



Skim – Lighting design for any architecture

The low-cost recessed luminaire for office and general lighting

Skim combines an attractive appearance with high quality of light and an excellent price-performance ratio. Ideal for offices, foyers and circulation zones as well as in retail, or the hotel industry. Several sizes, wattages and light distributions make Skim an attractive alternative to conventional luminaires. The lens system not only scores with a magical appearance, but also with high efficiency, uniformity and good visual comfort. Depending on the projected light distribution, Skim either

provides particularly economical general lighting with large luminaire spacing or is ideal as standard-compliant task lighting.

Skim Recessed luminaires



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 lens system

- Made of optical polymer
- Light distributions: wide flood, extra wide flood or oval flood

2 ERCO LED-module

- High-power LED: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

3 Anti-glare cone

- White (RAL9016) or black
- Optical cut-off 30°
- Polymer
- With covered mounting detail

4 Housing

- Cast aluminium, designed as heat sink
- Folding spring fixing for ceiling thicknesses of up to 25mm (size 3) or 40mm (size 5)

5 Control gear

- Switchable, phase dimmable, DALI dimmable or Casambi Bluetooth
- Phase dimmable version: Dimming with external dimmers possible (trailing edge)

Variants on request

- Connection: 3- or 5-pole plug with connection cable (Wago or Wieland)
 - Ceiling channel system
- Please contact your ERCO consultant.



Design and application:
www.erco.com/skim


Skim Recessed luminaires


















Suitable for office workstations
 ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented according to the individual arrangement of luminaires in the room.

Shallow recess depth
 In compact installation situations, every millimetre is decisive with the recess depth of a luminaire. ERCO has thus developed special luminaires for shallow recess depths that guarantee very good quality of light even in very tight installation conditions.

Special characteristics

 For office workstation lighting from UGR 14.3

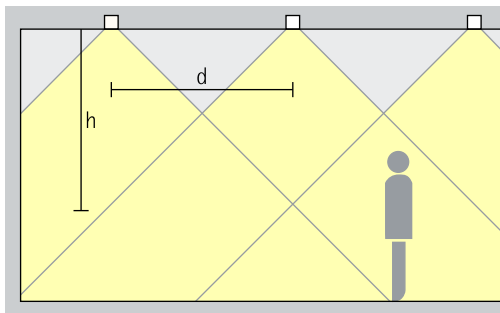
 Shallow recess depth

| | | | | | |
|---|-------------------------|---|-----------------------------------|---|-------------------|
|  | ERCO high-power LEDs |  | Excellent thermal management |  | Switchable |
|  | Efficient lens system |  | EMC-optimised |  | Phase dimmable |
|  | Optical cut-off 30° |  | Various housing colours |  | DALI dimmable |
|  | Different light colours |  | Various construction sizes |  | Casambi Bluetooth |
| | |  | Tool-free mounting | | |
| | |  | Very good price performance ratio | | |

Skim Recessed luminaires – Luminaire arrangement

Downlights

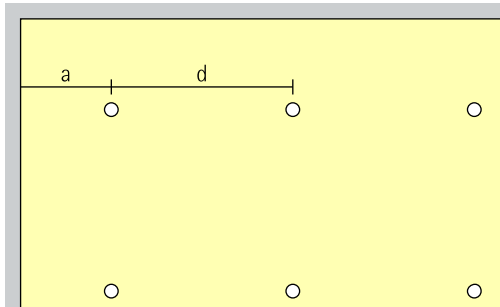
Wide flood, Extra wide flood



General lighting

For optimum general lighting, the luminaire spacing (d) between two Skim downlights may, as a rough guide, be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: $d \leq 1.5 \times h$

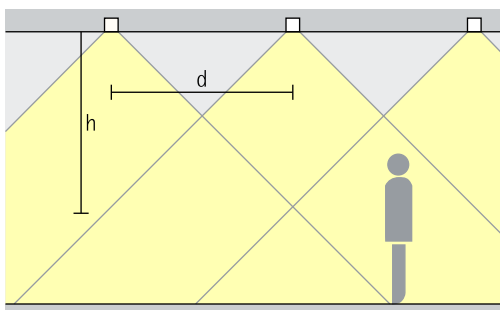


The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Downlights oval flood

Oval flood

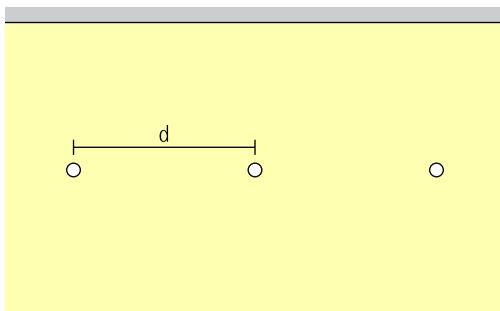


Linear lighting

For uniform lighting with luminaires arranged in a line, the spacing (d) between two Skim downlights may be up to approximately 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: $d \leq 1.5 \times h$

Application: halls and corridors as well as above tables.

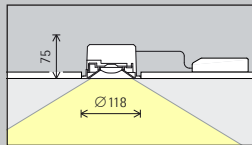


International Airport, Sydney. Lighting and electrical design: Aurecon Sydney, Sydney. Photographer: Jackie Chan, Sydney.

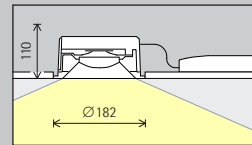


Skim Recessed luminaires

Construction size



Size 3



Size 5

LED module Maximum value at 4000K CRI 82

| |
|------------|
| 8W/1100lm |
| 13W/1640lm |

| |
|------------|
| 18W/2475lm |
| 28W/3690lm |

Light colour

| | | | |
|--|--------------|--|--------------|
| | 2700K CRI 92 | | 3500K CRI 92 |
| | 3000K CRI 92 | | 4000K CRI 82 |
| | 3000K CRI 97 | | 4000K CRI 92 |

| | | | |
|--|--------------|--|--------------|
| | 2700K CRI 92 | | 3500K CRI 92 |
| | 3000K CRI 92 | | 4000K CRI 82 |
| | 3000K CRI 97 | | 4000K CRI 92 |

Light distribution

| Downlights | | Downlights oval flood | |
|------------|------------------|-----------------------|------------|
| | Wide flood | | Oval flood |
| | Extra wide flood | | |

| Downlights | | Downlights oval flood | |
|------------|------------------|-----------------------|------------|
| | Wide flood | | Oval flood |
| | Extra wide flood | | |

Control

| | | | |
|--|----------------|--|-------------------|
| | Switchable | | DALI |
| | Phase dimmable | | Casambi Bluetooth |

| | | | |
|--|----------------|--|-------------------|
| | Switchable | | DALI |
| | Phase dimmable | | Casambi Bluetooth |

Colour (anti-glare cone)

| | |
|--|-------|
| | White |
| | Black |

| | |
|--|-------|
| | White |
| | Black |

Accessories

| | | | |
|--|-----------------------------|--|------------|
| | Concrete mounting enclosure | | Cover ring |
| | Compensation set | | |



International
Airport, Sydney.
Lighting and elec-
trical design:
Aurecon Sydney,
Sydney. Photogra-
pher: Jackie Chan,
Sydney.

Article numbers and planning data:
www.erco.com/014686

Design and application:
www.erco.com/skim



