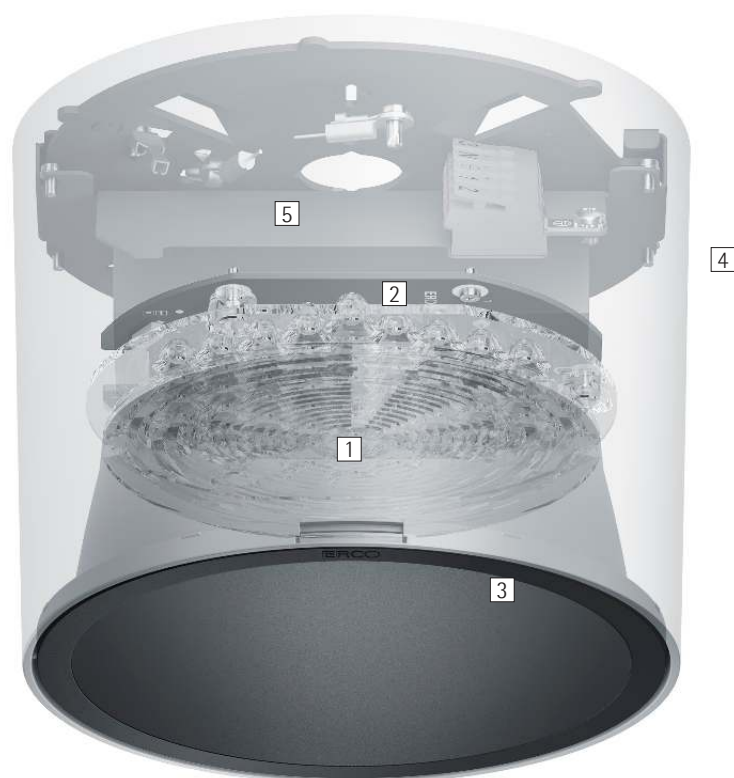




Iku – Universal for architectural lighting

Iku surface-mounted ceiling luminaires provide differentiated architectural lighting even where there is no space for recessed ceiling installation: For example, for solid ceiling constructions or when upgrading existing buildings. Surface mounting is quick, safe and economical. With their precise, neutral shape, the cylindrical housings fit into any interior. Iku surface-mounted luminaires combine high efficiency with exemplary visual comfort and are designed for a service life of at least 20 years. The downlights harmonise perfectly with the other luminaires in the

extensive Iku family: for lighting concepts that consistently combine interior and exterior. With Tunable White as an option, they also allow for HCL designs that take all "three A's" – activity, atmosphere, and architecture – equally into account.



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
- Spherolit lens: Oval wide flood

2 ERCO LED-module

- Mid-power LEDs: warm white (2700K or 3000K), neutral white (3500K or 4000K) or tunable white (2700-6500K)
- Collimating lens made of optical polymer

3 Anti-glare cone

- Silver-coated or black

4 Cylinder

- White (RAL9002), black or silver
- Cast aluminium, powder-coated
- Ceiling fixture: metal

5 Control gear

- Switchable or DALI dimmable

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.



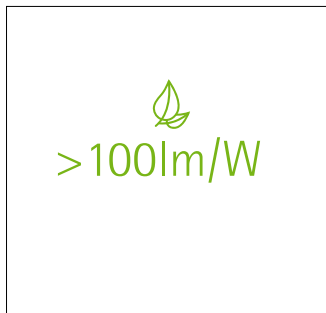
Design and application:
www.erco.com/iku-s

Iku Surface-mounted 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.

Special characteristics



Elegant light emission



>100lm/W



Tunable white



ERCO mid-power LEDs



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Various housing colours



Various construction sizes



Easy installation



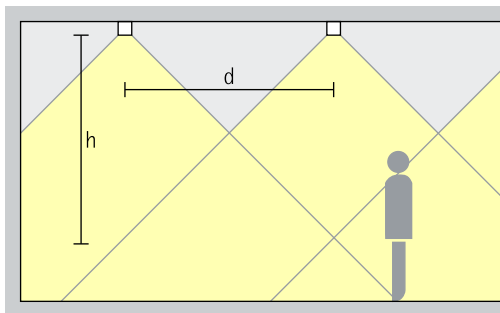
Switchable



DALI dimmable

Iku Surface-mounted luminaires – Luminaire arrangement

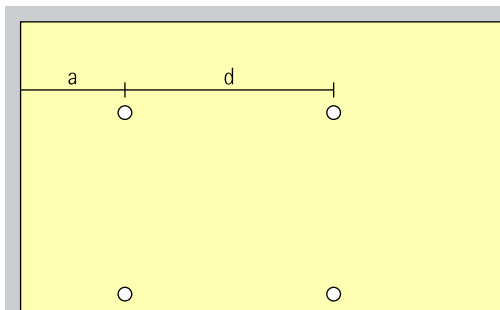
Surface-mounted downlights Wide flood, Extra wide flood



General lighting

For uniform general lighting with high visual comfort, the luminaire spacing (d) between two Iku downlights may be up to 1.5 times the height (h) of the luminaire above the working plane (rough guide).

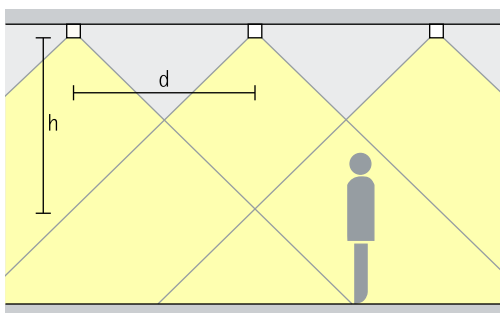
Arrangement: $d = 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Surface-mounted downlights oval flood Oval flood

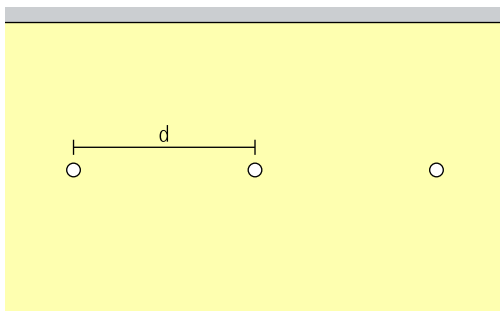


Linear lighting

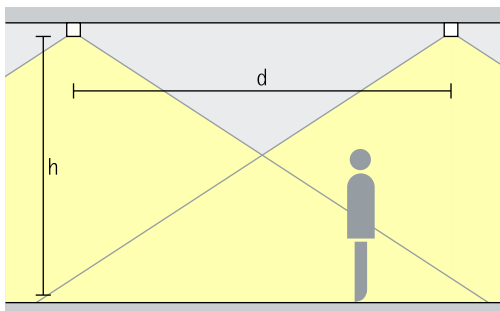
For linear arrangements and uniform lighting, the luminaire spacing (d) between two Iku downlights may be up to 1.5 times the height (h) of the luminaire above the working plane (rough guide).

Arrangement: $d = 1.5 \times h$

Application area: corridors and circulation areas.



Surface-mounted downlights oval wide flood Oval wide flood



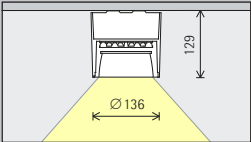
General lighting

For high uniformity, the distance (d) between Iku downlights with oval wide flood light distribution may be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: $d \leq 1.5 \times h$

Iku Surface-mounted luminaires

Construction size Size 4



LED module
Maximum value
at 4000K CRI 82

9.7W/2117lm
17.5W/3571lm

10.0W/1706lm

Light colour

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

	Tunable white
--	---------------

Light
distribution

Surface-mounted downlights	Surface-mounted down- lights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	Surface-mounted downlights oval flood
	Oval flood

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Control

	Switchable
	DALI

	DALI
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Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

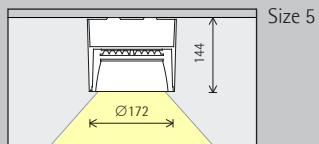
Colour
(anti-glare cone)

	Silver		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

Accessories

	Spacer set
	Suspension equipment



16.1W/3528lm
29.1W/5952lm

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

Surface-mounted downlights	Surface-mounted downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	Surface-mounted downlights oval flood
	Oval flood

	Switchable
	DALI

	White		Silver
	Black		10,000 colours *

	Silver		10,000 colours *
	Black		

16.6W/2844lm

	Tunable white
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Surface-mounted downlights	Surface-mounted downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	Surface-mounted downlights oval flood
	Oval flood

	DALI
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	White		Silver
	Black		10,000 colours *

	Silver		10,000 colours *
	Black		

* available on request

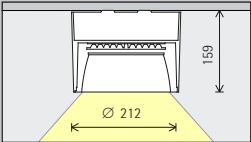
Article numbers and planning data:
www.erco.com/029199

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



Iku Surface-mounted luminaires

Construction size Size 7



LED module
Maximum value
at 4000K CRI 82

24.2W/5292lm
37.1W/7740lm

24.9W/4266lm

Light colour

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

	Tunable white
--	---------------

Light distribution

Surface-mounted downlights	Surface-mounted downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	Surface-mounted downlights oval flood
	Oval flood

Surface-mounted downlights	Surface-mounted downlights oval wide flood
Wide flood	Oval wide flood
Extra wide flood	Surface-mounted downlights oval flood
	Oval flood

Control

	Switchable
	DALI

	DALI
--	------

Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

Colour (anti-glare cone)

	Silver		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

Accessories

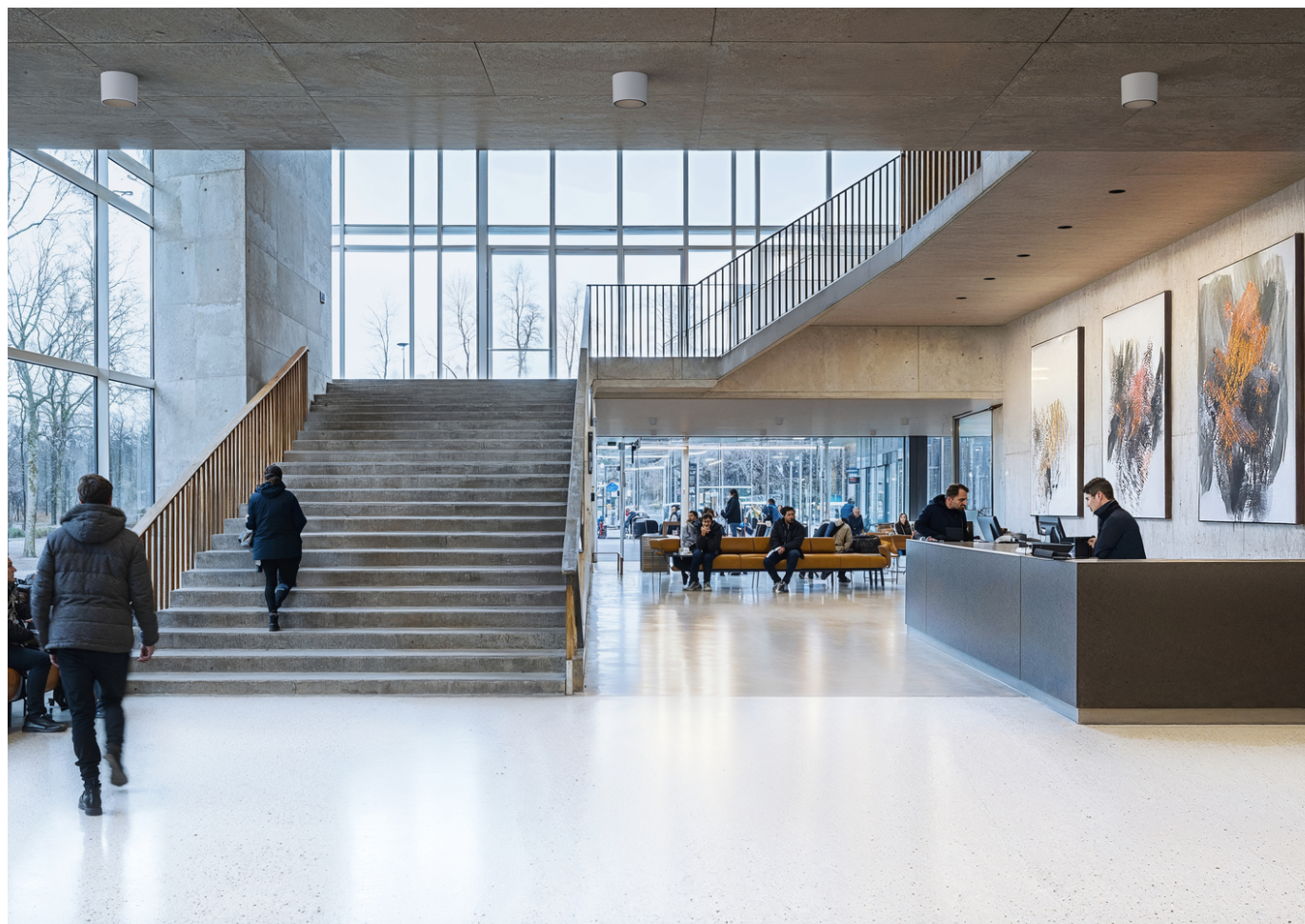
	Spacer set
	Suspension equipment

* available on request

Article numbers and planning data:
www.erco.com/029199

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





For lighting concepts that combine the indoors and outdoors. Iku indoor surface-mounted luminaires. Visualisation: Electric Gobo