Eclipse InTrack – The art of illuminating

One spotlight system and 28,000 possibilities: 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.

Eclipse InTrack for track 220-240V

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), neutral white (3500K or 4000K), tunable white (2700-7500K) 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
- Pivotable 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

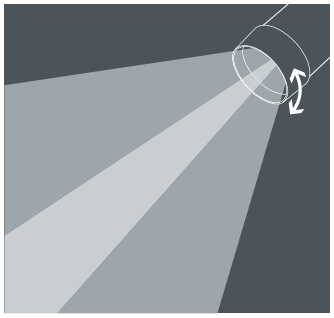
Please contact your ERCO consultant.

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

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.

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.

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 the 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

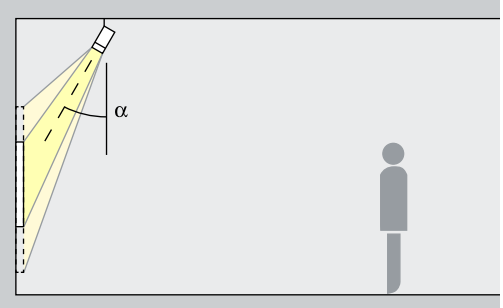
Eclipse InTrack for track 220-240V – Luminaire arrangement

Spotlights
Narrow spot, Spot, Flood

Accentuation
Works of art, merchandise and architectural details are effectively accentuated with Eclipse InTrack. The ideal angle of tilt (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: α = 30°

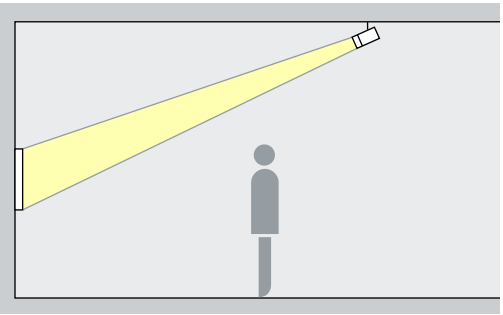
Zoom spotlights
Zoom spot, Zoom oval



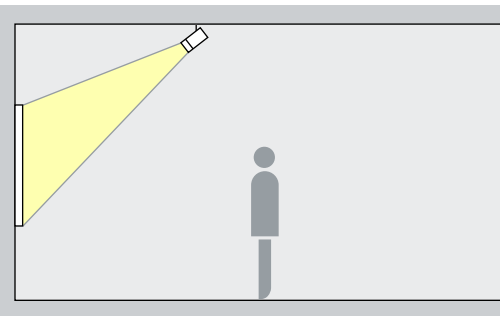
Accentuation
Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30°. The oval zoom is suitable for linear works of art. The object is modelled without distorting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

Arrangement: α = 30°

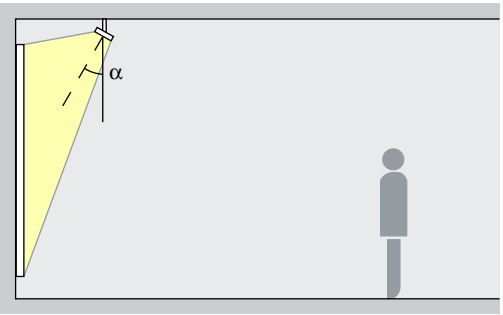
Contour spotlights
Narrow framing, Wide framing



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

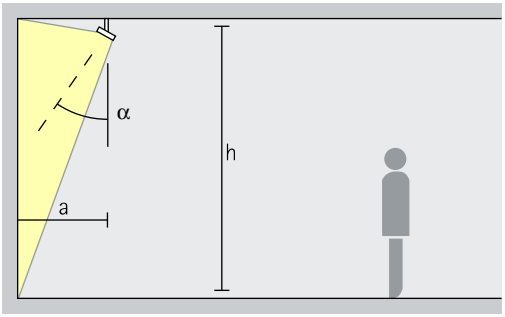


Washlighting
The ideal angle of tilt (α) for floodlighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: α = 30°

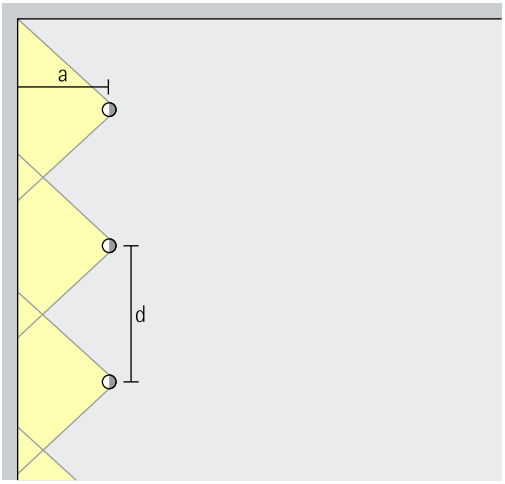
Eclipse InTrack for track 220-240V – Luminaire arrangement

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 (a) of approx. 35°.

Arrangement: a = 1/3 x h or
α = 35°

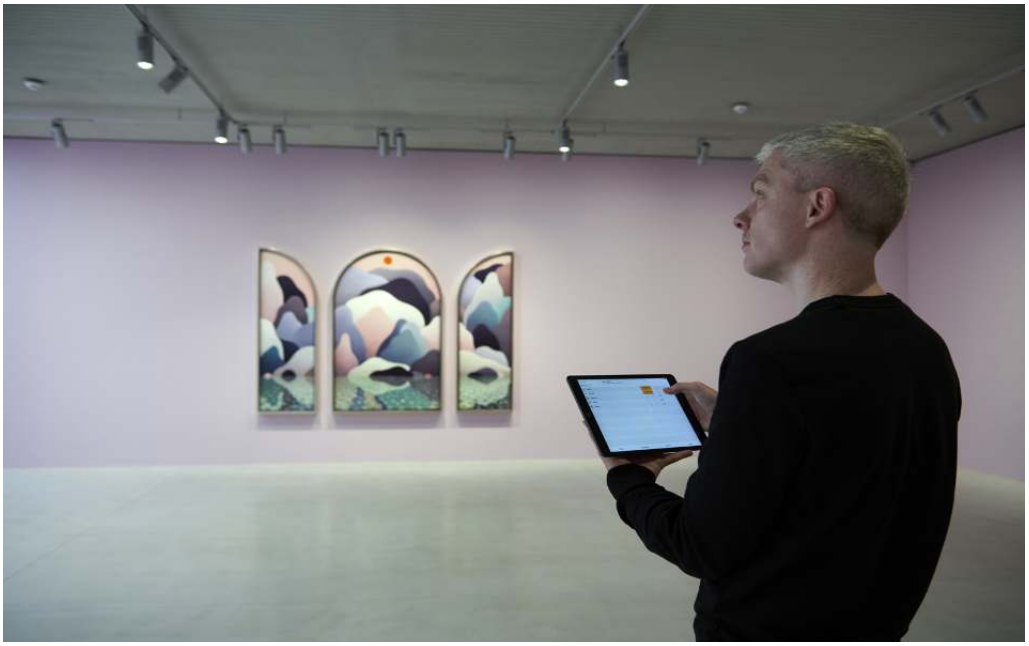


For good longitudinal uniformity, the spacing (d) of Eclipse InTrack lens wallwashers can be up to 1.2 times the distance to the wall (a).

Arrangement: d ≤ 1.2 x a

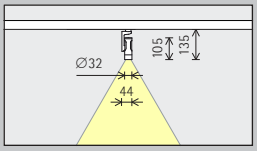
Optimal wall distances and luminaire spacing values for individual products are specified in the wallwasher tables at www.erco.com.

Xavier Hufkens Gallery, Brussels. Architecture: Robbrecht & Daem Architecten, Ghent. Lighting design: SiSi (Siegrid Siderius), Amsterdam. Installation: Dimension Lumière, Jacques Verliefden, Brussels. Art: Nicolas Party. Photography: Thomas Mayer, Neuss.

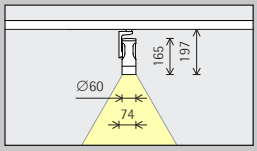


Eclipse InTrack for track 220-240V

Size



XS
Ø 32mm



S
Ø 60mm

LED module
Maximum value at 4000K CRI 82

2W/272lm	3.1W/382lm (Narrow spot)
3.1W/382lm	

8.1W/1086lm	3.1W/382lm (Narrow spot)
12.4W/1528lm	

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	
Narrow framing	
Wide framing	

Control

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

Casambi Bluetooth + DALI via Gateway	Zigbee
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On-board Dim	

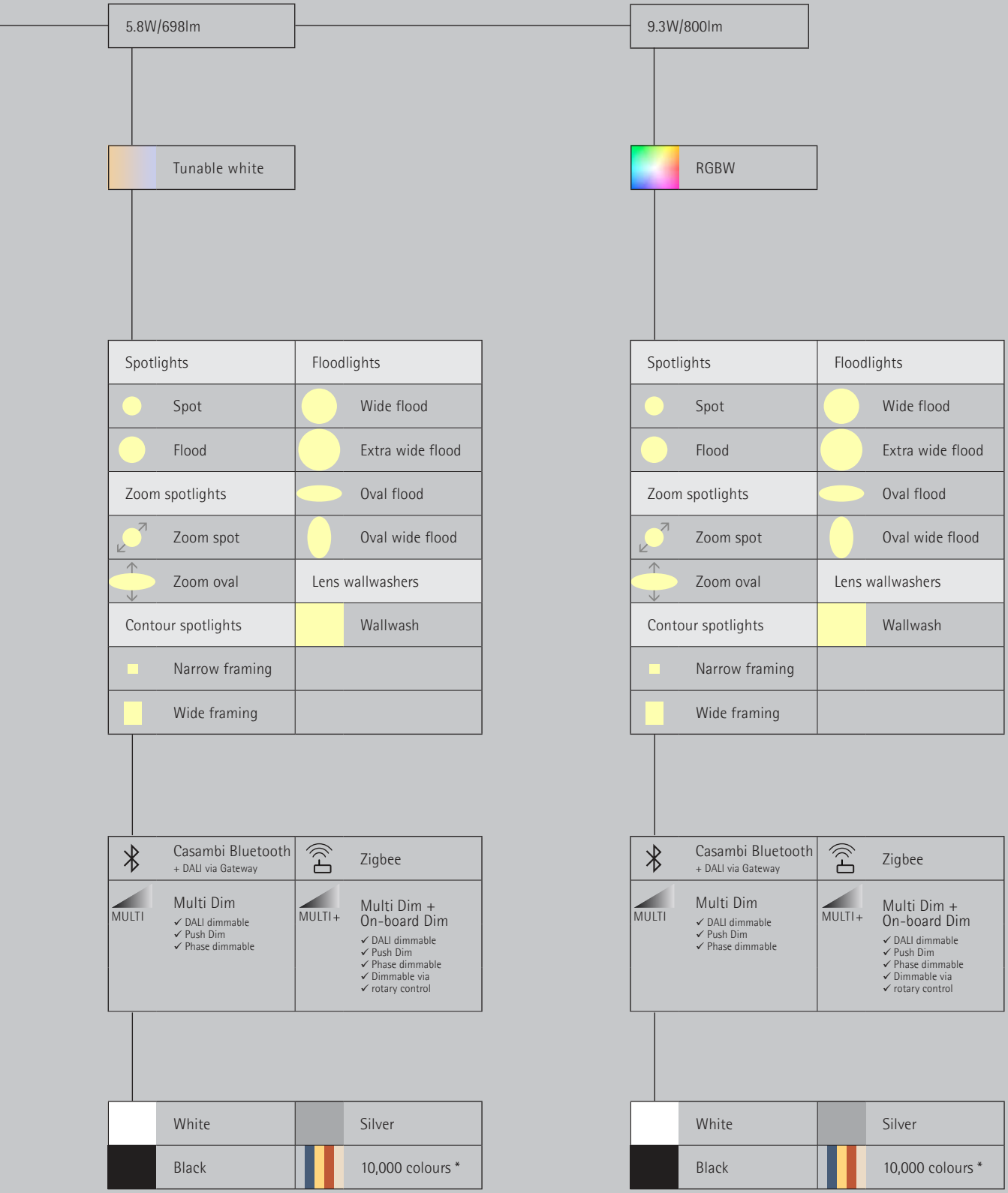
Colour (housing)

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



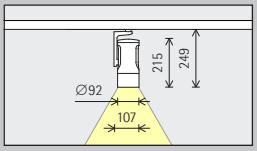
* available on request

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

14.1W/1901lm	4.2W/481lm (Narrow spot)
21.6W/2673lm	

18.2W/2156lm

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	
Narrow framing	
Wide 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
Narrow framing	
Wide framing	

Control

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

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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/1516lm

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
Narrow framing	
Wide framing	

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

White	Silver
Black	10,000 colours *

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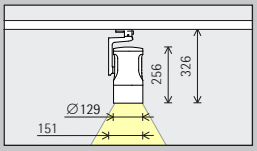

L
Ø 129mm

LED module
Maximum value at 4000K CRI 82

19.9W/2834lm	12.6W/1443lm (Narrow spot)
30.3W/4035lm	

36.7W/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	
Narrow framing	
Wide 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
Narrow framing	
Wide framing	

Control

On-board Dim	DALI
Casambi Bluetooth	Zigbee

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	

36W/2534lm

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
Narrow framing	
Wide framing	

Casambi Bluetooth	Zigbee
DALI	

White	Silver
Black	10,000 colours *

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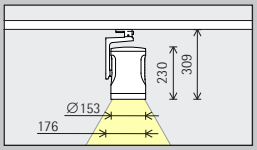

XL
Ø 153mm

LED module
Maximum value at 4000K CRI 82

32.9W/4624lm	16.8W/1924lm (Narrow spot)
51.9W/6731lm	

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	

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