



## Uniscan OnTrack – A minimalist and multi-talented

### **The specialist for galleries as a supplement to existing lighting installations**

Compact, flexible and easy to handle: Uniscan brings maximum quality of light to sophisticated art galleries and museums. The neutral, cylindrical shape blends into spaces of all styles, and connection via transadapter makes Uniscan compatible with many existing, dimmable lighting systems. Adaptability is a key feature of Uniscan, because every exhibition needs different light. Light distributions can be changed at any time thanks to the interchangeable

lens units. The darklight lenses give the Uniscan spotlights a magical appearance. Conversion filters as accessories adapt the spectrum. Equally versatile: dimming options and control interfaces, including wireless connectivity via Casambi Bluetooth.



## 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) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

### 4 Housing and bracket

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

### 5 Control gear

- Phase dimmable+On-board Dim, DALI dimmable or Casambi Bluetooth
- 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/uniscan-ontrack](http://www.erco.com/uniscan-ontrack)

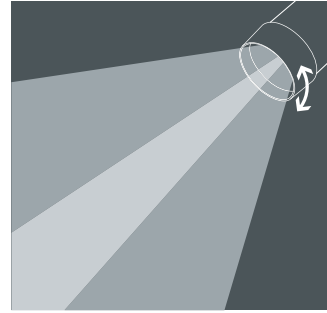
# Uniscan OnTrack for track 220-240V



**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.

## Special characteristics



Efficient darklight technology



Contour spotlight



Zoom spotlight



Efficient darklight technology



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 90°



Accessory for maximum visual comfort



Phase dimmable + On-board Dim



DALI dimmable

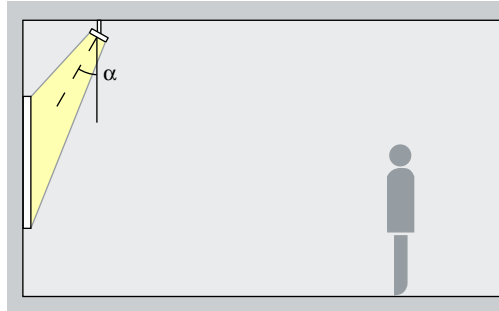


Casambi Bluetooth

# Uniscan OnTrack for track 220-240V – Luminaire arrangement

## Spotlights

Narrow spot, Spot, Flood



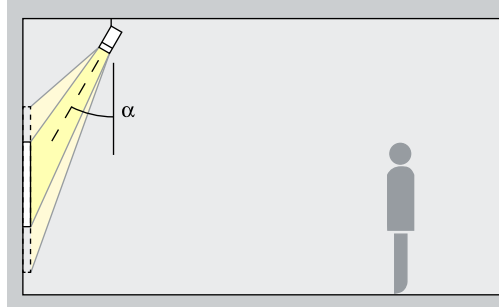
## Accentuation

Works of art, merchandise and architectural details are effectively accentuated with Uniscan. The ideal angle of tilt ( $\alpha$ ) for this is around  $30^\circ$ . 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 oval



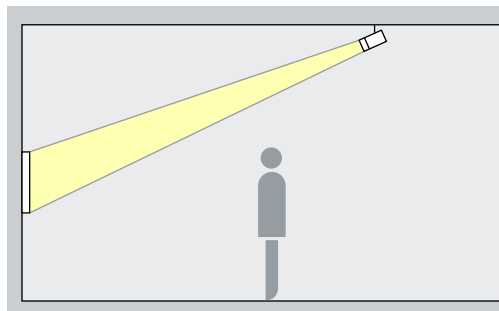
## Accentuation

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 ( $\alpha$ ) of approximately  $30^\circ$ . 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:  $\alpha = 30^\circ$

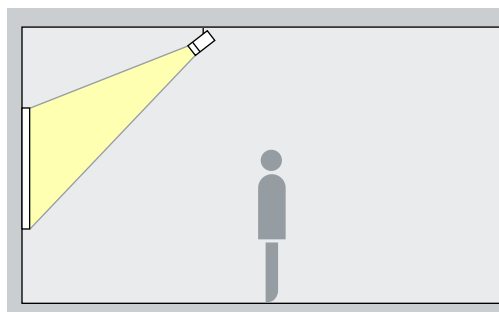
## Contour spotlights

Narrow framing, Wide framing



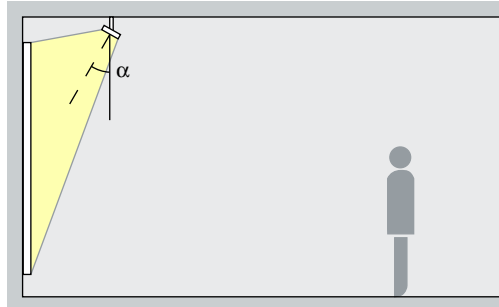
## Projection

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



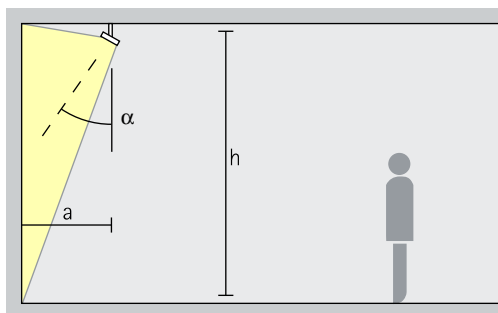
## Washlighting

The ideal angle of tilt ( $\alpha$ ) for floodlighting objects with a long, square shape, e.g. pictures, sculptures or merchandise displays, is around  $30^\circ$ .

Arrangement:  $\alpha = 30^\circ$

# Uniscan OnTrack for track 220-240V – Luminaire arrangement

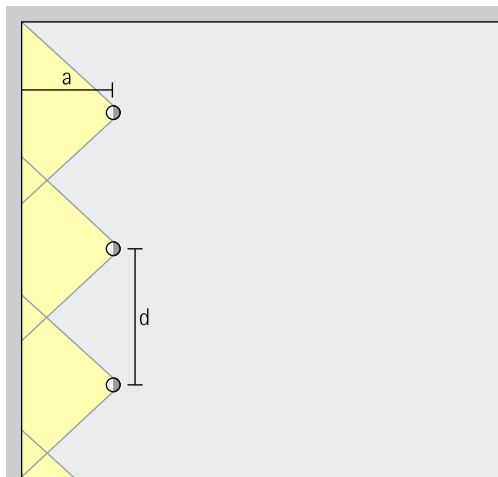
Lens wallwashers  
Wallwash



## Wallwashing

For uniform vertical lighting, the distance to the wall (a) of Uniscan lens 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  $\alpha = 35^\circ$



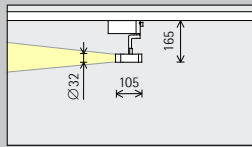
For good longitudinal uniformity, the spacing (d) of Uniscan lens wallwashers may be up to 1.5 times the distance to the wall (a).

Arrangement:  $d \leq 1.5 \times a$

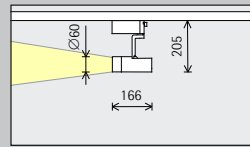
Optimal wall distances and luminaire spacing values for individual products are specified in the wall-washer tables at [www.erco.com](http://www.erco.com).

# Uniscan OnTrack for track 220-240V

## Size



**XS**  
Ø 32mm



**S**  
Ø 60mm

## LED module Maximum value at 4000K CRI 82

2W/262lm	3.1W/369lm (Narrow spot)
3.1W/369lm	

8.1W/1048lm	3.1W/369lm (Narrow spot)
12.4W/1476lm	

## Light colour

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

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	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		Lens wallwashers	
	Zoom spot		Wallwash
	Zoom oval		

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

## Control

	Phase dimmable + On-board Dim
	DALI
	Casambi Bluetooth

	Phase dimmable + On-board Dim
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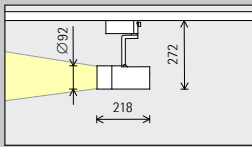
## Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *







## Accessory













	Lenses		Lens Units		Snoot
	Filter		Honeycomb louvre		Barn doors







M  
 Ø 92mm

14.1W/1843lm	4.2W/464lm (Narrow spot)
21.7W/2582lm	

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

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	

	Phase dimmable + On-board Dim
	DALI
	Casambi Bluetooth

	White		Silver
	Black		10,000 colours *

\* available on request

Article numbers and planning data:  
[www.erco.com/022635](http://www.erco.com/022635)

Design and application:  
[www.erco.com/uniscan-ontrack](http://www.erco.com/uniscan-ontrack)

