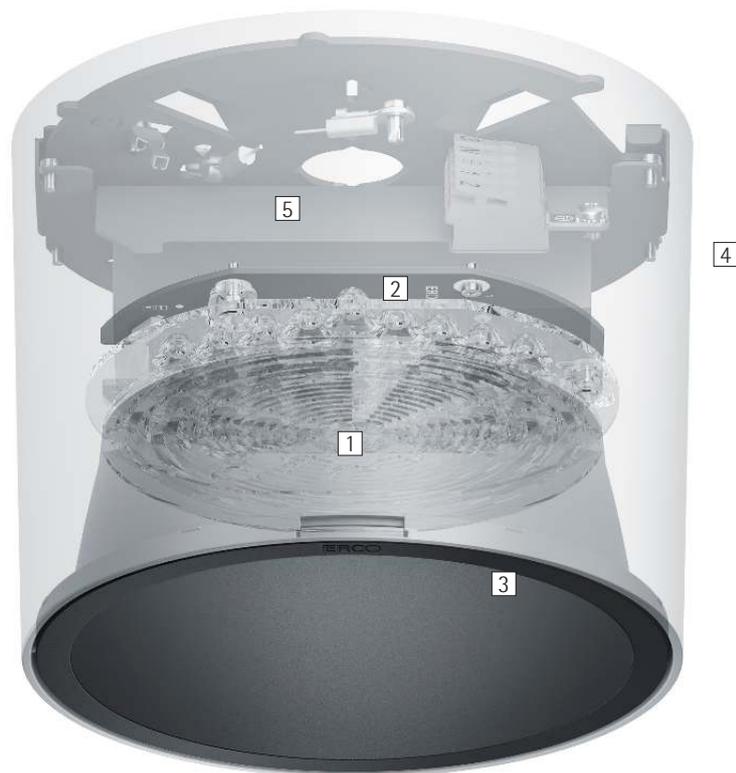




## Iku – Universal for architectural lighting

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 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](http://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
-  >120lm/W
-  Tunable white



ERCO mid-power LEDs



Excellent thermal management



Switchable



Different light distributions



EMC-optimised



DALI dimmable



Different light colours



Various housing colours



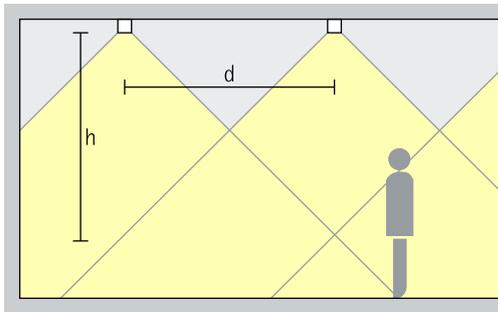
Various construction sizes



Easy installation

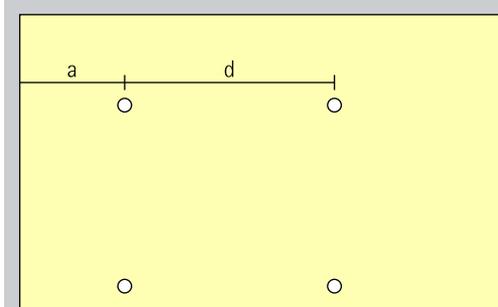
# Iku Surface-mounted luminaires – Luminaire arrangement

## 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).

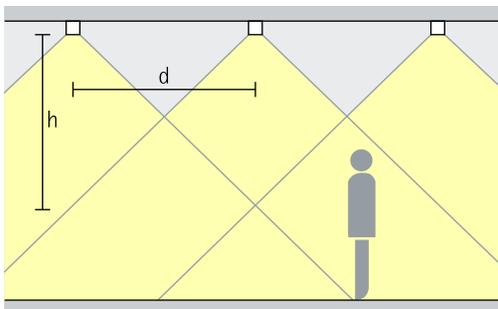
Arrangement:  $d = 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement:  $a = d / 2$

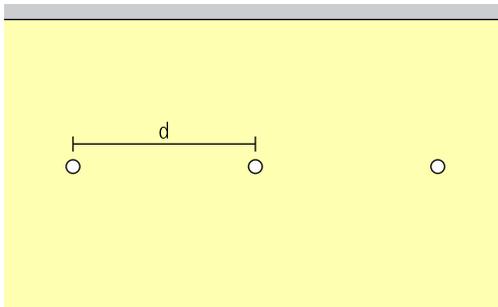
## Surface-mounted downlights oval flood Oval flood



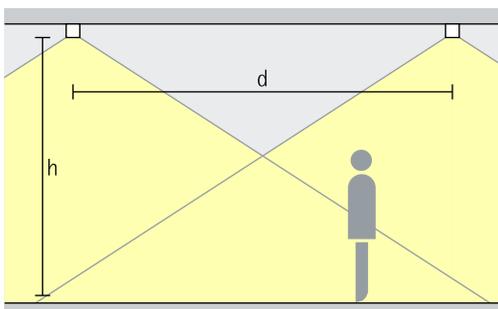
For linear arrangements and uniform lighting, the luminaire spacing ( $d$ ) between two Iku downlights may be up to 1.5 times the height ( $h$ ) of the luminaire above the working plane (rough guide).

Arrangement:  $d = 1.5 \times h$

Application area: corridors and circulation areas.



## Surface-mounted downlights oval wide flood Oval wide flood



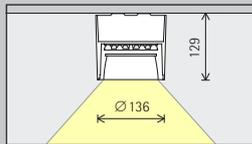
For high uniformity, the distance ( $d$ ) between Iku downlights with oval wide flood light distribution may be up to 1.5 times the height ( $h$ ) of the luminaire above the working plane.

Arrangement:  $d \leq 1.5 \times h$



# Iku Surface-mounted luminaires

Construction size



Size 4

LED module  
Maximum value at 4000K CRI 92

9.9W/1919lm	9.2W/1584lm
18W/3229lm	

Light colour

2700K CRI 92	3500K CRI 92	Tunable white
3000K CRI 92	4000K CRI 92	

Light distribution

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

Control

	Switchable		DALI
	DALI		

Colour (housing)

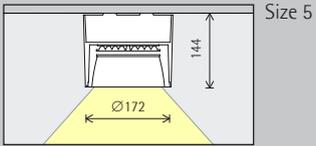
	White		10,000 colours *		White		10,000 colours *
	Black					Black	

Colour (anti-glare cone)

	Silver		10,000 colours *		Silver		10,000 colours *
	Black					Black	

Accessories

	Spacer set
	Suspension equipment



16.6W/3198lm
30.1W/5382lm

15.4W/2640lm
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 2700K CRI 92	 3500K CRI 92
 3000K CRI 92	 4000K CRI 92

 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

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

 DALI
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 White	 10,000 colours *
 Black	

 White	 10,000 colours *
 Black	

 Silver	 10,000 colours *
 Black	

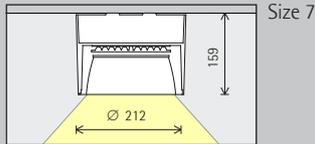
 Silver	 10,000 colours *
 Black	

\* available on request



# Iku Surface-mounted luminaires

Construction size



LED module  
Maximum value at 4000K CRI 92

24.8W/4797lm	23.1W/3960lm
38.3W/7011lm	

Light colour

2700K CRI 92	3500K CRI 92	Tunable white
3000K CRI 92	4000K CRI 92	

Light distribution

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

Control

Switchable	DALI
DALI	

Colour (housing)

White	10,000 colours *
Black	

Colour (anti-glare cone)

Silver	10,000 colours *
Black	

Accessories

	Spacer set
	Suspension equipment

\* available on request

[www.erco.com/iku-s](http://www.erco.com/iku-s)





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