Parscan InTrack – Systematic diversity

The multifunctional spotlight system for museums and foyers with flush track adapter
The evolution of Parscan brings a broad technical platform for even more quality of light, design flexibility and digital connectivity. A new generation of Spherolit lenses projects the light onto the target plane – precisely, uniformly and with superior efficiency. Miniaturised technology enables maximum optical performance even from size XS. The elegant Intrack adapter disappears into the track and the support bracket integrates flush into the overall cylindrical shape: a timeless, minimalist design for projects such as museums, foyers or sacred spaces. Parscan spotlights can be customised to suit the specific installation situation thanks to tool-free interchangeable lens units, a wide range of accessories and add-on control units.

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
- Spherolit lenses: narrow spot, spot, flood, wide flood, extra wide flood, oval flood, oval wide flood or wall-wash
- 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°–90°
- Bracket: cast aluminium/polymer; rotatable through 360° on adapter

5 Control gear
- 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

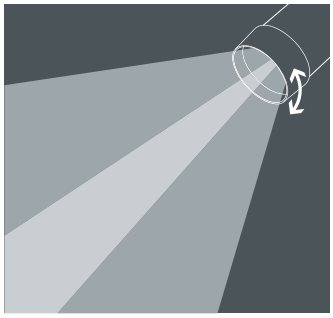
Please contact your ERCO consultant.

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

Parscan InTrack for track 220-240V

Large lumen packages for very high illuminances
The attention of the viewer can be focused via contrasting accents. ERCO has high-performance luminaires with large lumen packages in its range for this purpose.

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.

RGBW luminaires
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
Corresponding to the continuously changing colour temperature outdoors during the course of the day, the colour temperature of indirect lighting indoors can also be adapted, for example to support lighting concepts for Human Centric Lighting applications.

Special characteristics

- Large lumen packages for very high illuminances
- Contour spotlight
- Zoom spotlight
- Coloured light
- Tunable white

- ERCO high-power LEDs
- Efficient Spherolit technology
- Different light distributions
- Oval flood, freely rotatable
- Different light colours

- Excellent thermal management
- EMC-optimised
- Various housing colours
- Various construction sizes
- Pivotable through 90°
- Accessory for maximum visual comfort

- On-board Dim
- Multi Dim
- Multi Dim + On-board Dim
- Casambi Bluetooth
- Zigbee

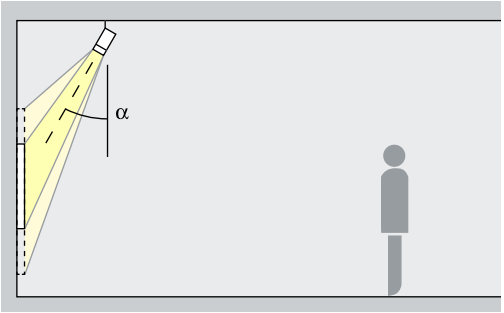
Parscan InTrack for track 220-240V – Luminaire arrangement

Spotlights
Narrow spot, Spot, Flood

Accentuation
Works of art, merchandise and architectural details are effectively accentuated with Parscan. 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°

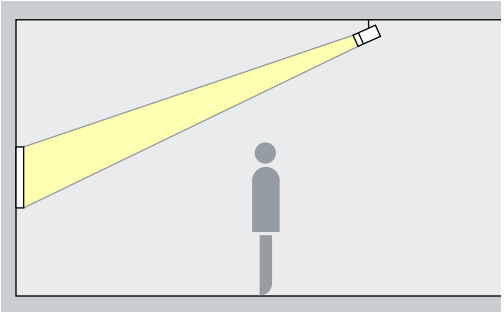
Zoom spotlights
Zoom spot, Zoom oval



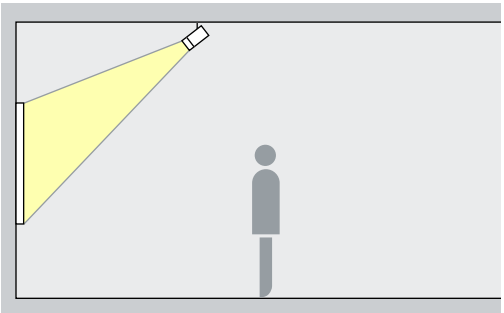
Accentuation
Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30°. The oval zoom is suitable for linear works of art. The object is modelled without distorting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

Arrangement: α = 30°

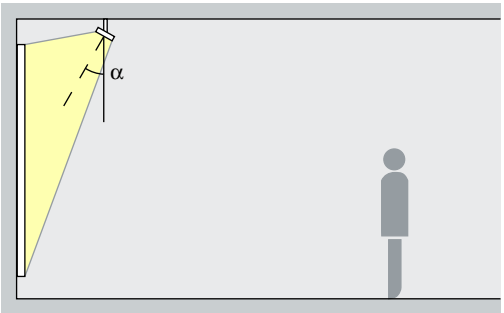
Contour spotlights
Narrow framing, Wide framing



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

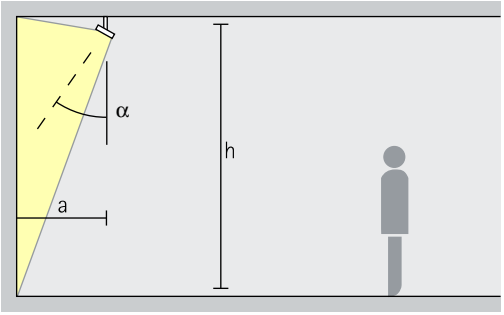


Washlighting
The ideal angle of tilt (α) for floodlighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: α = 30°

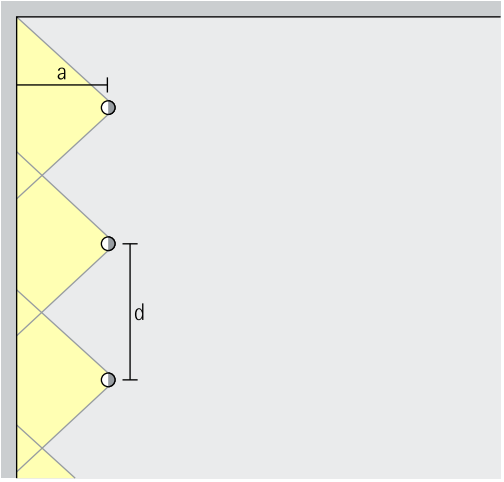
Parscan InTrack for track 220-240V – Luminaire arrangement

Lens wallwashers
Wallwash



Wallwashing
For uniform vertical lighting, the distance to the wall (a) of Parscan 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 x h or α = 35°



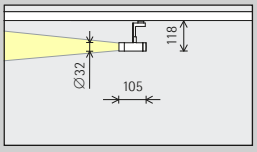
For good longitudinal uniformity, the luminaire spacing (d) of Parscan wallwashers may be up to 1.2 times the distance to the wall (a).

Arrangement: d ≤ 1.2 x a

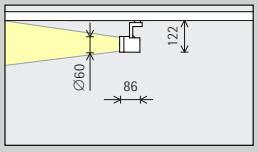
Optimal wall distances and luminaire spacing values for individual products are specified in the wallwasher tables at www.erco.com.

Parscan InTrack for track 220-240V

Size



XS
∅ 32mm



S
∅ 60mm

LED module
Maximum value at 4000K CRI 82

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

S	
5.7W/810lm	3.1W/382lm (Narrow spot)
8.1W/1086lm	

Light colour

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

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

Light distribution

XS			
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

S			
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

XS			
	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		

S			
	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		

Colour (housing)

XS			
	White		Silver
	Black		10,000 colours *

S			
	White		Silver
	Black		10,000 colours *

Accessory

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

5.7W/614lm

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
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 *

7.4W/713lm

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 *

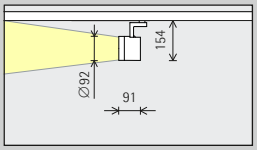
* available on request

Article numbers and planning data:
www.erco.com/020809

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

Parscan InTrack for track 220-240V

Size



M
Ø 92mm

LED module
Maximum value at 4000K CRI 82

12.8W/1822lm	4.2W/481lm (Narrow spot)
18.1W/2444lm	

12.6W/1335lm

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	

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

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

12.6W/1156lm

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 *

* available on request

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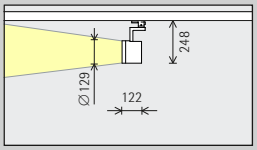
Size



L
Ø 129mm

LED module
Maximum value at 4000K CRI 82

15.7W/2350lm	12.6W/1443lm (Narrow spot)
25.1W/3523lm	

20.0W/2097lm

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

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
Filter	Honeycomb louvre	Barn doors

20.0W/1824lm

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 *

* available on request

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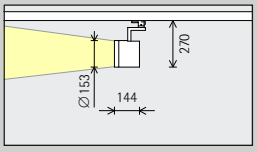
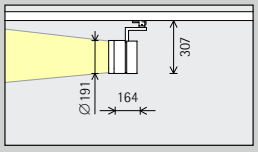
Size



XL
Ø 153mm



XXL
Ø 191mm

LED module
Maximum value at 4000K CRI 82

XL	
20.6W/3085lm	16.8W/1924lm (Narrow spot)
32.9W/4624lm	

XXL	
35.3W/5288lm	21.6W/2673lm (Narrow spot)
56.4W/7927lm	

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
Filter	Honeycomb louvre	Barn doors

* available on request

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