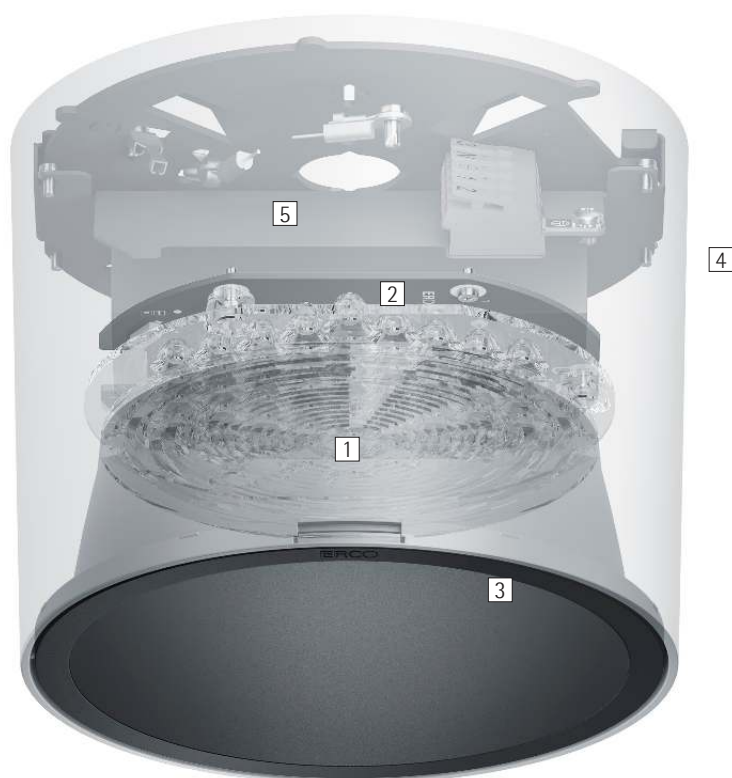




## Iku – Universal for architectural lighting

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
- Spherulite 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

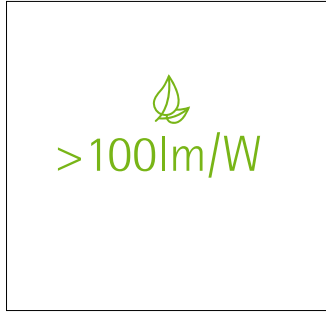
## Variants on request

- 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](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 XYZlm/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

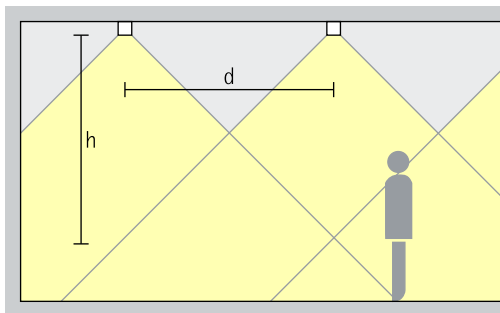
-  Excellent thermal management
-  EMC-optimised
-  Various housing colours
-  Various construction sizes
-  Easy installation

-  Switchable
-  DALI dimmable

# Iku Surface-mounted luminaires – Luminaire arrangement

## Surface-mounted downlights

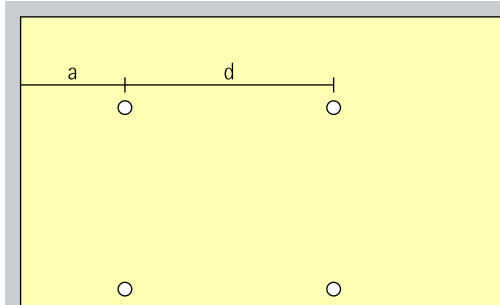
Wide flood, Extra wide flood



### 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:  $d = 1.5 \times h$



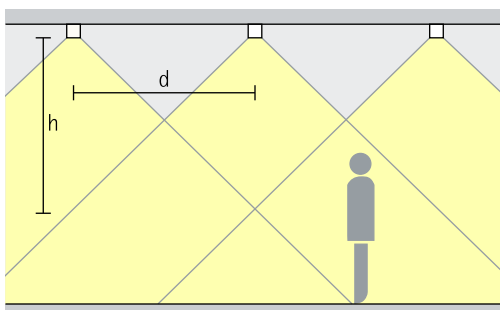
The wall offset should be half the luminaire spacing.

Arrangement:  $a = d / 2$

## Surface-mounted downlights

oval flood

Oval flood

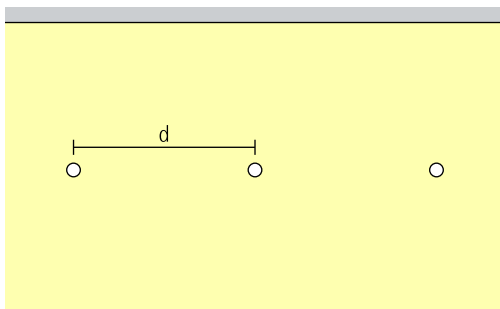


### Linear lighting

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:  $d = 1.5 \times h$

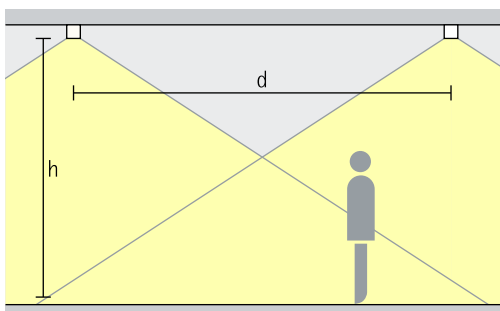
Application area: corridors and circulation areas.



## Surface-mounted downlights

oval wide flood

Oval wide flood



### General lighting

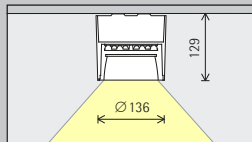
For high uniformity, the distance ( $d$ ) between Iku downlights with oval wide flood light distribution may be up to 1.5 times the height ( $h$ ) of the luminaire above the working plane.

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  | 10.0W/1706lm |
| 17.5W/3571lm |              |

Light colour

|              |              |               |
|--------------|--------------|---------------|
| 2700K CRI 92 | 3500K CRI 92 | Tunable white |
| 3000K CRI 82 | 4000K CRI 82 |               |
| 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 | Wide flood                 |  | Wide flood                            |  |
| Extra wide flood           | Surface-mounted downlights oval flood | Wide flood                                 |            | Wide flood                 |  |                                       |  |
|                            | Oval flood                            |  |            |                            |  |                                       |  |

Control

|            |      |
|------------|------|
| Switchable | DALI |
| DALI       |      |

Colour (housing)

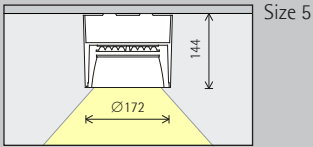
|       |                  |
|-------|------------------|
| White | Silver           |
| Black | 10,000 colours * |

Colour (anti-glare cone)

|        |                  |
|--------|------------------|
| Silver | 10,000 colours * |
| Black  |                  |

Accessories

|  |                      |
|--|----------------------|
|  | Spacer set           |
|  | Suspension equipment |



|              |
|--------------|
| 16.1W/3528lm |
| 29.1W/5952lm |

|              |
|--------------|
| 16.6W/2844lm |
|--------------|

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

|  |               |
|--|---------------|
|  | Tunable white |
|--|---------------|

| 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 |
|--|------|

|  |       |  |                  |
|--|-------|--|------------------|
|  | White |  | Silver           |
|  | Black |  | 10,000 colours * |

|  |       |  |                  |
|--|-------|--|------------------|
|  | White |  | Silver           |
|  | Black |  | 10,000 colours * |

|  |        |  |                  |
|--|--------|--|------------------|
|  | Silver |  | 10,000 colours * |
|  | Black  |  |                  |

|  |        |  |                  |
|--|--------|--|------------------|
|  | Silver |  | 10,000 colours * |
|  | Black  |  |                  |

\* available on request

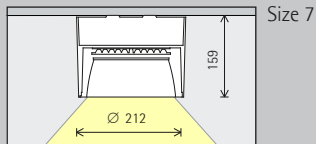
Article numbers and planning data:  
[www.erco.com/029199](http://www.erco.com/029199)

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



# Iku Surface-mounted luminaires

Construction size



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