



Logotec – The multi tool for lighting design

Compact luminaires for economic accent lighting, flood-lighting and wallwashing in salesrooms

Brightness contrasts direct the view of the customer in the shop and highlight the appeal of the products on offer. This is the domain of Logotec. System design is on a par with energy efficiency. Mounted flexibly on track, this spotlight efficiently accentuates clothing, jewellery or foodstuffs. Thanks to interchangeable lenses, it even masters alternative tasks just as comfortably – the floodlighting

of large objects or the uniform illumination of walls or shelving. As a characteristic aspect, the Logotec features a flat design thanks to highly efficient LED photometrics.



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 aluminium, powder-coated
- 0°-90° tilt
- Bracket on adapter rotatable through 360°
- Front cover: polymer, black

4 Control gear

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

5 ERCO 3-circuit adapter or ERCO DALI adapter

Variants on request

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



Design and application:
www.erco.com/logotec



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



Excellent thermal management



Switchable



Efficient Spherolit technology



EMC-optimised



Phase dimmable + On-board Dim



Different light distributions



Various housing colours



DALI dimmable



Different light colours



Various construction sizes



Pivotable through 90°

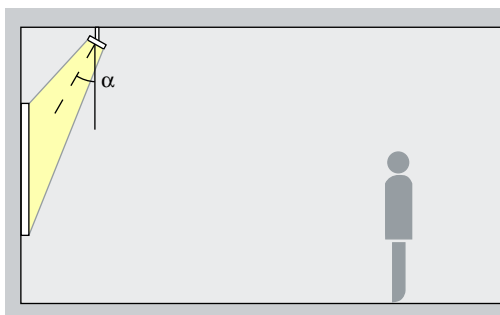


Accessory for maximum visual comfort

Logotec for track 220-240V – Luminaire arrangement

Spotlights

Narrow spot, Spot, Flood



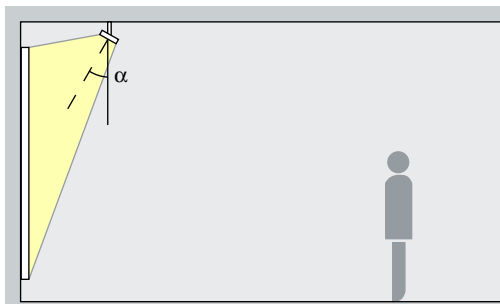
Accentuation

Logotec 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



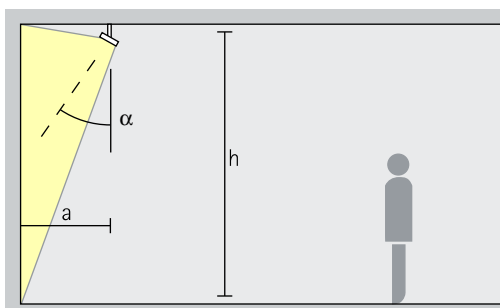
Washlighting

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

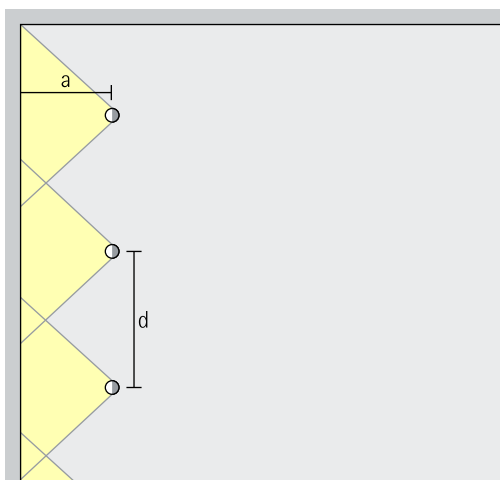
Wallwash



Wallwashing

For uniform vertical illuminance, the distance (a) of Logotec 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 Logotec lens wallwashers may be up to 1.2 times the offset from the wall (a).

Arrangement: $d \leq 1.2 \times a$

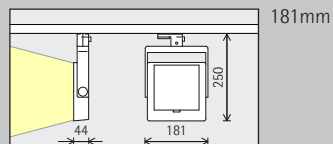
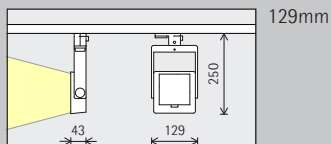
The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

Dussmann das
KulturKaufhaus
GmbH, Berlin.
Interior design:
ROBERTNEUN
Architekten, Berlin.
Photographer:
Rudi Meisel, Ber-
lin.



Logotec for track 220-240V

Construction size



LED module Maximum value at 4000K CRI 82

12W/1650lm	4W/550lm (Narrow spot)
------------	------------------------

24W/3300lm	12W/1650lm (Narrow spot)
------------	--------------------------

Light colour

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

	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

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

Control

	Switchable
	Phase dimmable + On-board Dim
	DALI

	Switchable
	Phase dimmable + On-board Dim
	DALI

Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

Accessories

	Lenses
	Snoots



Starbucks Coffee House, Berlin.
Architecture: Starbucks Construction Dept. Hanko Geissler. Photography: Edgar Zippel, Berlin.

* available on request

Article numbers and planning data:
www.erco.com/013498

Design and application:
www.erco.com/logotec



