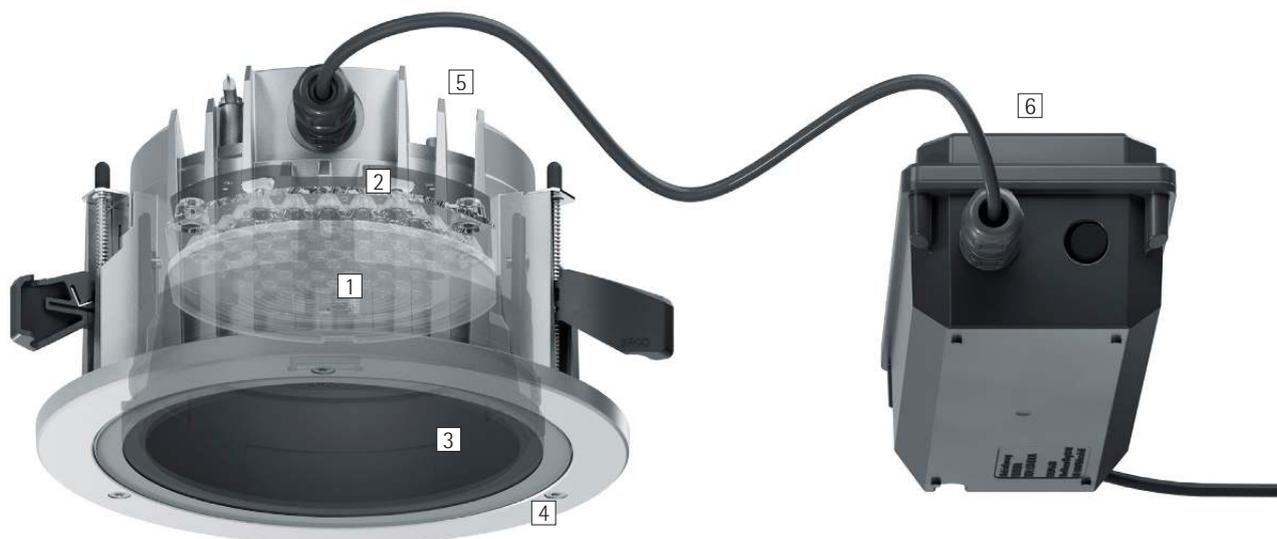




Iku – Universal for architectural lighting

With Iku recessed luminaires, you can also realise ceiling-integrated lighting in environments exposed to weather or special stresses, for example in covered entrance areas or underpasses. The downlights and wallwashers harmonise perfectly with the other luminaires in the extensive Iku family – for lighting concepts that consistently combine interior and exterior. The separate control gear is permanently connected by a cable for easy installation. Optional DALI or Casambi Bluetooth interfaces offer digital connectivity. In Tunable White, Iku recessed luminaires

allow for HCL designs that take all “three A’s” – activity, atmosphere and architecture – equally into account. The extremely high level of visual comfort also minimises 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), neutral white (4000K) or Tunable white (2700-6500K)
- Downlights: collimating lens made of optical polymer

3 Anti-glare cone

- Silver-coated or black

4 Cover ring

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

5 Housing

- Cast aluminium, powder-coated silver
- Mounting with 2- or 3-point contact and screw fastening, for ceiling thicknesses 1-30mm

6 Control gear

- Switchable, DALI dimmable or Casambi Bluetooth

Variants on request

- Mid-power LEDs (downlights): 2700K or 3500K, with CRI 92
 - High-power LEDs (wallwashers): 3000K CRI 97 or 2700K, 3500K with CRI 92
 - 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-o

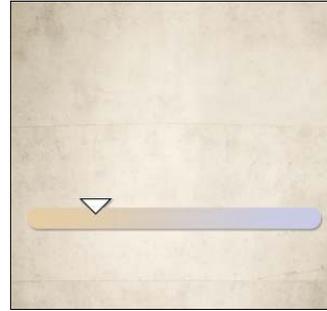
Iku Recessed luminaires



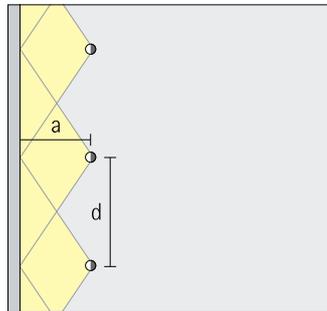
Elegant light emission
The special geometry of the lens ensures a uniformly illuminated light opening with high visual comfort.



Economical lighting
Iku downlights, offering up to 120lm/W, ensure superior efficiency for ambient lighting. Iku is the ideal choice for both new installations and refurbishments, adapting dynamically to your needs.



Tunable white technology
Easily modify the colour temperature to suit any setting. Luminaires with tunable white allow for scenographic lighting concepts.



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.

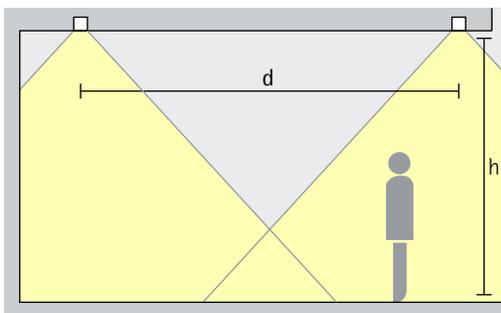
Special characteristics	
	Elegant light emission
	>120lm/W
	Tunable white
	Wide luminaire spacing with wallwashing

	ERCO Mid-power LEDs / ERCO High-power LEDs		Excellent thermal management		Switchable
	Different light distributions		EMC-optimised		DALI dimmable
	Different light colours		Various construction sizes		Casambi Bluetooth

Iku Recessed luminaires – Luminaire arrangement

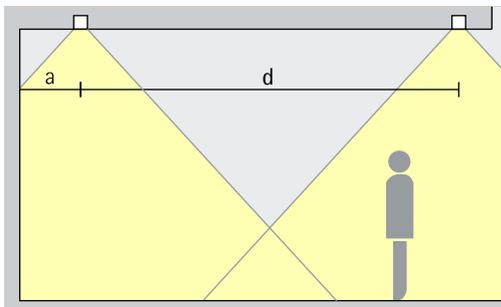
Downlights

Wide flood, Extra wide flood



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

Arrangement: $d \leq 1.5 \times h$

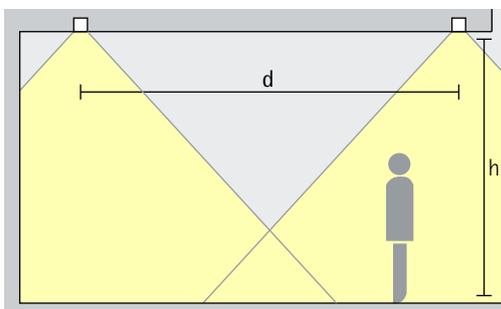


The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Downlights oval flood

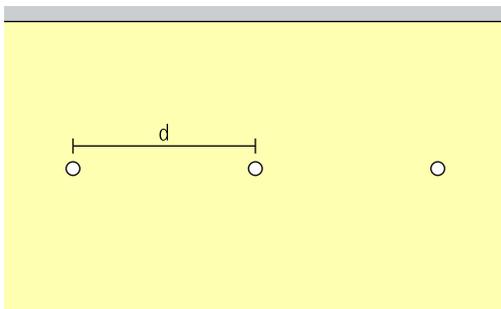
Oval flood



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

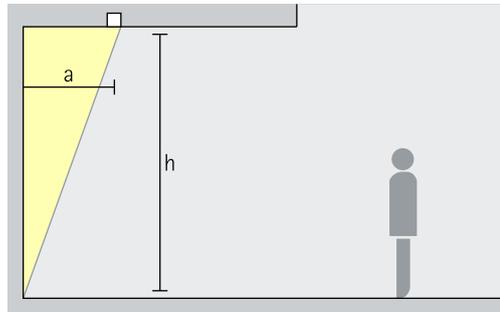
Arrangement: $d \leq 1.5 \times h$

Area of application: covered traffic routes



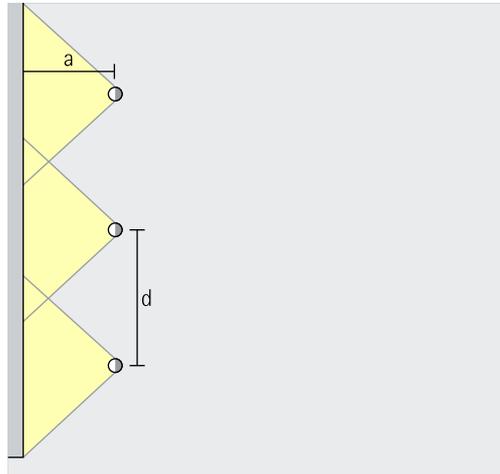
Iku Recessed luminaires – Luminaire arrangement

Lens wallwashers Wallwash



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

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

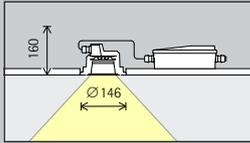


For good longitudinal uniformity, the distance (d) of Iku lens wallwashers may be up to 1.3 times the distance to the wall (a).

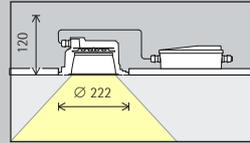
Arrangement: $d \leq 1.3 \times a$

Iku Recessed luminaires

Construction size



Size 3



Size 5

LED module Maximum value at 4000K CRI 92

5W/959lm
9W/1615lm

16.6W/3198lm
30.1W/5382lm

Light colour

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

	2700K CRI 92 *		3500K CRI 92 *
	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

	Switchable
	DALI
	Casambi Bluetooth

	Switchable
	DALI
	Casambi Bluetooth

Colour (housing)

	Silver
--	--------

	Silver
--	--------

Colour (anti-glare cone)

	Silver		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

15.4W/2640lm

 Tunable white

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

 DALI

 Casambi Bluetooth

 Silver

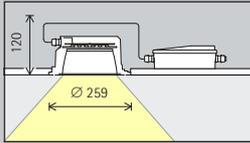
 Silver	 10,000 colours *
 Black	

* available on request
** only for wallwash distribution



Iku Recessed luminaires

Construction size Size 7



LED module
Maximum value at 4000K CRI 92

24.8W/4797lm
38.3W/7011lm

23.1W/3960lm

Light colour

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

	Tunable white
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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

	Switchable
	DALI
	Casambi Bluetooth

	DALI
	Casambi Bluetooth

Colour (housing)

	Silver
--	--------

	Silver
--	--------

Colour (anti-glare cone)

	Silver		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

* available on request
** only for wallwash distribution

www.erco.com/iku-o





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