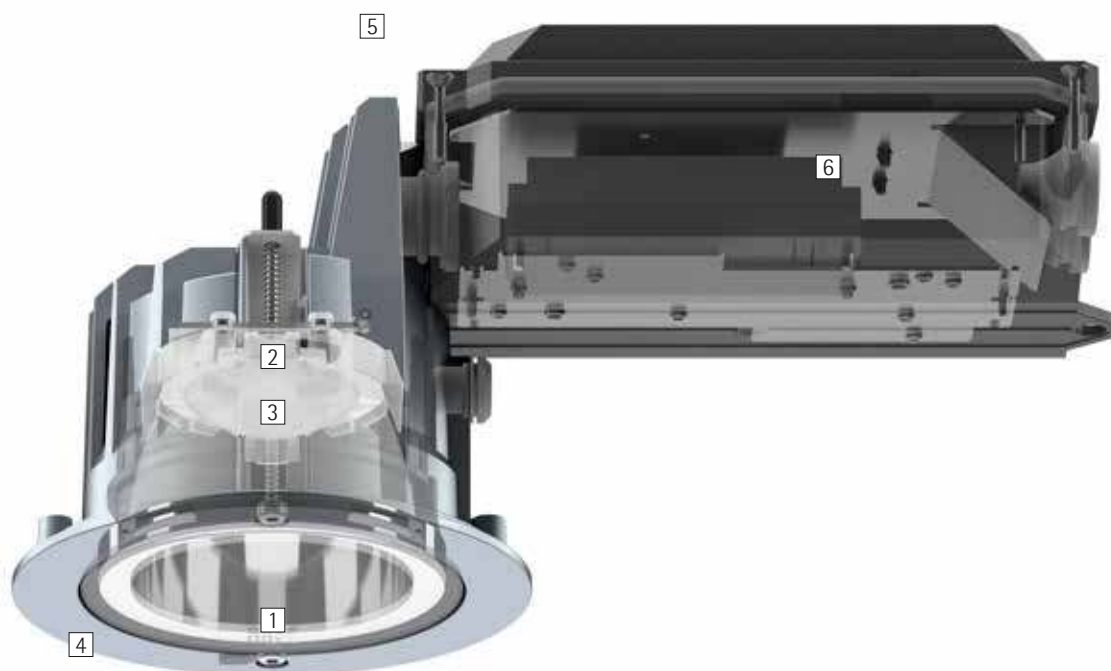




Iku – Universal for architectural lighting

With Iku recessed luminaires, you can also realize ceiling-integrated lighting in environments exposed to weather or special stresses, for example in covered entrance areas or underpasses. The downlights and wallwashers harmonize perfectly with the other luminaires in the extensive Iku family – for lighting concepts that consistently combine interior and exterior. The extremely high level of visual comfort also minimizes unwanted emissions into the night-time environment.



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 lenses: Wide flood, Extra wide flood or Oval flood
- Lens system: Wallwash

2 ERCO LED module

- Mid-power LEDs (downlights) or High-power LEDs (wallwashers): warm white (3000K) or neutral white (4000K)
- Downlights: collimating lens made of optical polymer

3 Anti-dazzle cone

- Silver-coated or black

4 Cover ring

- Corrosion-resistant cast aluminum, No-Rinse surface treatment
- Silver, double powder-coated
- Non-reflective safety glass

5 Housing

- Cast aluminum, powder-coated silver
- Mounting with 2- or 3-point contact and screw fastening. Max. ceiling thickness 1 3/16"

6 Control gear

- 0-10V dimmable or Casambi Bluetooth

Variants on request

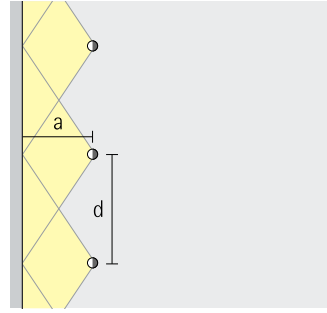
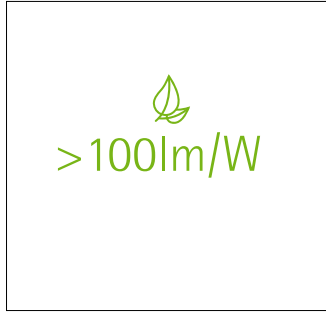
- Mid-power LEDs (downlights): 2700K, 3000K, 3500K, or 4000K with CRI 92
- High-power LEDs (wallwashers): 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Anti-dazzle cone: gold matt, silver matt, champagne matt, or copper matt-coated and other colors

Please contact your ERCO consultant.



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

Iku Recessed luminaires







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


Economical lighting
Iku downlights, offering up to XYZlm/W, ensure superior efficiency for ambient lighting. Iku is the ideal choice for both new installations and refurbishments, adapting dynamically to your needs.


Wide luminaire spacing with wallwashing
With ERCO's advanced lighting technology, Iku luminaires can be installed at up to 1.5 times the wall spacing, providing excellent light distribution.


Special characteristics


-  Elegant light emission
-  >100lm/W
-  Wide luminaire spacing with wallwashing


 ERCO Mid-power LEDs / ERCO High-power LEDs


 Different light distributions

 Different light colors

 Excellent thermal management

 EMC-optimized

 Various construction sizes

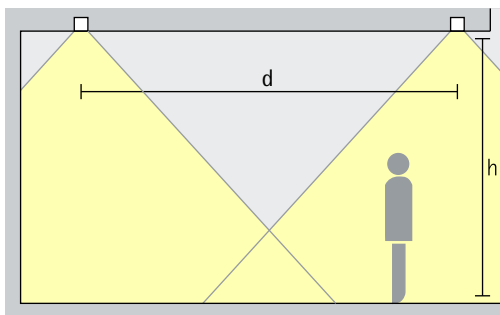
 0-10V dimmable

 Casambi Bluetooth

Iku Recessed luminaires – Luminaire arrangement

Downlights

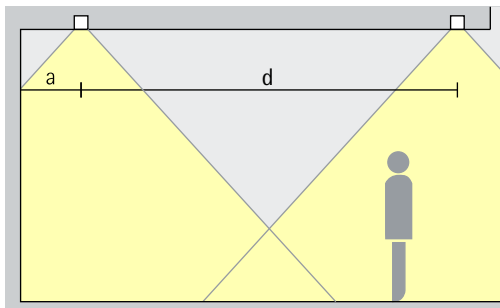
Wide flood, Extra wide flood



General lighting

For uniform ambient lighting, the approximate distance (d) between two Iku downlights may be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: $d \leq 1.5 \times h$

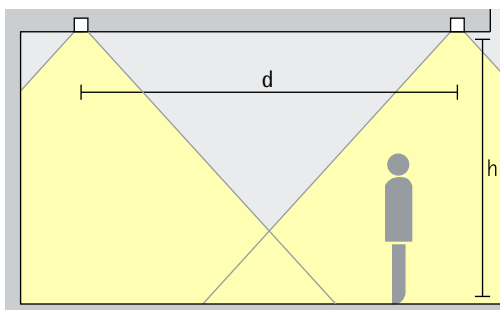


The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Downlights oval flood

Oval flood

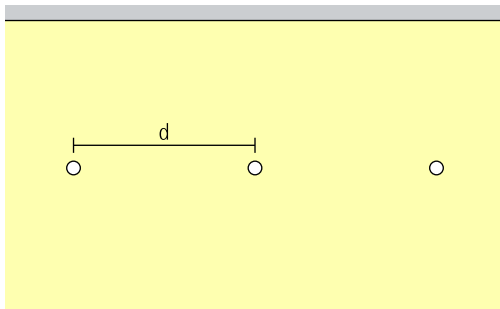


Linear lighting

For linear arrangements and uniform lighting, the approximate distance (d) between two Iku downlights may be up to 1.5 times the height (h) of the luminaire above the working plane.

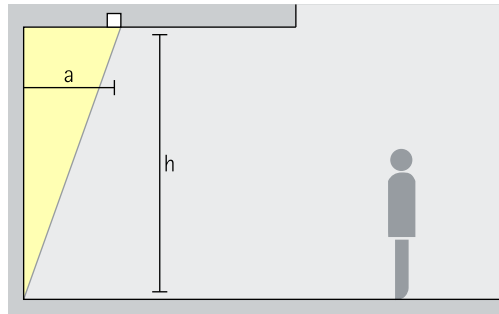
Arrangement: $d \leq 1.5 \times h$

Area of application: covered traffic routes



Iku Recessed luminaires – Luminaire arrangement

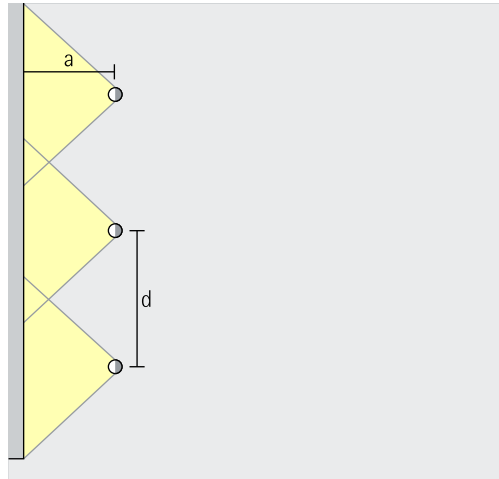
Lens wallwashers
Wallwash



Wallwashing

For uniform vertical lighting, the distance to the wall (a) of Iku lens wallwashers should be around one third the room height (h).

Arrangement: $a = 1/3 \times h$

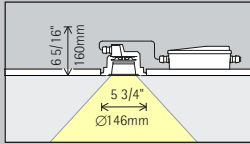


For good longitudinal uniformity, the distance (d) of Iku lens wallwashers may be up to 1.3 times the distance to the wall (a).

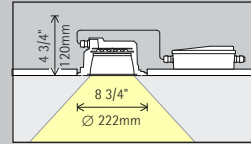
Arrangement: $d \leq 1.3 \times a$

Iku Recessed luminaires

Construction size



Size 3



Size 5

LED module
Maximum value
at 4000K CRI 82

4.8W/1058lm
8.7W/1786lm

16.1W/3528lm	17W/2339lm (Wallwash)
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Light color

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

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

Light distribution

Downlights		Downlights oval flood	
	Wide flood		Oval flood
	Extra wide flood		Lens wallwashers
			Wallwash

Downlights		Downlights oval flood	
	Wide flood		Oval flood
	Extra wide flood		Lens wallwashers
			Wallwash

Control

0-10V	0-10V
	Casambi Bluetooth

0-10V	0-10V ***
	Casambi Bluetooth

Color (housing)

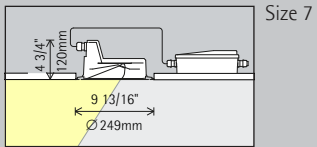
	Silver
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	Silver
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Color (anti-glare cone)

	Silver		10,000 colors *
	Black		

	Silver		10,000 colors *
	Black		



Size 7

22.7W/3118lm

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

Lens wallwashers	
	Wallwash

0-10V 0-10V

Silver

	Silver		10,000 colors *
	Black		

* available on request
 ** only for Wide flood, Extra wide flood and Oval flood distribution
 *** only for wallwash distribution

Article numbers and planning data:
www.erco.com/029201-us

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





For lighting concepts that combine the indoors and outdoors. Iku outdoor recessed luminaires. Visualization: Electric Gobo