



Iku – for track

Versatile and efficient downlight for track

How to complete lighting concepts with track: Iku downlights provide for convenient, efficient and flexible general lighting. Iku housing's rounded contours combine two lens optics that are radiating vertically downwards as well as the control gear. A design that is a perfect fit with cylindrically shaped spotlights such as Optec; and a solution that is as economical as it is sustainable. The advanced and efficient lighting technology saves energy, and the construction is designed for a service life of at

least 20 years in line with our Lighting Durability specifications. Iku maintains long-term flexibility with its ability to be freely positioned on the track, its interchangeable lenses for three different light distributions and digital connectivity.



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 Fresnel lenses

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood
- Oval flood adjustable through 90°

2 ERCO LED-module

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

3 Anti-glare cone

- Silver-coated or black

4 Housing

- White (RAL9002) or black
- Cast aluminium, powder-coated
- Rotatable through 360° on adapter
- bottom cover made of polymer

5 Control gear

- On-board Dim, DALI dimmable or Casambi Bluetooth
- On-board Dim version: rotary control for control of brightness on the luminaire

6 ERCO 3-circuit adapter or ERCO DALI adapter

Variants on request

- Housing: 10,000 further colours
- Anti-glare cone: gold, silver matt, champagne or copper matt-coated and other colours

Please contact your ERCO consultant.



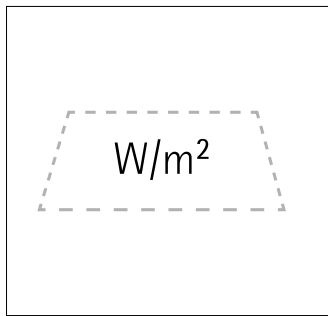
Design and application:
www.erco.com/iku-t

Iku for track 220-240V



Elegant light emission

The special geometry of the lens ensures a uniformly illuminated light opening with high visual comfort.



Efficient ambient lighting

Iku enables efficient ambient lighting with a low power density of 0.88W/m^2 at 100lx – reducing connected load and lowering energy costs.



Particularly efficient

High system luminous efficacy is a prerequisite for funding schemes in many countries. ERCO track downlights are available with a luminous efficacy of over 100lm/W .



Swap lenses in no time at all

Change the light distributions in a few simple steps by replacing the lenses. For example, change your lighting from round to oval light cones.



Perfect in combination with round spotlights

Track downlights with a round design can be perfectly combined with round spotlights and wallwashers: for holistic lighting concepts from the track.

Special characteristics



Improved visual comfort



W/m^2



$>100\text{lm/W}$



Change light distribution without the use of tools



Perfect in combination with round spotlights



ERCO mid-power LEDs



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Easy installation



On-board Dim



DALI dimmable

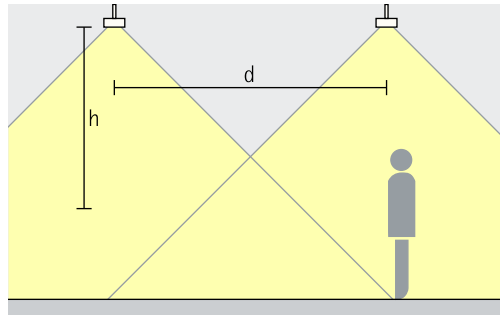


Casambi Bluetooth

Iku for track 220-240V – Luminaire arrangement

Downlights

Wide flood, Extra wide flood



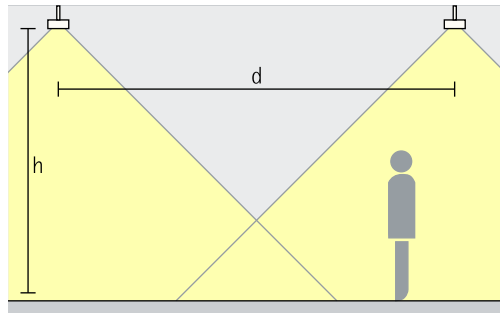
As an approximate luminaire distance (d) between two luminaires, the height (h) of the luminaire above the working plane can be used. The intersecting beams produce excellent uniformity. The recommended offset from the wall is half the luminaire spacing.

Rough guide: $d \leq 1.5 \times h$

Application area: as ambient lighting in the room and as flexible illumination of office workplaces.

Downlights oval flood

Oval flood



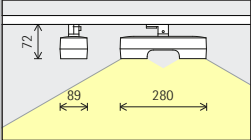
Mounted in a row, the oval beams generate linear illumination, for example for circulation areas in the office or for hallways. As an approximate luminaire distance (d) between two luminaires, 1.5 times the height (h) of the luminaire above the working plane can be used.

Rough guide: $d \leq 1.5 \times h$

Thanks to the freely rotatable lens, the oval light distribution can be flexibly aligned.

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Construction size



280mm

LED module

Maximum value
at 4000K CRI 92

18W/3312lm

Light colour

	2700K CRI 92		3500K CRI 92
	3000K CRI 92		4000K CRI 92

Light distribution

Downlights	Downlights oval flood
 Wide flood	 Oval flood
 Extra wide flood	

Control

 On-board Dim

 DALI

 Casambi Bluetooth

Colour (housing)

	White		10,000 colours *
	Black		

Colour (anti-glare cone)

	Silver		10,000 colours *
	Black		

Accessories

 Lenses

* available on request

www.ercos.com/iku-t

