



Cantax – Plain and simple

Cantax is the ideal tool for the illumination of shops, restaurants and art

Cantax produces the perfect beam – brilliant, evenly bright and with a soft edge. The technology originates from ERCO: innovative Spherolit technology, which is easily exchanged for different applications, making Cantax the ideal tool to meet the highest lighting standards in areas ranging from residential buildings and shops through to restaurants and art. The LED spotlights are just as suitable for exhibitions requiring light without damaging infrared or

ultraviolet components to satisfy stringent conservational criteria.



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 Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood adjustable through 90°

2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

3 Housing and bracket

- White (RAL9002), black or silver
- Cast aluminum, powder-coated
- 0°-90° tilt
- Bracket on turning transadapter rotatable through 360°
- Internal wiring
- Frame: polymer

4 Control gear

- Trailing edge dimmable+On-board Dim
- Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

5 ERCO turning transadapter for 2-circuit track

Variants on request

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



Design and application:
www.erco.com/cantax

Cantax for 2-circuit track



Small luminaire dimensions
Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

Special characteristics



Small luminaire dimensions



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colors



Excellent thermal management



EMC-optimized



Various housing colors



Pivotal through 90°



Accessory for maximum visual comfort

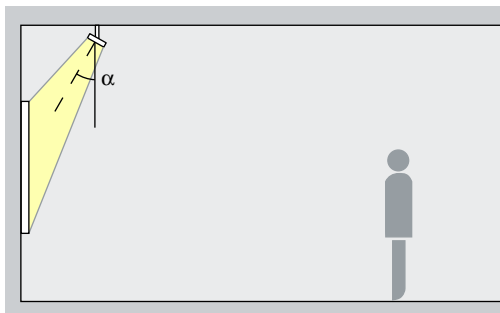


Trailing edge dimmable +
On-board Dim

Cantax for 2-circuit track – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood



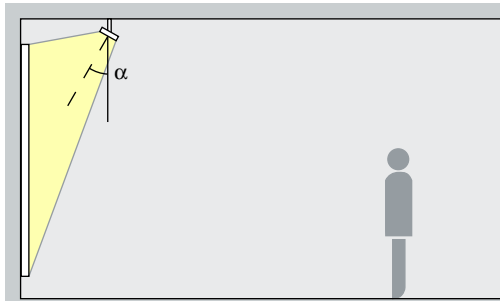
Accentuation

Cantax spotlights accentuate art-work, products and architectural details effectively. 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: $\alpha = 30^\circ$

Floodlights

Wide flood, Extra wide flood, Oval flood



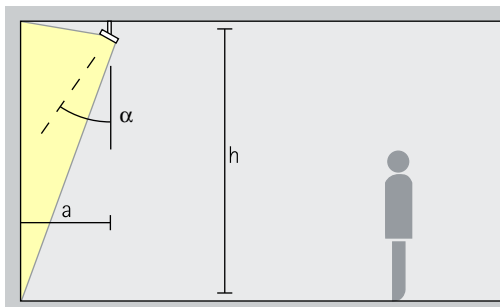
Washlighting

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: $\alpha = 30^\circ$

Lens wallwashers

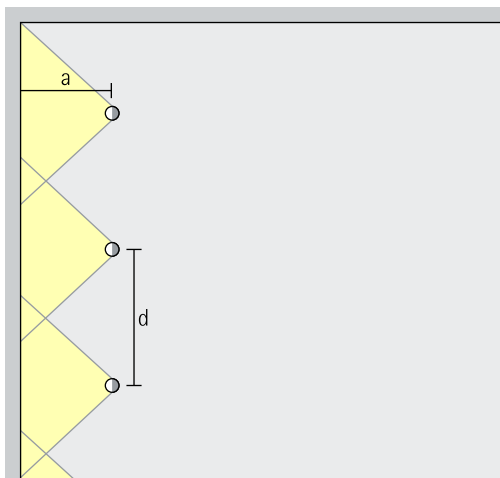
Wallwash



Wallwashing

For uniform vertical illuminance, the distance (a) of Cantax lens wallwashers from the wall should be around one third of the room height (h). This results in an angle of tilt (α) of approx. 35° .

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



For good longitudinal uniformity, the spacing (d) of Cantax lens wallwashers may be up to 1.2 times the offset from the wall (a).

Arrangement: $d \leq 1.2 \times a$

The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

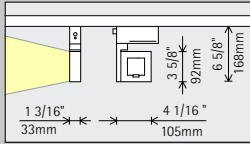
Waddington
Custot, London.
Photography:
Lukas Palik, Düs-
seldorf.



Palazzo Barberini,
Rom. Architekt:
Carlo Maderno
(~1556-1629),
Francesco Borro-
mini (1599-1667),
Gian Lorenzo
Bernini (1598-
1680). Lichtpla-
nung: Adriano
Caputo, Studioillu-
mina, Rom.

Cantax for 2-circuit track

Construction size 4 1/16"



LED module
Maximum value
at 4000K CRI 82

6W/825lm	2W/275lm (Narrow spot)
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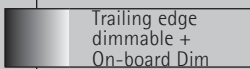
Light color

	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			
	Wallwash		

Control



Color (housing)

	White		Silver
	Black		10,000 colors *

Accessories

	Lenses
	Snoots



PS Speicher Einbeck, Einbeck, Germany.
Photography: Dirk Vogel, Altena

* available on request

Article numbers and planning data:
www.erco.com/011130-us

Design and application:
www.erco.com/cantax



