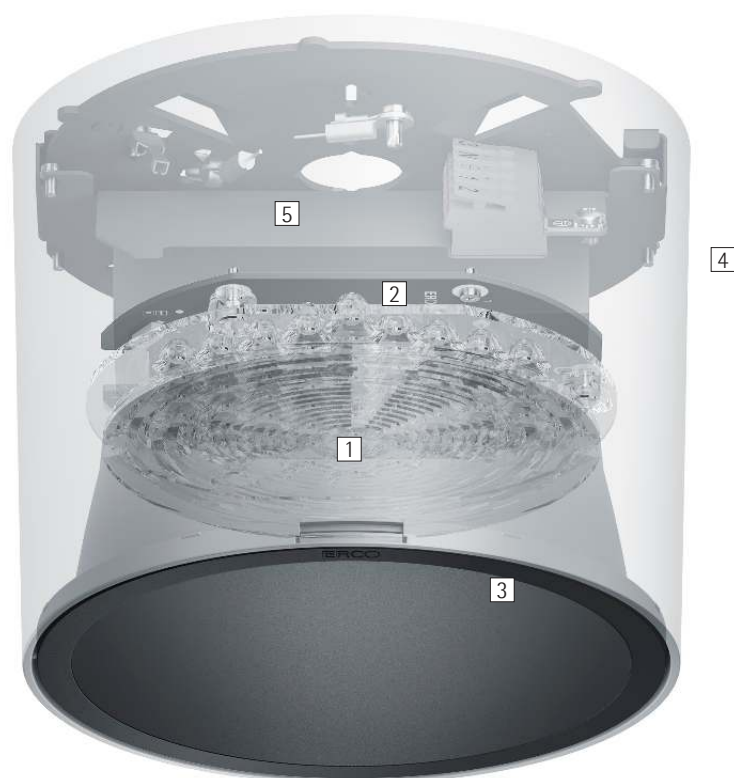




Iku – Universal for architectural lighting

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) or black
- 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, silver matt, champagne or copper matt-coated and other colours

Please contact your ERCO consultant.



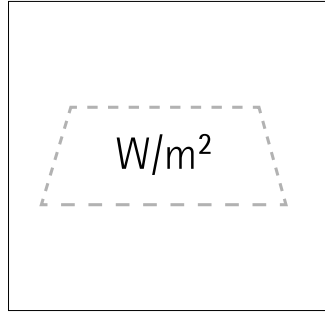
Design and application:
www.erco.com/iku-s

Iku Surface-mounted luminaires



Elegant light emission

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



Efficient ambient lighting

Iku enables efficient ambient lighting with a low power density of 0.59W/m^2 at 100lx – reducing connected load and lowering energy costs.



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



W/m^2



$>120\text{lm/W}$



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



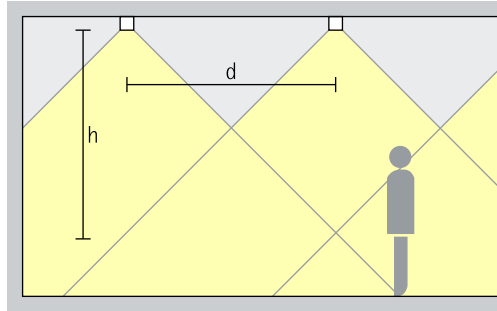
Switchable



DALI dimmable

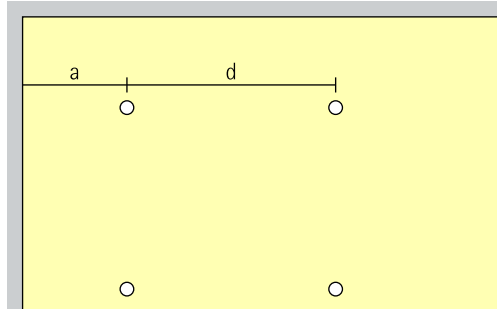
Iku Surface-mounted luminaires – Luminaire arrangement

Surface-mounted downlights Wide flood, Extra wide flood



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).

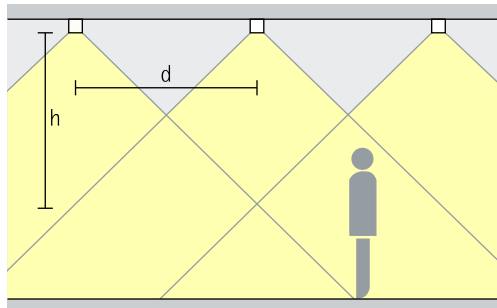
Arrangement: $d = 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

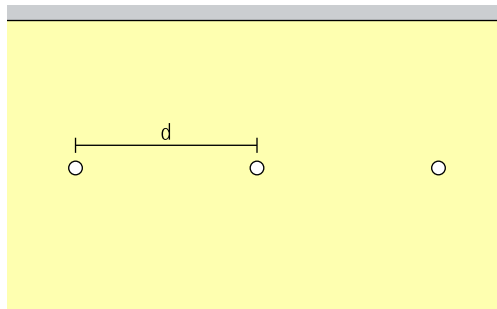
Surface-mounted downlights oval flood Oval flood



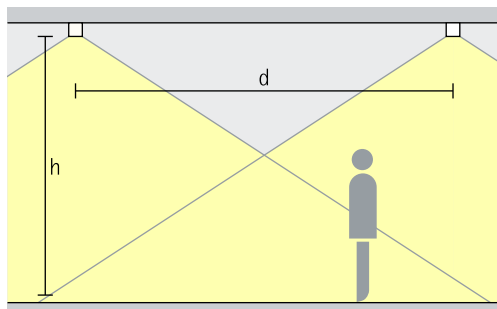
For linear arrangements and uniform lighting, the luminaire spacing (d) between two Iku downlights may be up to 1.5 times the height (h) of the luminaire above the working plane (rough guide).

Arrangement: $d = 1.5 \times h$

Application area: corridors and circulation areas.



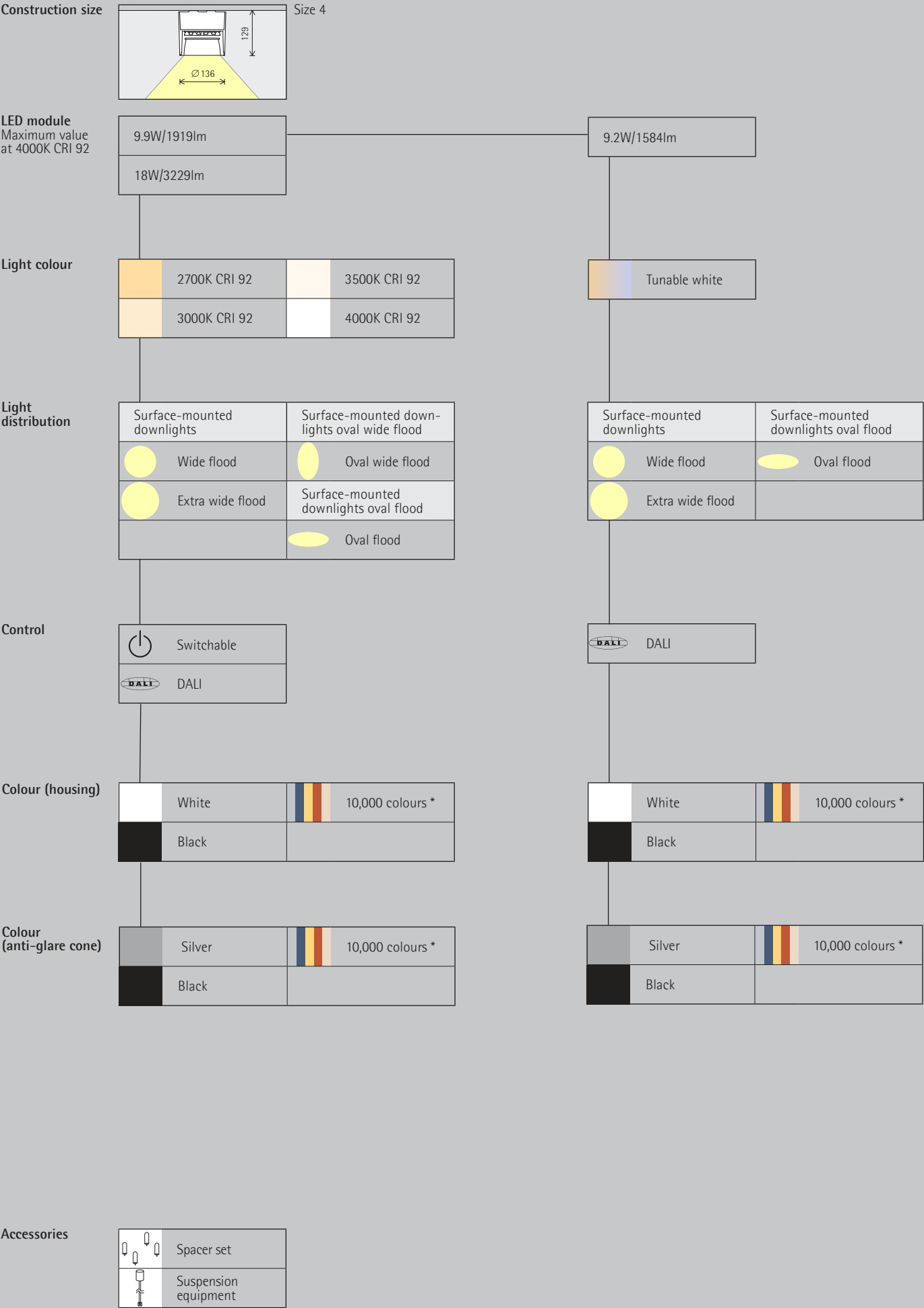
Surface-mounted downlights oval wide flood Oval wide flood

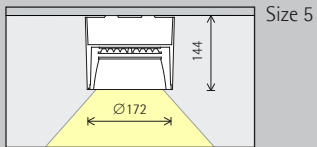


For high uniformity, the distance (d) between Iku downlights with oval wide flood light distribution may be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: $d \leq 1.5 \times h$

Iku Surface-mounted luminaires





16.6W/3198lm
30.1W/5382lm

	2700K CRI 92		3500K CRI 92
	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		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

15.4W/2640lm

	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
--	------

	White		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

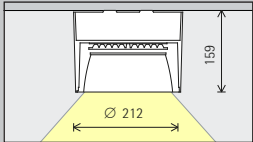
* available on request

www.erco.com/iku-s



Iku Surface-mounted 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

	Tunable white
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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 down- lights 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		10,000 colours *
	Black		

	White		10,000 colours *
	Black		

Colour
(anti-glare cone)

	Silver		10,000 colours *
	Black		

	Silver		10,000 colours *
	Black		

Accessories

	Spacer set
	Suspension equipment

* available on request

www.ercos.com/iku-s





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