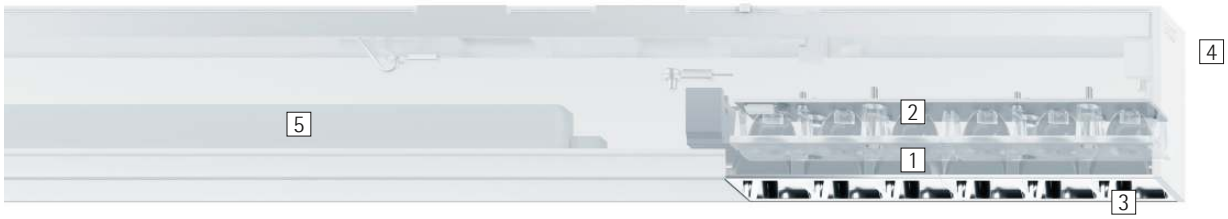
Compar linear – Powerhouse for linear aesthetics

Versatile, elegant surface-mounted luminaires with a linear profile
Two linear Compar modules, united in an elegant, slender profile: Compar linear surface-mounted luminaires feature uncomplicated installation, and are simultaneously high quality tools for illuminating offices and public buildings. The innovative linear lighting technology offers various wattages and light distributions – for general lighting as well as for the standard-compliant, glare-free lighting of office workplaces. The catches for fixing to the ceiling fitting are discreetly concealed in a slender shadow gap. These luminaires therefore expand the Compar family into a range that can be used to solve a wide variety of lighting tasks in a uniform way.



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, oval wide flood or oval flood

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

3 Louvre
- Polymer, black lacquered or aluminium vaporised, silver, mirror-finish
- Cut-off angle 30°

4 Housing
- White (RAL9002)
- Aluminium profile, powder-coated
- Ceiling fixture: metal

5 Control gear
- Switchable or DALI dimmable

Variants on request
- Anti-dazzle louvre: coated matt gold, matt silver or matt champagne
- Housing: 10,000 further colours

Please contact your ERCO consultant.

Design and application:
www.erco.com/compar-linear-s

Louvres for efficient visual comfort
A louvre is designed to restrict the view into the luminaire, achieving efficient visual comfort with an emission angle of 90°. An anti-glare louvre available in black or silver enables the luminaire to blend with the material and colour of the ceiling.

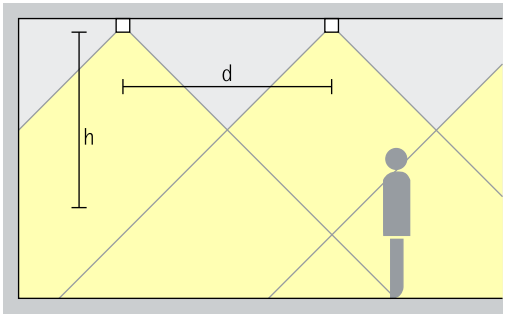
Suitable for office workstations
ERCO develops luminaires with the specifications of good glare control and high visual comfort. UGR values are used as support for purely norm-referenced lighting. With downlights though this should not be carried out using 'blanket' values, but should be implemented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

Special characteristics

- Excellent visual comfort
- UGR — For office workstation lighting from UGR 13.4
- ERCO high-power LEDs
- Efficient lens system
- Cut-off 30°
- Different light colours
- Excellent thermal management
- EMC-optimised
- Easy installation
- Switchable
- DALI dimmable

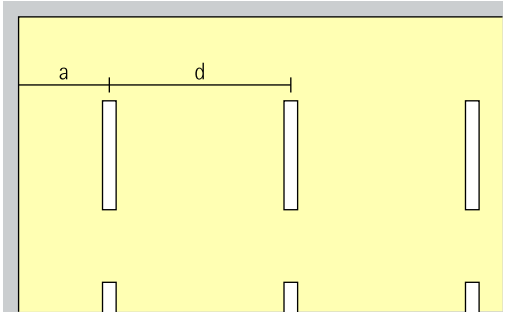
Compar linear Surface-mounted luminaires – Luminaire arrangement

Surface-mounted downlights
Wide flood, Extra wide flood



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

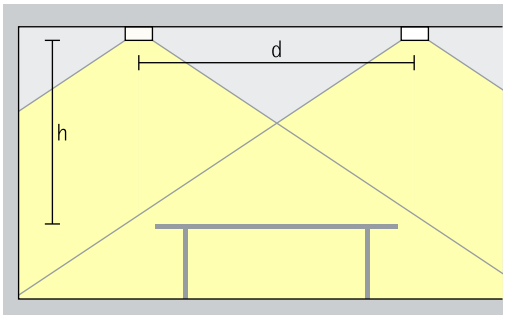
Arrangement: d ≤ 1.5 x h



The recommended offset from the wall is half the luminaire spacing.

Arrangement: a = d / 2

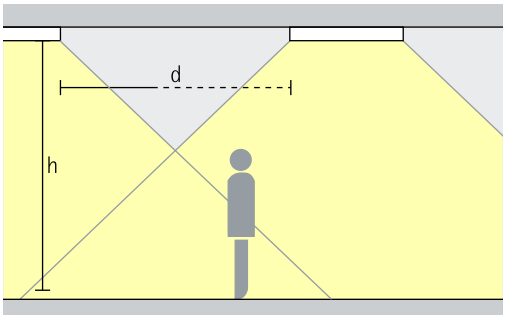
Surface-mounted downlights oval wide flood
Oval wide flood



General lighting
For efficient workplace illumination in the office, with optimal uniformity and good facial recognition, the luminaire spacing (d) of Compar downlights with oval wide flood distribution (d) may be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: d ≤ 1.5 x h

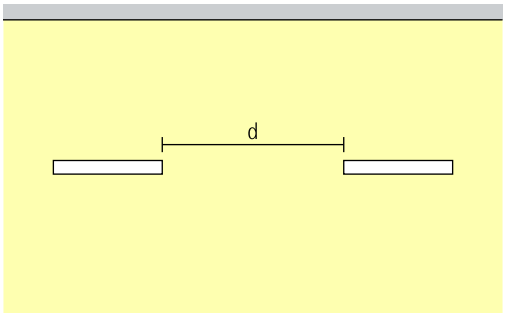
Surface-mounted downlights oval flood
Oval flood



Linear lighting
With linear arrangements and for uniform lighting, the luminaire spacing (d) between two Compar surface-mounted downlights may be up to 1.5 times the height (h) of the luminaire above the working plane (rough guide).

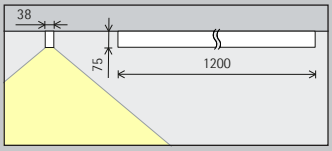
Arrangement: d ≤ 1.5 x h

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



Compar linear Surface-mounted luminaires

Construction size



1200mm

LED module
Maximum value at 4000K CRI 82

24W/3300lm
38W/4920lm

Light colour

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

Control

Switchable
DALI

Colour (housing/louvre)

White/Silver	10,000 colours */ Silver
White/Black	10,000 colours */ Black

Accessories

Spacer set

* available on request

Article numbers and planning data:
www.erco.com/017562

Design and application:
www.erco.com/compar-linear-s