



Eclipse InTrack – The art of illuminating

A spotlight system with interchangeable Darklight lenses and ultra-slim adapters

In five sizes, Eclipse offers high-end technology, maximum visual comfort and a system scope for all applications – 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 create additional spectra and

tunable white and RGBW are available for dynamic scenes. Modern connectivity such as Multi Dim for DALI, Push Dim or wireless standards such as Casambi Bluetooth make Eclipse particularly smart.



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 or wall-wash
- Zoom lenses: zoom spot; 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), neutral white (3500K or 4000K), tunable white (2700-7500K) or RGBW
- Collimating lens made of optical polymer

4 Housing and bracket

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

5 Control gear

- On-board Dim, Multi Dim, Multi Dim+On-board Dim or Casambi Bluetooth
- 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, 3-circuit adapter or DALI adapter

Variants on request

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



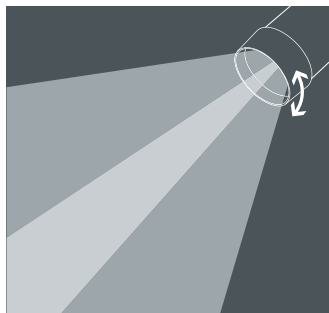
Design and application:
www.erco.com/eclipse-intrack

Eclipse InTrack 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.



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.



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.



Tunable white technology

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



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.

Special characteristics



Efficient darklight technology



Zoom spotlight



Contour spotlight



Tunable white



Coloured light



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



On-board Dim



Multi Dim



Multi Dim + On-board Dim



Casambi Bluetooth

Eclipse InTrack for track 220-240V – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood

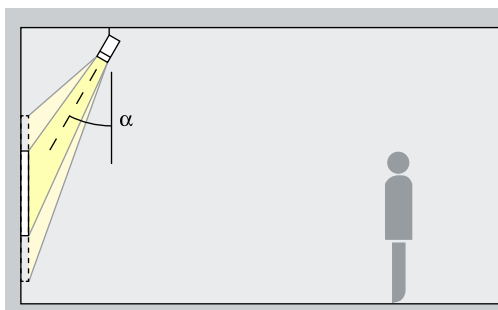


Works of art, merchandise and architectural details are effectively accentuated with Eclipse InTrack. The ideal angle of tilt (α) for this is around 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Zoom spotlights

Zoom spot

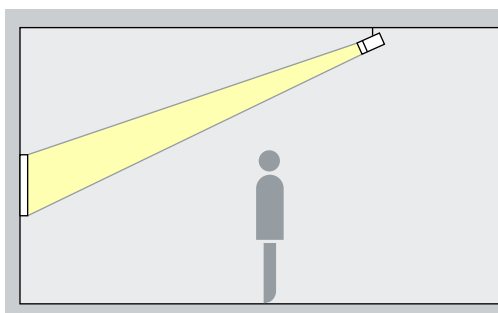


Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also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

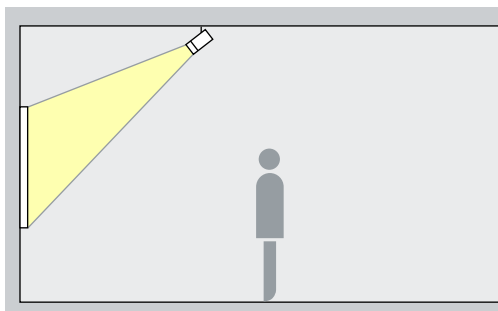
Arrangement: $\alpha = 30^\circ$

Contour spotlights

Narrow framing, Wide framing

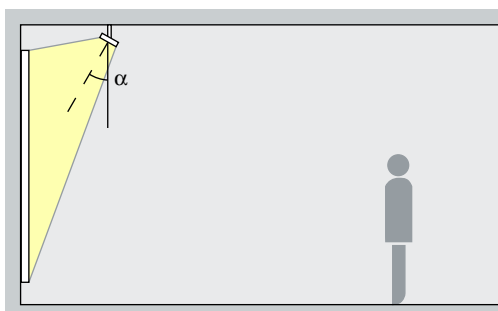


Contour spotlights generate freely adjustable, crisp-edged light beams. As a result fascinating effects can be created where pictures appear to illuminate from within. Select narrow framing to accurately illuminate small exhibits from a long distance and wide framing to accurately illuminate large exhibits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



Floodlights

Wide flood, Extra wide flood, Oval flood

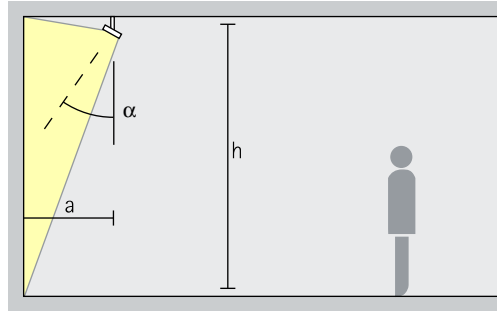


The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: $\alpha = 30^\circ$

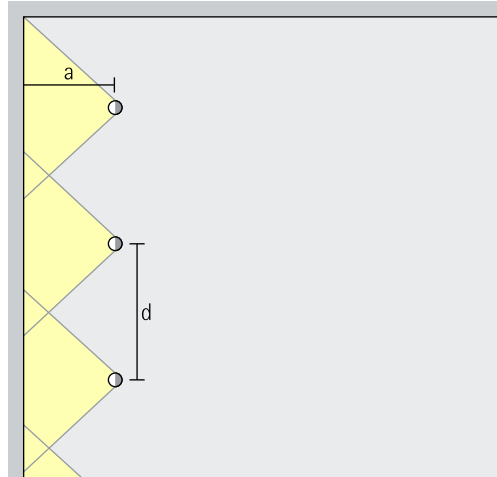
Eclipse InTrack for track 220-240V – Luminaire arrangement

Lens wallwashers Wallwash



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 (α) 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 1.5 times the distance to the wall (a).

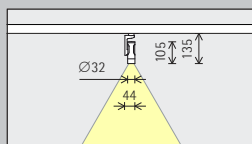
Arrangement: $d \leq 1.5 \times a$

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

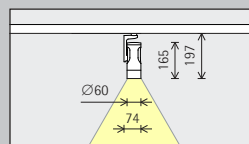


Eclipse InTrack for track 220-240V

Size



XS
Ø 32mm



S
Ø 60mm

LED module

Maximum value at 4000K CRI 92

3.1W/404lm	3.1W/404lm (Narrow spot)
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12.4W/1618lm	3.1W/339lm (Narrow spot)
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Light colour

	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
Zoom spotlights	Lens wallwashers
Zoom spot	Wallwash

Spotlights	Floodlights
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Contour spotlights	
Narrow framing	
Wide framing	

Control

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	On-board Dim

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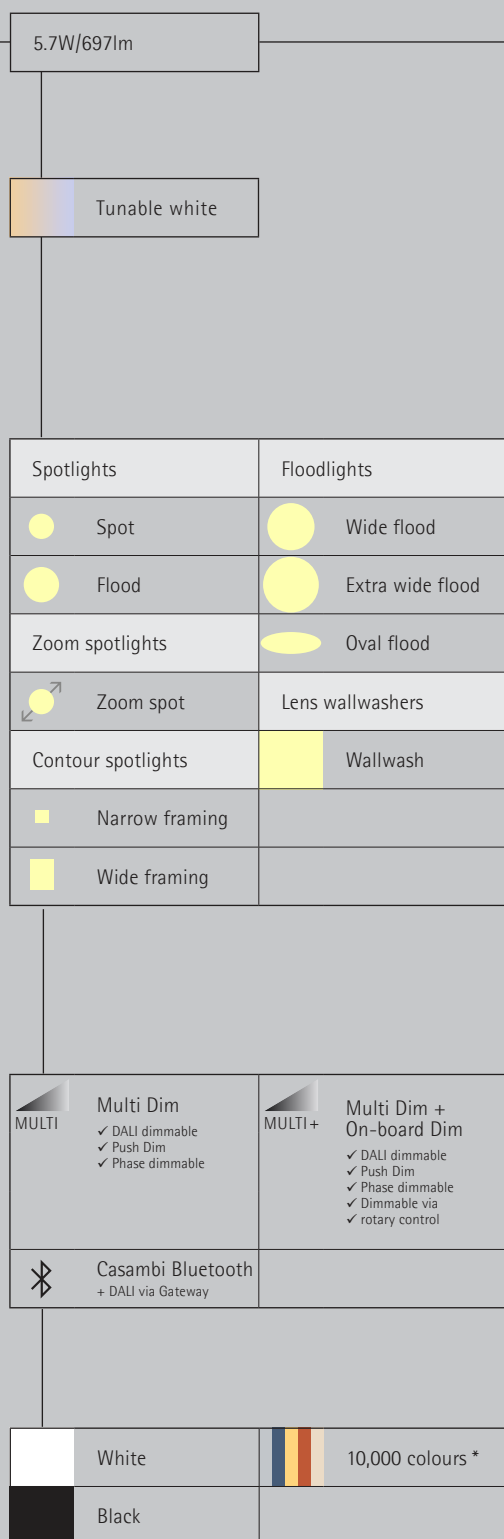
Colour (housing)

	White		10,000 colours *
	Black		

	White		10,000 colours *
	Black		

Accessory

	Lenses		Lens Units		Snoot		Add-on Control Units
	Filter		Honeycomb louvre		Barn doors		DALI Casambi Gateway



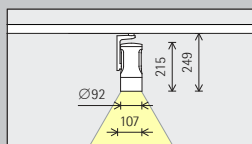
* available on request

www.ercos.com/eclipse-intrack



Eclipse InTrack for track 220-240V

Size



M
Ø 92mm

LED module

Maximum value at 4000K CRI 92

21.7W/2831lm	4.2W/426lm (Narrow spot)
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18W/2155lm

Light colour

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

	Tunable white
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Light distribution

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

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Zoom spot	Lens wallwashers
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Narrow framing	
Wide framing	

Control

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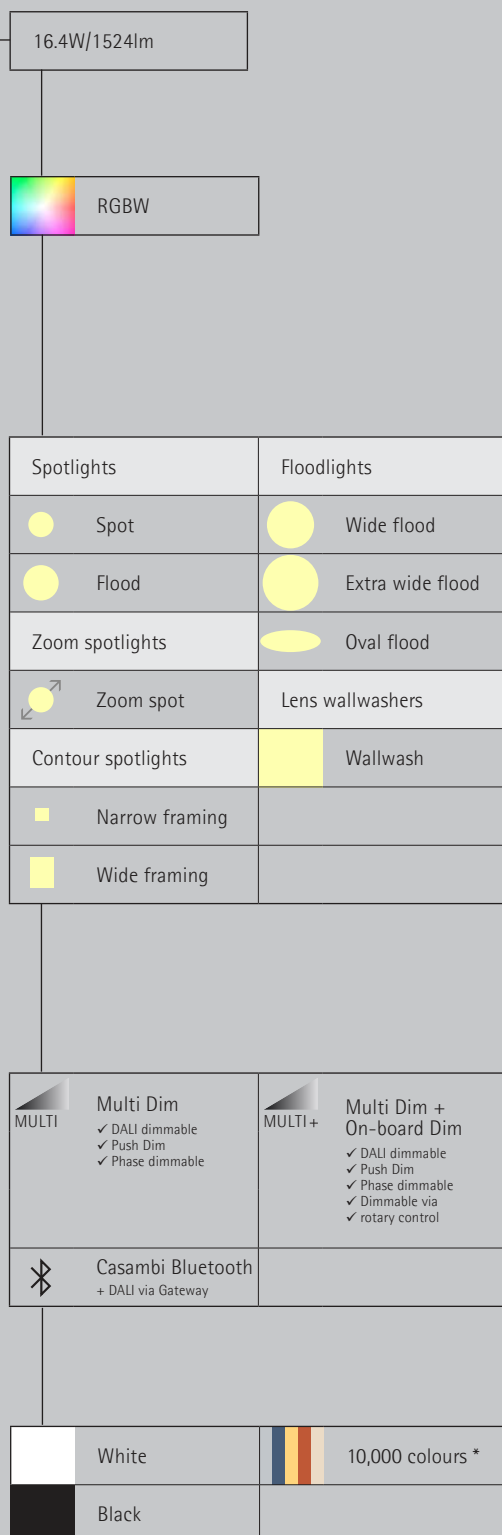
Colour (housing)

	White		10,000 colours *
	Black		

	White		10,000 colours *
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Accessory

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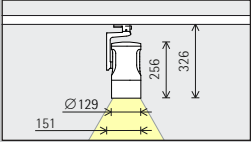
* available on request

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Eclipse InTrack for track 220-240V

Size



L

Ø 129mm

LED module

Maximum value at 4000K CRI 92

30.5W/4256lm

12.7W/1278lm (Narrow spot)

36.5W/3343lm

Light colour

2700K CRI 92

3000K CRI 92

3000K CRI 97

3500K CRI 92

4000K CRI 92

Tunable white

Light distribution

Spotlights

Narrow spot

Spot

Flood

Zoom spotlights

Zoom spot

Contour spotlights

Narrow framing

Wide framing

Floodlights

Wide flood

Extra wide flood

Oval flood

Lens wallwashers

Wallwash

Spotlights

Spot

Flood

Zoom spotlights

Zoom spot

Contour spotlights

Narrow framing

Wide framing

Floodlights

Wide flood

Extra wide flood

Oval flood

Lens wallwashers

Wallwash

Control

On-board Dim

Casambi Bluetooth

DALI

DALI

DALI

Casambi Bluetooth

Colour (housing)

White

Black

10,000 colours *

White

Black

10,000 colours *

	Lenses		Lens Units		Snoot		DALI Casambi Gateway
	Filter		Honeycomb louvre		Barn doors		



* available on request

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