



## 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 matt, silver matt, champagne matt or copper matt-coated and other colours
- Please contact your ERCO consultant.



Design and application:  
[www.erco.com/iku-t](http://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.



**General lighting with efficiency boost**  
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
- >100lm/W
- Change light distribution without the use of tools
- Perfect in combination with round spotlights

- ERCO mid-power LEDs
- Different light colours

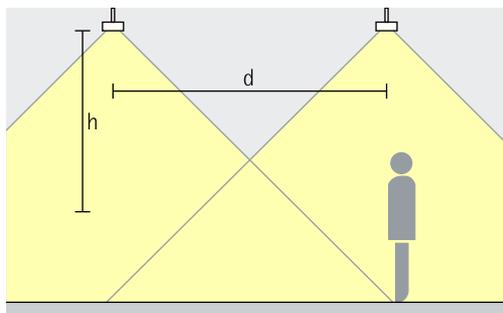
- Excellent thermal management
- EMC-optimised
- Various housing colours
- Easy installation

- On-board Dim
- DALI dimmable
- Casambi Bluetooth

## Iku for track 220-240V – Luminaire arrangement

### Downlights

Wide flood, Extra wide flood



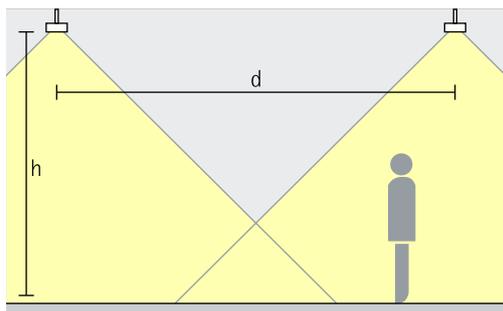
As an approximate luminaire distance ( $d$ ) between two luminaires, the height ( $h$ ) of the luminaire above the working plane can be used. The intersecting beams produce excellent uniformity. The recommended offset from the wall is half the luminaire spacing.

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.

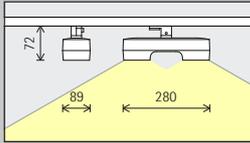
Rough guide:  $d \leq 1.5 \times h$

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



# Iku for track 220-240V

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.erco.com/iku-t](http://www.erco.com/iku-t)



