



Parscan New 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 or wallwash
- 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°-90°
- 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.

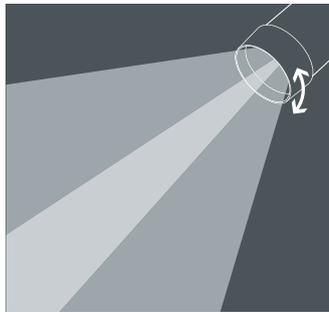


Design and application:
www.erco.com/parscan-intrack

Parscan New 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.



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.



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.

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

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

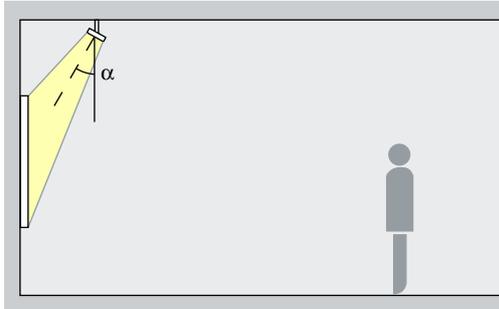
	Excellent thermal management
	EMC-optimised
	Various housing colours
	Various construction sizes
	Pivotable through 90°
	Accessory for maximum visual comfort

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

Parscan New InTrack for track 220-240V – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood

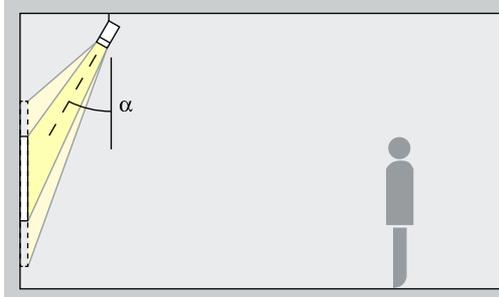


Works of art, merchandise and architectural details are effectively accentuated with Parscan. The ideal angle of tilt (α) for this is around 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Zoom spotlights

Zoom spot

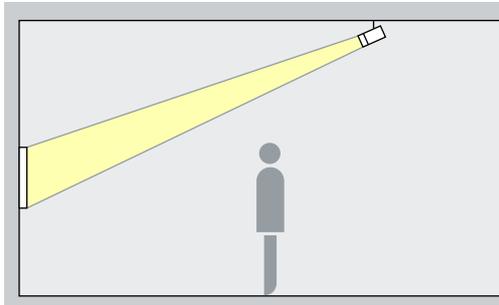


Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also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

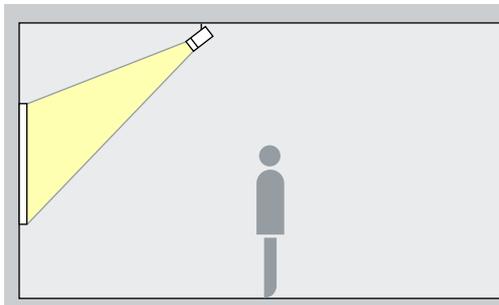
Arrangement: $\alpha = 30^\circ$

Contour spotlights

Narrow framing, Wide framing

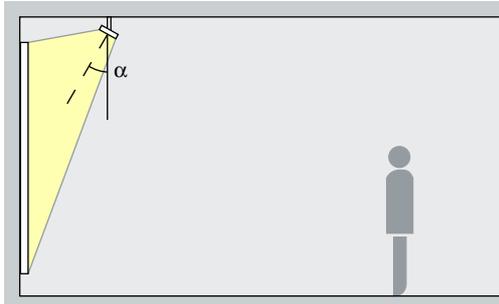


Contour spotlights generate freely adjustable, crisp-edged light beams. As a result fascinating effects can be created where pictures appear to illuminate from within. Select narrow framing to accurately illuminate small exhibits from a long distance and wide framing to accurately illuminate large exhibits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



Floodlights

Wide flood, Extra wide flood, Oval flood

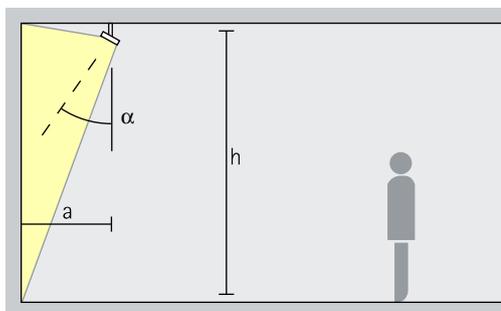


The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: $\alpha = 30^\circ$

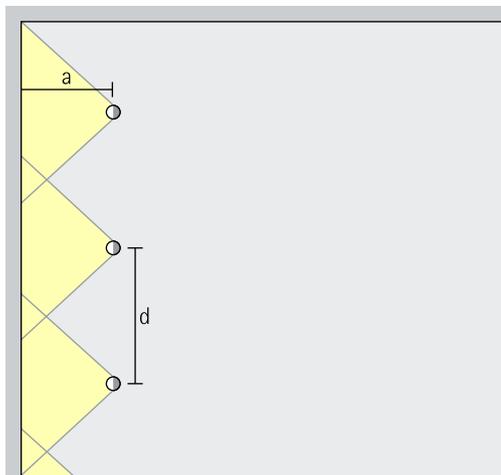
Parscan New InTrack for track 220-240V – Luminaire arrangement

Lens wallwashers
Wallwash



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



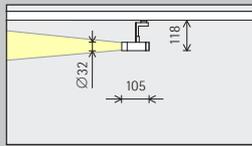
For good longitudinal uniformity, the luminaire spacing (d) of Parscan wallwashers may be up to 1.5 times the distance to the wall (a).

Arrangement: $d \leq 1.5 \times a$

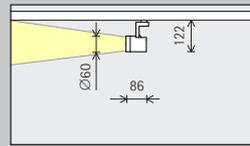
Optimal wall distances and luminaire spacing values for individual products are specified in the wallwasher tables at www.erco.com.

Parscan 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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8.1W/1149lm	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
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
Zoom spotlights	Lens wallwashers
Zoom spot	Wallwash
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

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

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

5.7W/615lm

Tunable white

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

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	

White	10,000 colours *
Black	

7W/709lm

RGBW

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

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	

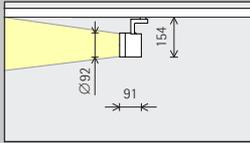
White	10,000 colours *
Black	

* available on request



Parscan InTrack for track 220-240V

Size



M
Ø 92mm

LED module Maximum value at 4000K CRI 92

18.2W/2585lm	4.2W/426lm (Narrow spot)	12.6W/1338lm
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Light colour

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

Tunable white

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		

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

Colour (housing)

	White		10,000 colours *
	Black		

Accessory

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

11.7W/1148lm

 RGBW

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

 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
 Casambi Bluetooth + DALI via Gateway	

 White	 10,000 colours *
 Black	

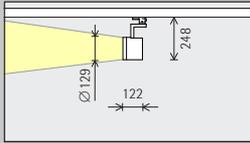
* available on request

www.erco.com/parscan-intrack



Parscan InTrack for track 220-240V

Size



L
Ø 129mm

LED module Maximum value at 4000K CRI 92

25.1W/3714lm	12.7W/1278lm (Narrow spot)
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20.0W/2099lm

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	

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

Control

On-board Dim	DALI
Casambi Bluetooth	

DALI
Casambi Bluetooth

Colour (housing)

White	10,000 colours *
Black	

White	10,000 colours *
Black	

Accessory

Lenses	Lens Units	Snoot
Filter	Honeycomb louvre	Barn doors

18.5W/1819lm

 RGBW

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

 DALI

 Casambi Bluetooth

 White	 10,000 colours *
 Black	

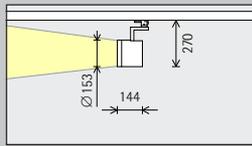
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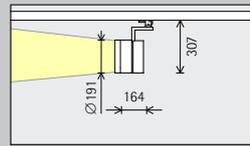


Parscan InTrack for track 220-240V

Size



XL
Ø 153mm



XXL
Ø 191mm

LED module
Maximum value
at 4000K CRI 92

33W/4874lm	16.9W/1704lm (Narrow spot)
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56.5W/8356lm	21.7W/2373lm (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
Lens wallwashers	
Wallwash	

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

Control

On-board Dim	DALI
Casambi Bluetooth	

On-board Dim	DALI
Casambi Bluetooth	

Colour (housing)

White	10,000 colours *
Black	

White	10,000 colours *
Black	

Accessory

Lenses	Lens Units	Snoot
Filter	Honeycomb louvre	Barn doors

* available on request

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