



## 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 (2700-8000K) 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

### 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, 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](http://www.erco.com/eclipse-intrack)

# Eclipse InTrack for track 220-240V



**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

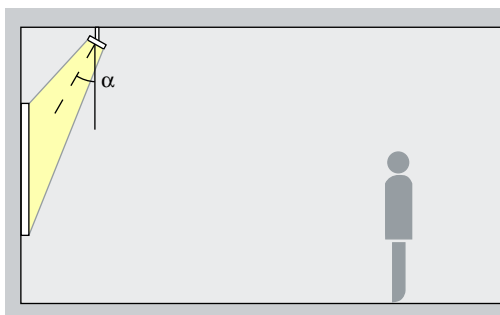


Zigbee

# Eclipse InTrack for track 220-240V – Luminaire arrangement

## Spotlights

Narrow spot, Spot, Flood



## Accentuation

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

## Zoom spotlights

Zoom spot, Zoom oval



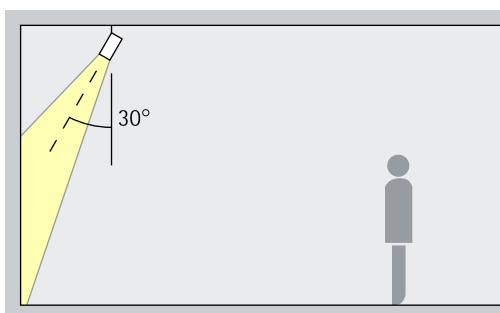
## Accentuation

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 ( $\alpha$ ) of approximately  $30^\circ$ . 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

Framing



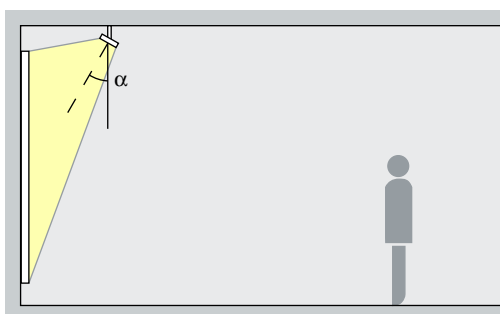
## Projection

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 ( $\alpha$ ) is  $30^\circ$ .

Arrangement:  $\alpha = 30^\circ$

## Floodlights

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



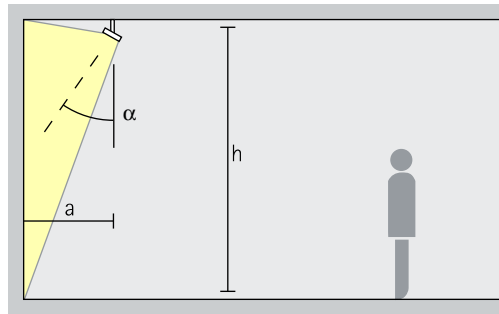
## Washlighting

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:  $\alpha = 30^\circ$

# Eclipse InTrack for track 220-240V – Luminaire arrangement

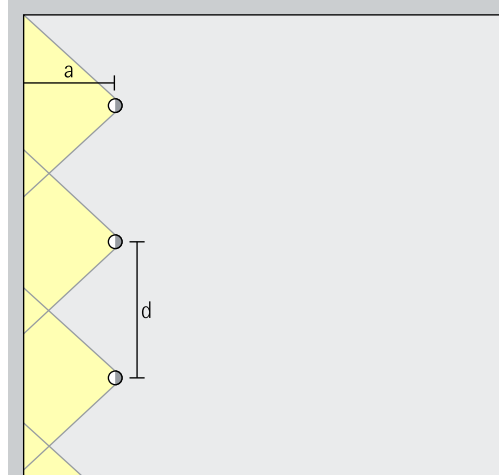
Lens wallwashers  
Wallwash



## 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 (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 1.2 times the distance to the wall (a).

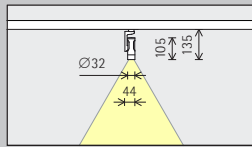
Arrangement:  $d \leq 1.2 \times a$

Optimal wall distances and luminaire spacing values for individual products are specified in the wall-washer tables at [www.erco.com](http://www.erco.com).

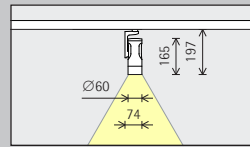


# Eclipse InTrack for track 220-240V

Size



**XS**  
Ø 32mm



**S**  
Ø 60mm

LED module  
Maximum value at 4000K CRI 82

|            |                          |
|------------|--------------------------|
| 2W/264lm   | 3.1W/371lm (Narrow spot) |
| 3.1W/371lm |                          |

|              |                          |
|--------------|--------------------------|
| 8W/1056lm    | 3.1W/371lm (Narrow spot) |
| 12.2W/1485lm |                          |

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       |
|            | Zoom spotlights |             | Oval wide flood  |
|            | Zoom spot       |             | Lens wallwashers |
|            | Zoom oval       |             | Wallwash         |

| 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         |
| Contour spotlights |                 |             |                  |
|                    | Framing         |             |                  |

Control

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

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

Colour (housing)

|  |       |  |                  |
|--|-------|--|------------------|
|  | 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 |  | DALI Casambi Gateway |

9.4W/1158lm

Tunable white

| Spotlights         | Floodlights      |
|--------------------|------------------|
| Spot               | Wide flood       |
| Flood              | Extra wide flood |
| Zoom spotlights    | Oval flood       |
| Zoom spot          | Oval wide flood  |
| Zoom oval          | Lens wallwashers |
| Contour spotlights | Wallwash         |
| Framing            |                  |

|   |   |
|---|---|
| <b>Multi Dim</b><br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable | <b>Multi Dim + On-board Dim</b><br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable<br>✓ Dimmable via rotary control |
| Casambi Bluetooth<br>+ DALI via Gateway                               | Zigbee  |

|       |                  |
|-------|------------------|
| White | Silver           |
| Black | 10,000 colours * |

9.3W/788lm

RGBW

| Spotlights         | Floodlights      |
|--------------------|------------------|
| Spot               | Wide flood       |
| Flood              | Extra wide flood |
| Zoom spotlights    | Oval flood       |
| Zoom spot          | Oval wide flood  |
| Zoom oval          | Lens wallwashers |
| Contour spotlights | Wallwash         |
| Framing            |                  |

|   |   |
|---|---|
| <b>Multi Dim</b><br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable | <b>Multi Dim + On-board Dim</b><br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable<br>✓ Dimmable via rotary control |
| Casambi Bluetooth<br>+ DALI via Gateway                               | Zigbee  |

|       |                  |
|-------|------------------|
| White | Silver           |
| Black | 10,000 colours * |

\* available on request

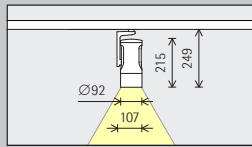
Article numbers and planning data:  
[www.erco.com/018437](http://www.erco.com/018437)

Design and application:  
[www.erco.com/eclipse-intrack](http://www.erco.com/eclipse-intrack)



# Eclipse InTrack for track 220-240V

Size



M  
Ø 92mm

LED module  
Maximum value at 4000K CRI 82

|              |                          |
|--------------|--------------------------|
| 14W/1848lm   | 4.2W/467lm (Narrow spot) |
| 21.4W/2598lm |                          |

|              |
|--------------|
| 18.2W/2131lm |
|--------------|

Light colour

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

|  |               |
|--|---------------|
|  | Tunable white |
|--|---------------|

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         |
| Contour spotlights |                  |
| Framing            |                  |

| Spotlights         | Floodlights      |
|--------------------|------------------|
| Spot               | Wide flood       |
| Flood              | Extra wide flood |
| Zoom spotlights    | Oval flood       |
| Zoom spot          | Oval wide flood  |
| Zoom oval          | Lens wallwashers |
| Contour spotlights | Wallwash         |
| Framing            |                  |

Control

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

|  |  |
|--|--|
| Multi Dim<br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable | Multi Dim + On-board Dim<br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable<br>✓ Dimmable via rotary control |
| Casambi Bluetooth + DALI via Gateway                           | Zigbee   |

Colour (housing)

|  |       |  |                  |
|--|-------|--|------------------|
|  | 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 | DALI Casambi Gateway |







17.9W/1476lm

RGBW

| Spotlights  | Floodlights  |
|---|--|
|  Spot        |  Wide flood       |
|  Flood       |  Extra wide flood |
| Zoom spotlights   |  Oval flood       |
|  Zoom spot  |  Oval wide flood |
|  Zoom oval | Lens wallwashers   |
| Contour spotlights  |  Wallwash       |
|  Framing   |  |

|   |   |
|---|---|
|  <b>Multi Dim</b><br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable |  <b>Multi Dim + On-board Dim</b><br>✓ DALI dimmable<br>✓ Push Dim<br>✓ Phase dimmable<br>✓ Dimmable via rotary control |
|  <b>Casambi Bluetooth</b><br>+ DALI via Gateway                        |  <b>Zigbee</b>   |

|   |  |
|---|--|
|  White |  Silver           |
|  Black |  10,000 colours * |

\* available on request

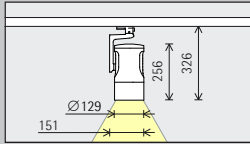
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Design and application:  
[www.erco.com/eclipse-intrack](http://www.erco.com/eclipse-intrack)



# Eclipse InTrack for track 220-240V

Size



L  
Ø 129mm

LED module  
Maximum value at 4000K CRI 82

|              |                            |
|--------------|----------------------------|
| 19.7W/2754lm | 12.5W/1402lm (Narrow spot) |
| 30.1W/3920lm |                            |

|              |
|--------------|
| 35.6W/3346lm |
|--------------|

Light colour

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

|  |               |
|--|---------------|
|  | Tunable white |
|--|---------------|

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         |
|            | Contour spotlights |             |                  |
|            | Framing            |             |                  |

| Spotlights |                    | Floodlights |                  |
|------------|--------------------|-------------|------------------|
|            | Spot               |             | Wide flood       |
|            | Flood              |             | Extra wide flood |
|            | Zoom spotlights    |             | Oval flood       |
|            | Zoom spot          |             | Oval wide flood  |
|            | Zoom oval          |             | Lens wallwashers |
|            | Contour spotlights |             | Wallwash         |
|            | Framing            |             |                  |

Control

|  |                   |  |              |
|--|-------------------|--|--------------|
|  | Switchable        |  | On-board Dim |
|  | Casambi Bluetooth |  | Zigbee       |
|  | DALI              |  |              |

|  |                   |  |        |
|--|-------------------|--|--------|
|  | Casambi Bluetooth |  | Zigbee |
|  | DALI              |  |        |

Colour (housing)

|  |       |  |                  |
|--|-------|--|------------------|
|  | White |  | Silver           |
|  | Black |  | 10,000 colours * |








|  |       |  |                  |
|--|-------|--|------------------|
|  | White |  | Silver           |
|  | Black |  | 10,000 colours * |




Accessory





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

36.9W/2462lm

 RGBW

| Spotlights  |  | Floodlights  |  |
|---|--|--|--|
|  Spot        |  |  Wide flood       |  |
|  Flood       |  |  Extra wide flood |  |
| Zoom spotlights   |  |  Oval flood       |  |
|  Zoom spot  |  |  Oval wide flood |  |
|  Zoom oval |  | Lens wallwashers   |  |
| Contour spotlights  |  |  Wallwash       |  |
|  Framing   |  |  |  |

|   |  |
|---|--|
|  Casambi Bluetooth |  Zigbee |
|  DALI              |  |

|   |  |
|---|--|
|  White |  Silver           |
|  Black |  10,000 colours * |

\* available on request

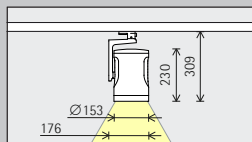
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Design and application:  
[www.erco.com/eclipse-intrack](http://www.erco.com/eclipse-intrack)



# Eclipse InTrack for track 220-240V

## Size



**XL**  
 Ø 153mm

## LED module

Maximum value at 4000K CRI 82

|              |                            |
|--------------|----------------------------|
| 32.7W/4494lm | 16.6W/1869lm (Narrow spot) |
| 51.5W/6539lm |                            |

## 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       |
|            | Spot             |             | Extra wide flood |
|            | Flood            |             | Oval flood       |
|            | Lens wallwashers |             | Oval wide flood  |
|            | Wallwash         |             |                  |

## Control

|  |                   |  |        |
|--|-------------------|--|--------|
|  | Switchable        |  | DALI   |
|  | Casambi Bluetooth |  | Zigbee |

## Colour (housing)

|  |       |  |                  |
|--|-------|--|------------------|
|  | White |  | Silver           |
|  | Black |  | 10,000 colours * |

## Accessory

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

\* available on request

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