



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.



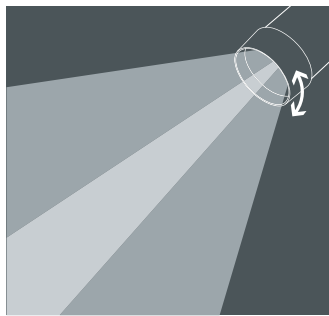
Design and application:
www.erco.com/parscan-intrack

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

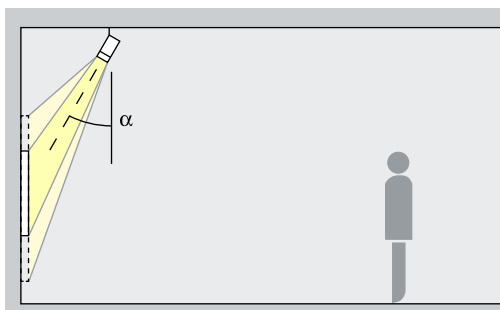


Works of art, merchandise and architectural details are effectively accentuated with Parscan. The ideal angle of tilt (α) for this is around 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Zoom spotlights

Zoom spot

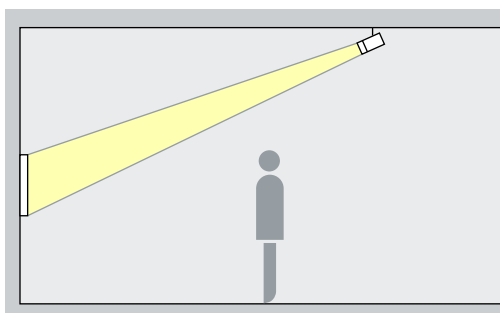


Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also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

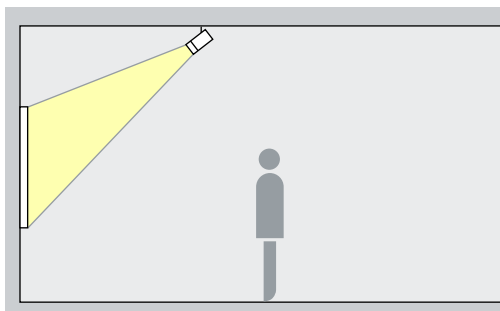
Arrangement: $\alpha = 30^\circ$

Contour spotlights

Narrow framing, Wide framing

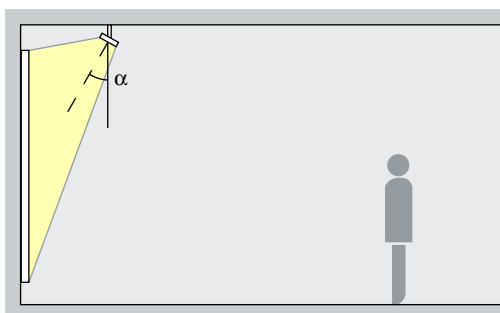


Contour spotlights generate freely adjustable, crisp-edged light beams. As a result fascinating effects can be created where pictures appear to illuminate from within. Select narrow framing to accurately illuminate small exhibits from a long distance and wide framing to accurately illuminate large exhibits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



Floodlights

Wide flood, Extra wide flood, Oval flood

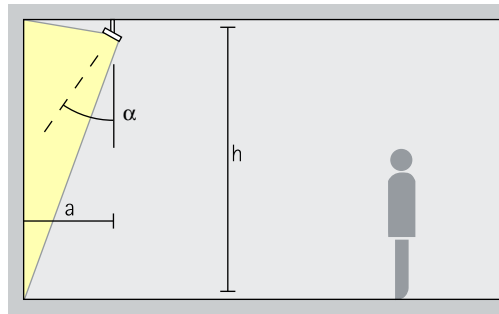


The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: $\alpha = 30^\circ$

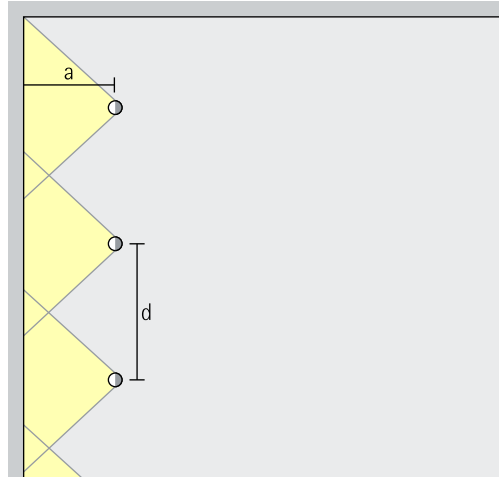
Parscan New InTrack for track 220-240V – Luminaire arrangement

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 $\alpha = 35^\circ$



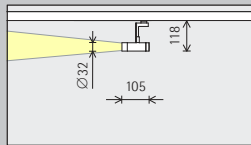
For good longitudinal uniformity, the luminaire spacing (d) of Parscan wallwashers may be up to 1.5 times the distance to the wall (a).

Arrangement: $d \leq 1.5 \times a$

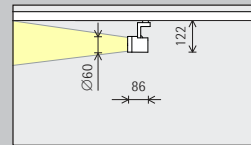
Optimal wall distances and luminaire spacing values for individual products are specified in the wall-washer tables at www.erco.com.

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
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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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Casambi Bluetooth + DALI via Gateway	On-board Dim

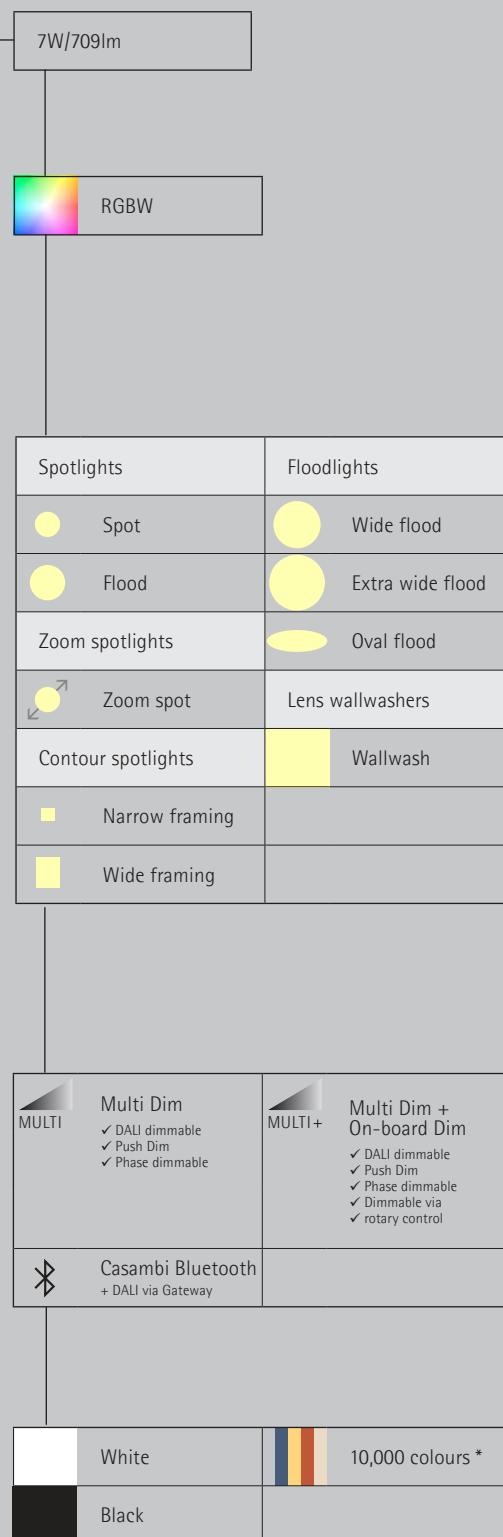
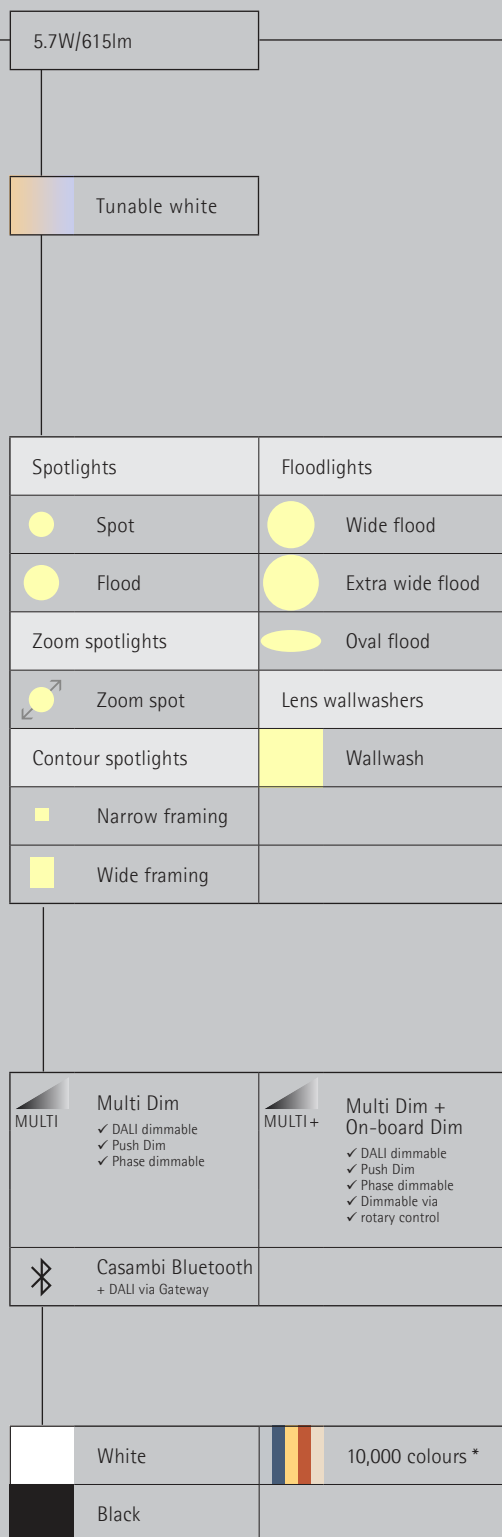
Colour (housing)

	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



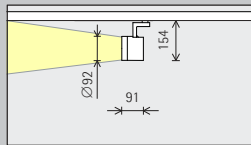
* available on request

www.ercoscan.com/parscan-intrack



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)
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12.6W/1338lm

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
Spot	Wide flood
Flood	Extra wide flood
Zoom spotlights	Oval flood
Zoom spot	Lens wallwashers
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

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Casambi Bluetooth + DALI via Gateway	

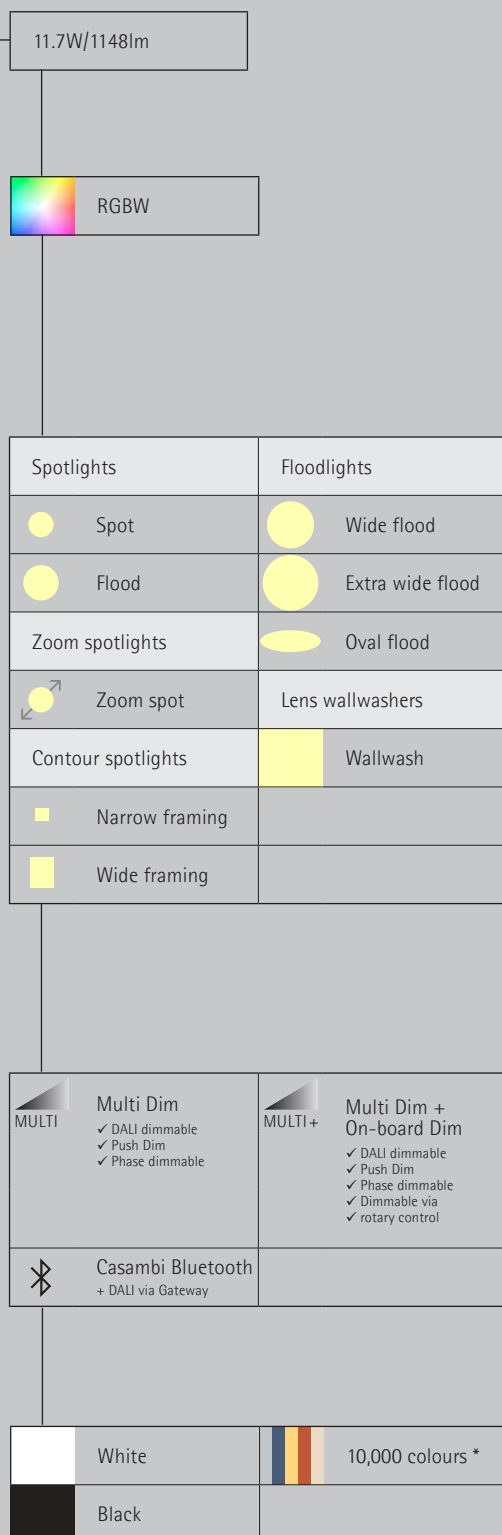
Colour (housing)

	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



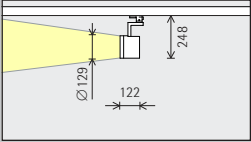
* available on request

www.ercoscan.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)

20.0W/2099lm

Light colour



2700K CRI 92



3500K CRI 92



3000K CRI 92



4000K CRI 92



3000K CRI 97



Tunable white

Light distribution

Spotlights



Narrow spot



Spot



Flood



Zoom spot



Narrow framing



Wide framing

Floodlights



Wide flood



Extra wide flood



Oval flood



Wallwash

Spotlights



Spot



Flood



Zoom spot



Narrow framing



Wide framing

Floodlights



Wide flood



Extra wide flood



Oval flood



Wallwash

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

10

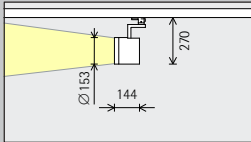
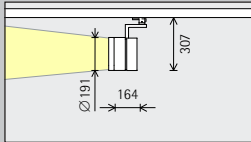


* available on request

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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)	56.5W/8356lm	21.7W/2373lm (Narrow spot)
Light colour	2700K CRI 92 3000K CRI 92 3000K CRI 97 3500K CRI 92 4000K CRI 92	2700K CRI 92 3000K CRI 92 3000K CRI 97 3500K CRI 92 4000K CRI 92		
Light distribution	Spotlights Narrow spot Spot Flood Lens wallwashers Wallwash Floodlights Wide flood Extra wide flood Oval flood Spotlights Narrow spot Spot Flood Lens wallwashers Wallwash Floodlights Wide flood Extra wide flood Oval flood	Spotlights Narrow spot Spot Flood Lens wallwashers Wallwash Floodlights Wide flood Extra wide flood Oval flood Spotlights Narrow spot Spot Flood Lens wallwashers Wallwash Floodlights Wide flood Extra wide flood Oval flood		
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		

	Lenses		Lens Units		Snoot
	Filter		Honeycomb louvre		Barn doors

* available on request

www.ercoweb.com/parscan-intrack

