



Iku Work – Efficient, economical and standard compliant

Downlights for office workplace lighting

Iku Work is the ideal downlight for standard-compliant, zonal lighting of office workstations. Iku Work also features oval wide flood light distribution with $UGR < 19$ especially for rows of workstations. The wide flood distribution uniformly illuminates individual desks. Simple installation, high luminous efficacy and the long service life of the recessed downlights are winning factors in terms of cost efficiency. For office concepts in the sense of Human Centric Lighting, the combination of Iku Work stand-

ard-compliant downlights with wallwashers from the Iku product range is ideal. In this way, highly attractive atmospheres in offices are created through vertical lighting.



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
- Fresnel lens: Wide flood
- Spherolit lens: Oval wide flood
- Oval wide flood rotatable through 360°

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 white (RAL9002)

4 Mounting ring

- Covered mounting detail
- Fixing for ceiling thicknesses of 1-25mm (size 4) or 1-30mm (size 5-7)
- Polymer, white
- For flush mounting: mounting ring to be ordered separately, fixing for ceiling thicknesses of 12.5-25mm

5 Housing

- Cast aluminium, designed as heat sink
- Rotatable through 360°

6 Control gear

- DALI dimmable

Variants on request

- Anti-glare cone: gold, silver matt, champagne or copper matt-coated and other colours
 - Connection: 5-pole plug with connection cable (Wago or Wieland)
 - Mounting ring: 10,000 further colours
- Please contact your ERCO consultant.



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

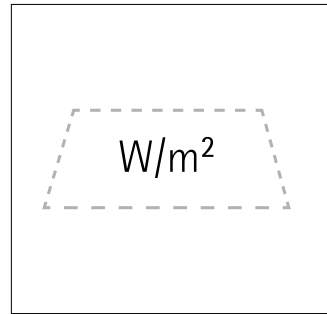
Iku Work Recessed luminaires



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



Suitable for office workstations
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.



Efficient ambient lighting
Iku Work enables efficient ambient lighting with a low power density of 0.68W/m^2 at 100lx – reducing connected load and lowering energy costs.



Covered or flush mounting detail
As standard, all recessed luminaires have overlapping installation details. Flush mounting rings are available as accessories.

Special characteristics



Elegant light emission



Suitable for office workstations



W/m^2



Flush or covered mounting detail



ERCO mid-power LEDs



Different light distributions



Oval wide flood freely rotatable



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Shallow recess depth



Lockable



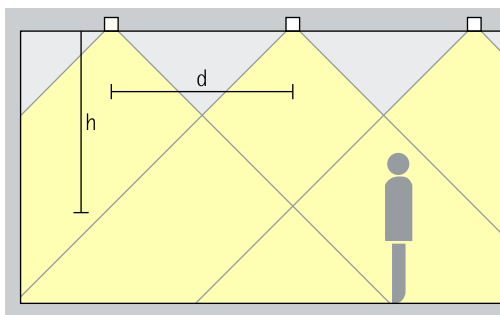
Tool-free mounting



DALI dimmable

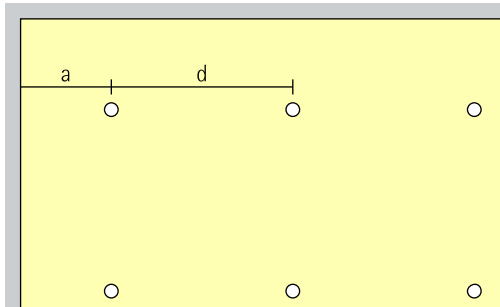
Iku Work Recessed luminaires – Luminaire arrangement

Downlights Wide flood



For the uniform illumination of office workstations, the luminaire spacing (d) between two Iku Work downlights may be up to 1.5 times the height (h) of the luminaire above the working plane (rough guide).

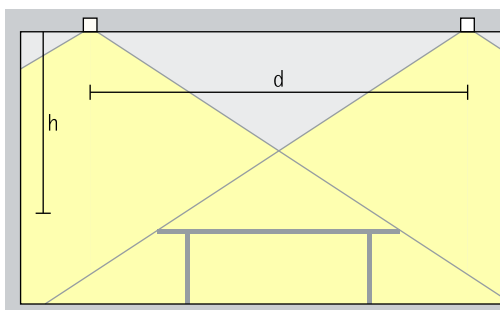
Arrangement: $d \leq 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Downlights oval wide flood Oval wide flood

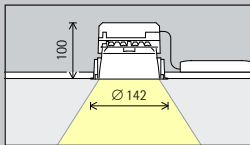


To achieve high uniformity and good facial recognition when illuminating office workstations, the luminaire spacing of Iku Work downlights with oval wide flood light distribution (d) can be up to 1.5 times the height (h) of the luminaire above the working plane.

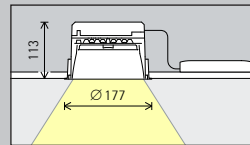
Arrangement: $d \leq 1.5 \times h$

Iku Work Recessed luminaires

Construction size Size 4



Construction size Size 5



LED module
Maximum value
at 4000K CRI 92

9W/1615lm

16.6W/3198lm

Light colour

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

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

Light distribution

Downlights	Downlights oval wide flood
Wide flood	Oval wide flood

Downlights	Downlights oval wide flood
Wide flood	Oval wide flood

Control

DALI

DALI

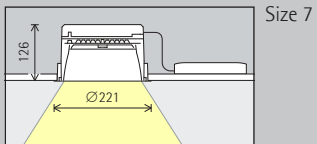
Colour
(anti-glare cone)

	White
	Silver





	White
	Silver



Accessories

	Concrete mounting enclosure		Spacer plate		Compensation set
	Mounting ring		Mounting plate for panelled ceilings		Cover ring



23.2W/4296lm

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

Downlights		Downlights oval wide flood	
	Wide flood		Oval wide flood

 DALI

	White
	Silver

Subject to technical changes.
For current photometric data see the data sheets
at www.erco.com.

www.erco.com/iku-work

