

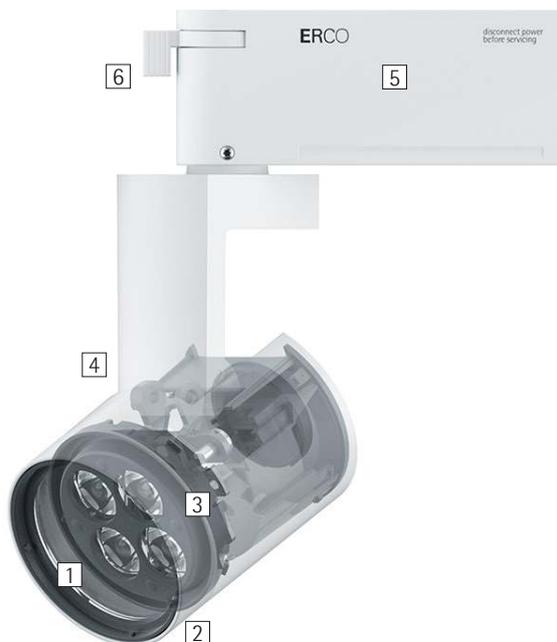


Parscan New OnTrack – Systematic diversity

The multifunctional spotlight system as a supplement to existing lighting installations

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 S and the design is timeless and minimalist. Connection via transadapter makes Parscan compatible with many existing dimmable light-

ing installations, in projects such as museums, shops or sacred spaces. Parscan spotlights can be customised with tool-free, interchangeable lens units and a wide range of accessories to fulfil a wide variety of tasks.



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) or tunable white (2700-7500K)
- Collimating lens made of optical polymer

4 Housing and bracket

- White (RAL9002) or black
- Cast aluminium, powder-coated
- Pivotal 0°-90°
- Bracket: cast aluminium/polymer; rotatable through 360° on adapter

5 Control gear

- On-board Dim, phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- On-board Dim version: rotary control for control of brightness on the luminaire
- Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

6 ERCO transadapter or ERCO DALI transadapter

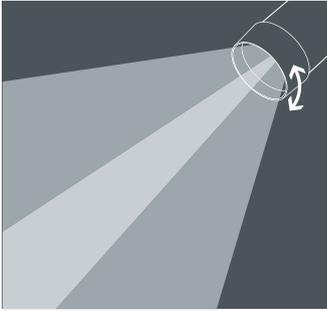
Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



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

Parscan New OnTrack for track 220-240V



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
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

- Zoom spotlight
- Contour spotlight
- Tunable white

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

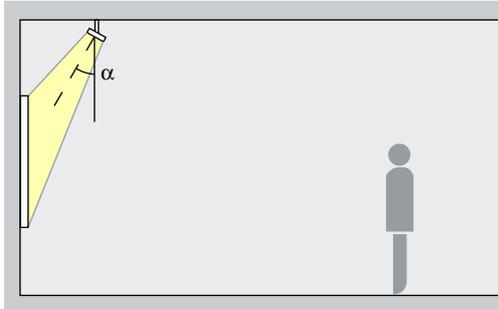
- Excellent thermal management
- EMC-optimised
- Various housing colours
- Various construction sizes
- Pivotable through 90°
- Accessory for maximum visual comfort

- On-board Dim
- Phase dimmable + On-board Dim
- DALI dimmable
- Casambi Bluetooth

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

Spotlights

Narrow spot, Spot, Flood

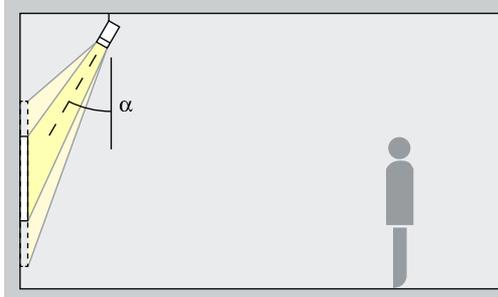


Works of art, merchandise and architectural details are effectively accentuated with Parscan. The ideal angle of tilt (α) for this is around 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also prevents shadows cast by the observer.

Arrangement: $\alpha = 30^\circ$

Zoom spotlights

Zoom spot

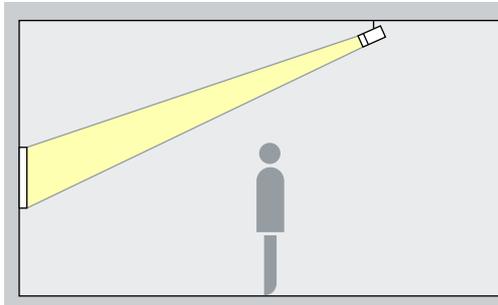


Zoom spotlights feature a continuously adjustable beam angle. With the spot to wide flood zoom range, smaller works of art can be accentuated effectively at an inclination angle (α) of approximately 30°. The object is modelled without distorting the effect as a result of excessive shadowing. It also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

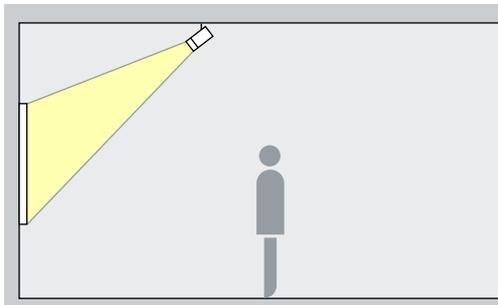
Arrangement: $\alpha = 30^\circ$

Contour spotlights

Narrow framing, Wide framing

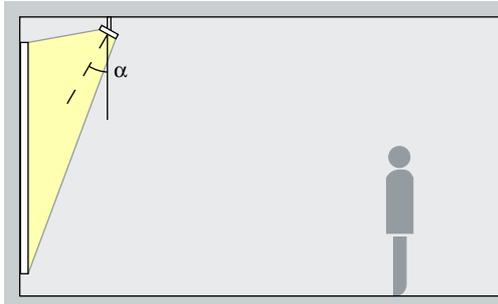


Contour spotlights generate freely adjustable, crisp-edged light beams. As a result fascinating effects can be created where pictures appear to illuminate from within. Select narrow framing to accurately illuminate small exhibits from a long distance and wide framing to accurately illuminate large exhibits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



Floodlights

Wide flood, Extra wide flood, Oval flood

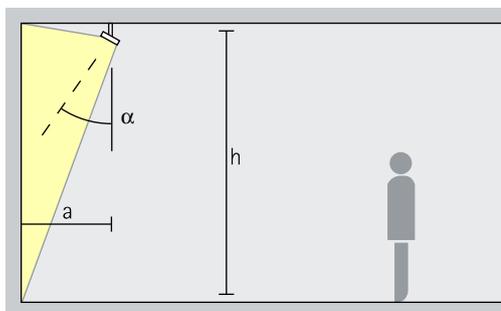


The ideal angle of tilt (α) for flood-lighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around 30°.

Arrangement: $\alpha = 30^\circ$

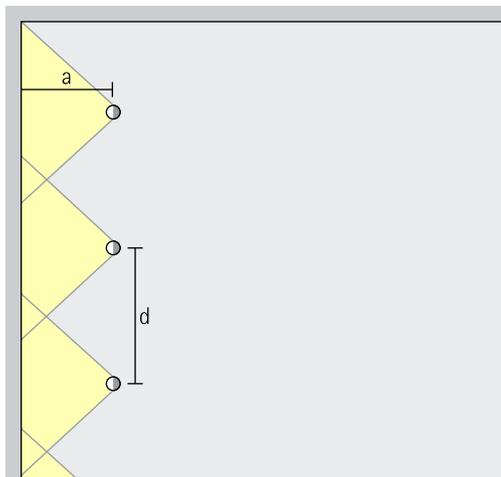
Parscan New OnTrack for track 220-240V – Luminaire arrangement

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 $\alpha = 35^\circ$



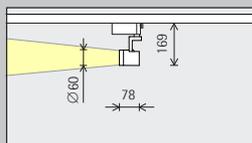
For good longitudinal uniformity, the luminaire spacing (d) of Parscan wallwashers may be up to 1.5 times the distance to the wall (a).

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 OnTrack for track 220-240V

Size



S
 Ø 60mm

LED module Maximum value at 4000K CRI 92

8.1W/1149lm	3.1W/339lm (Narrow spot)
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5.7W/615lm

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

	Phase dimmable + On-board Dim
	DALI
	Casambi Bluetooth

	DALI
	Casambi Bluetooth

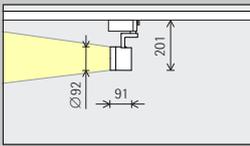
Colour (housing)

	White		10,000 colours *
	Black		

	White		10,000 colours *
	Black		

Accessory

	Lenses		Lens Units		Snoot
	Filter		Honeycomb louvre		Barn doors



M
 Ø 92mm

18.2W/2585lm	4,2W/426lm (Narrow spot)
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	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 92
	3000K CRI 97		

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		

	On-board Dim
	DALI
	Casambi Bluetooth

	White		10,000 colours *
	Black		

12.6W/1338lm

	Tunable white
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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		

* available on request

