XS
Ø 32mm



S
Ø 60mm

LED module
Maximum value
at 4000K CRI 82

2.1W/266lm	3.2W/374lm (Narrow spot)
3.2W/374lm	

8.2W/1064lm	3.2W/374lm (Narrow spot)
12.7W/1496lm	

10W/1148lm

10W/750lm

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

Tunable white

RGBW

Light distribution

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

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Contour spotlights	
Framing	

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Contour spotlights	Wallwash
Framing	

Control

Switchable	On-board Dim
Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Multi Dim + On-board Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
Casambi Bluetooth + DALI via Gateway	Zigbee

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Colour (housing)

White	Silver
Black	10,000 colours *

White	Silver
Black	10,000 colours *

White	Silver
Black	10,000 colours *

White	Silver
Black	10,000 colours *

Accessory

Lenses	Lens Units	Snoot	Add-on Control Units
Filter	Honeycomb louvre	Barn doors	Gateways

* available on request

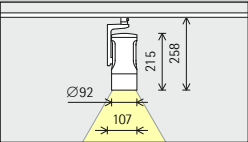
Article numbers and planning data:
www.erco.com/018437

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



Eclipse InTrack for track 220-240V

Size



M
Ø 92mm

LED module
Maximum value
at 4000K CRI 82

14.4W/1862lm	4,3W/472lm (Narrow spot)
22.2W/2618lm	

Light colour

	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
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Zoom spot	Lens wallwashers
Zoom oval	Wallwash
Contour spotlights	
Framing	

Control

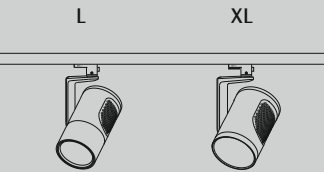
Switchable	On-board Dim
Multi Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable	Multi Dim + On-board Dim ✓ DALI dimmable ✓ Push Dim ✓ Phase dimmable ✓ Dimmable via rotary control
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Colour (housing)

White	Silver
Black	10,000 colours *

Accessory

Lenses	Lens Units	Snoot	Add-on Control Units
Filter	Honeycomb louvre	Barn doors	Gateways



Product information about Eclipse InTrack L and XL sizes are available on request.

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