



Skim – Lighting design for any architecture

The versatility of Skim as a separate, flat surface-mounted luminaire

Skim as a surface-mounted downlight is designed for ceiling structures that prevent recessed mounting. It features the same characteristic lens system made of optical polymer as the Skim range of recessed luminaires. Available with different distribution options and in sizes 3 and 5, Skim surface-mounted luminaires combine efficiency with visual comfort, making them ideal for a wide variety of applications: in offices and administration buildings, shops

and public places. The exclusive, flat design of the housing made of cast aluminium ensures sophisticated thermal management. Skim surface-mounted luminaires are a straightforward alternative to recessed luminaires and the optimal lighting solution particularly for new, energy-efficient buildings with formidable, thermally activated concrete ceilings. Details such as snap hooks to secure the luminaire or the optional spacers for surface-mounting facilitate the installation still further.

Skim Surface-mounted 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)
- Optical cut-off 30°
- Polymer

4 Cylinder

- White (RAL9010)
- Cast aluminium, powder-coated
- Ceiling fixture: metal

5 Control gear

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

Variants on request

- Housing: 10,000 further colours
- Please contact your ERCO consultant.



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

Skim Surface-mounted luminaires



Small luminaire dimensions
Small luminaires are discreet and place the focus on the light itself. Compact luminaire dimensions are particularly advantageous with small rooms.

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.

Very good price performance ratio
Skim surface-mounted luminaires offer an attractive price/performance ratio – an advantage with planning tasks aiming for cost-effectiveness.

Special characteristics	
UGR	For office workstation lighting from UGR 15.4
	Small luminaire dimensions
	Very good price performance ratio

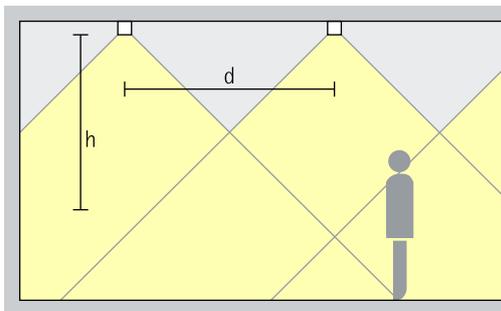
	ERCO high-power LEDs
	Efficient lens system
	Optical cut-off 30°
	Different light colours

	Excellent thermal management
	EMC-optimised
	Various construction sizes
	Easy installation

	Switchable
	Phase dimmable
	DALI dimmable

Skim Surface-mounted luminaires – Luminaire arrangement

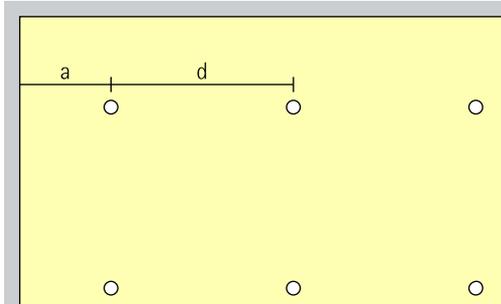
Surface-mounted downlights Wide flood, Extra wide flood



General lighting

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

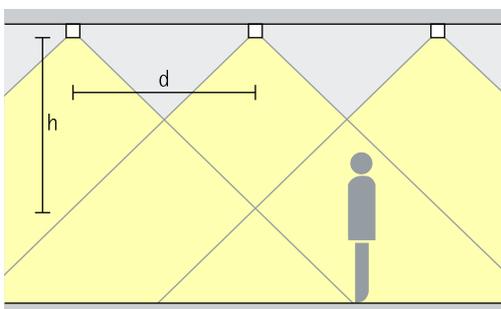
Arrangement: $d \leq 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Surface-mounted downlights oval flood Oval flood

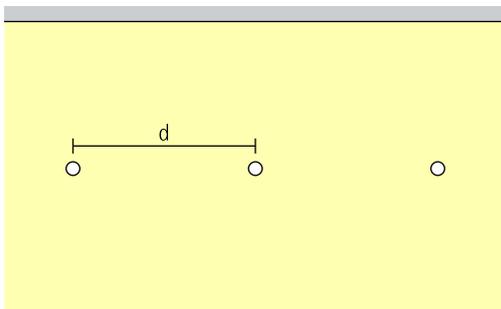


Linear lighting

As a rough guide for uniform illumination, the luminaire spacing (d) between two Skim surface-mounted downlights installed in a row may be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: $d \leq 1.5 \times h$

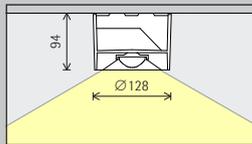
Application area: Hallways and corridors as well as above tables.



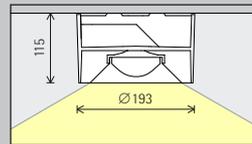


Skim Surface-mounted luminaires

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

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

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

Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White
	10,000 colours *

	White
	10,000 colours *

Accessories

	Spacer set
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Aurecon, Brisbane.
Architecture:
Bates Smart. Interior
design: Woods
Bagot. Lighting
design: Aurecon.
Photography:
Jackie Chan, Syd-
ney.

* available on request

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www.erco.com/016061

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





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Fruiteers

The Fruit Box