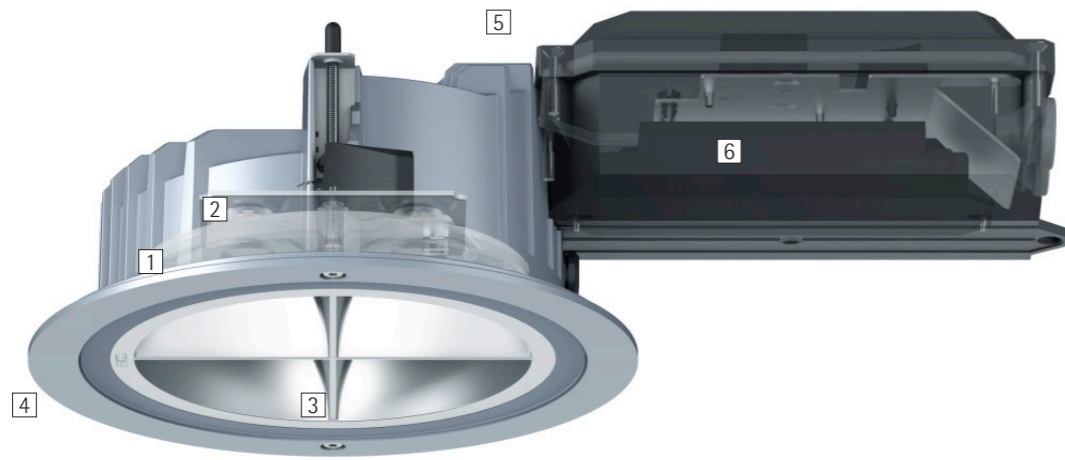


Compact – Efficient and economical

Brilliant light for roofed areas. Compact – ideal for outdoor use
The need for high performance lighting applies equally to the exterior environment. The Compact downlight combines brilliant light with the familiar durability of ERCO's other exterior solutions. Extra wide flood and oval flood as different light distributions enable its use in passageways and arcades as well as on the terrace of a private residence. Compact also supports superb vertical illuminance with its wallwashing distribution.



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: extra wide flood, oval flood or wallwash
- 2 ERCO LED-module**
 - High-power LEDs: warm white (3000K) or neutral white (4000K)
- 3 Anti-glare ring with cross baffle**
 - Optical cut-off 30°
 - Polymer, aluminium vaporised, silver, ribbed

or

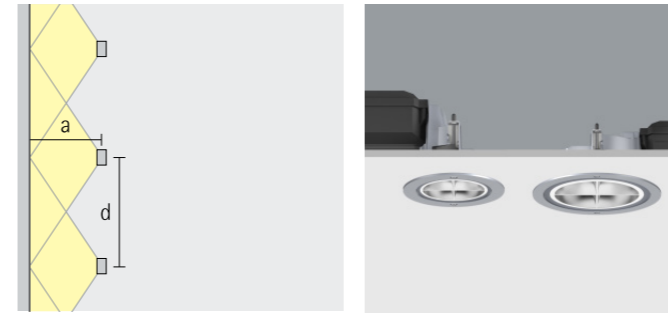
 - Wallwasher reflector**
 - Optical cut-off 30° or 40°
 - Polymer, aluminium vaporised, silver, ribbed, with diffuser on the underside
- 4 Cover ring**
 - Corrosion-resistant cast aluminium, No-Rinse surface treatment
 - Silver, double powder-coated
 - Non-reflective safety glass
- 5 Housing**
 - Corrosion-resistant cast aluminium, No-Rinse surface treatment
 - Silver, double powder-coated
 - Mounting with 2- or 3-point contact and screw fastening, for ceiling thicknesses 1-30mm
 - Side-attached installation unit: polymer or cast aluminium, black
- 6 Control gear**
 - Switchable or phase dimmable
 - Phase dimmable version: Dimming with external dimmers possible (trailing edge)

Protection mode IP65
Dust-tight and water jet-proof

Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Anti-glare ring with cross baffle: coated matt gold, matt silver or matt champagne

Please contact your ERCO consultant.



Wide luminaire spacing with wallwashing
Efficient ERCO photometrics allow certain luminaires to be spaced unusually far apart at up to 1.5 times the distance to wall.

Various construction sizes
The luminaires in the ERCO product range cover a wide variety of lumen categories and therefore offer an appropriate solution for a large number of lighting tasks.



Design and application:
www.erco.com/compact-o

Special characteristics

Various construction sizes

Wide luminaire spacing with wallwashing

ERCO high-power LEDs

Efficient lens system

Optical cut-off 30°/40°

Different light colours

Excellent thermal management

EMC-optimised

Shallow recess depth

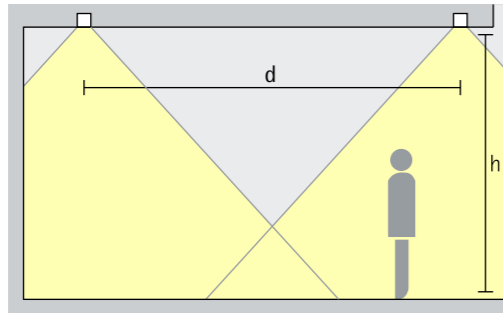
Protection mode IP65

Switchable

Phase dimmable

Compact Recessed luminaires – Luminaire arrangement

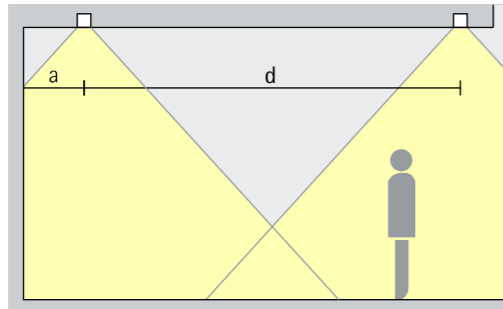
Downlights Extra wide flood



General lighting

For uniform ambient lighting, the spacing (d) between two Compact downlights may be up to approximately 1.5 times the height (h) of the luminaire above the working plane.

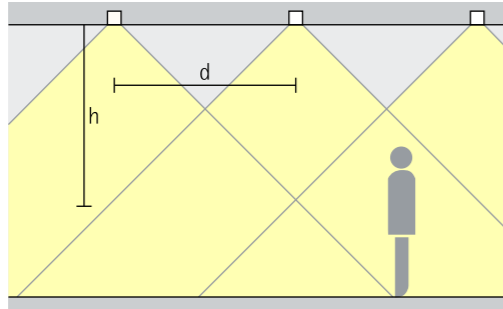
Arrangement: $d \leq 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement: $a = d / 2$

Downlights oval flood Oval flood



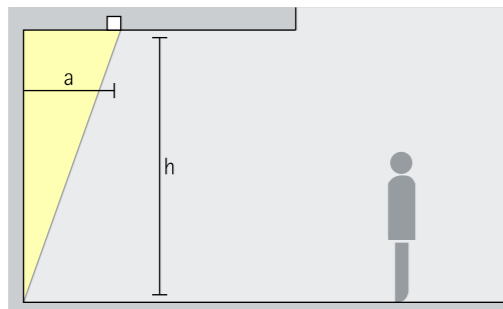
Linear lighting

For uniform lighting with luminaires arranged in a line, the spacing (d) between two Compact 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: arcades and canopies.

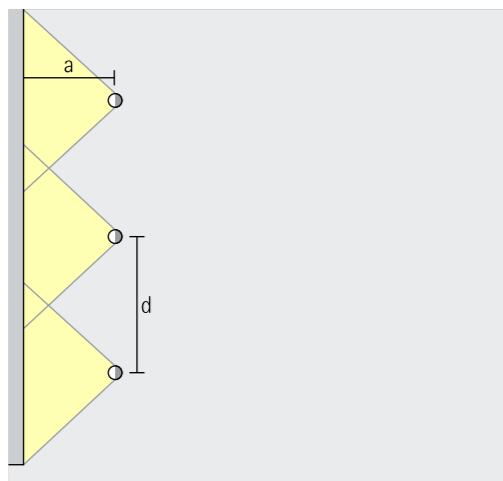
Lens wallwashers Wallwash



Wallwashing

For uniform vertical illuminance, the distance (a) of Compact lens wallwashers from the wall should be around one third of the room height (h).

Arrangement: $a = 1/3 \times h$



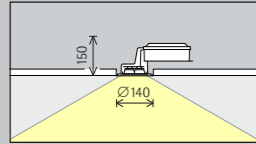
For good longitudinal uniformity, the spacing (d) of Compact lens wallwashers may be up to 1.3 times the offset from the wall (a).

Arrangement: $d \leq 1.3 \times a$

The optimal wall offset and luminaire spacing for each product are indicated in the wallwasher tables in the catalogue and the product data sheets.

Compact Recessed luminaires

Construction size Size 3



LED module
Maximum value
at 4000K CRI 82

8W/1100lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Downlights	Downlights oval flood
Extra wide flood	Oval flood
Lens wallwashers	
Wallwash	

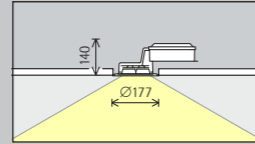
Control

Phase dimmable

Colour (housing)

Silver
10,000 colours *

Construction size Size 4



16W/2200lm

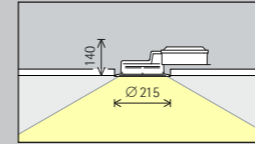
	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Downlights	Downlights oval flood
Extra wide flood	Oval flood
Lens wallwashers	
Wallwash	

Phase dimmable

Silver
10,000 colours *

Construction size Size 5



24W/3300lm

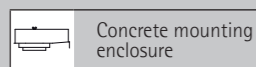
	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Downlights	Downlights oval flood
Extra wide flood	Oval flood
Lens wallwashers	
Wallwash	

Phase dimmable

Silver
10,000 colours *

Accessories



* available on request

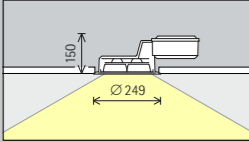
Article numbers and planning data:
www.erco.com/013923

Design and application:
www.erco.com/compact-o



Compact Recessed luminaires

Construction size



Size 7

LED module
Maximum value at 4000K CRI 82

32W/4400lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Downlights	Downlights oval flood
Extra wide flood	Oval flood

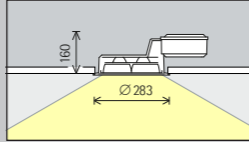
Control

Switchable

Colour (housing)

	Silver
	10,000 colours *

Construction size



Size 8

LED module
Maximum value at 4000K CRI 82

40W/5500lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 97 *		4000K CRI 92 *

Light distribution

Downlights	Downlights oval flood
Extra wide flood	Oval flood


Control

Switchable

Colour (housing)

	Silver
	10,000 colours *

Accessories



Concrete mounting enclosure



BGE Contemporary Art, Stavanger. Architecture: Ramp, Hans-Olav Hansen, Stavanger. Lighting design: Rønning Elektro AS, Stavanger. Photography: Johan Elm, Stockholm.

* available on request

Article numbers and planning data:
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Design and application:
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