

## Efficient and economical

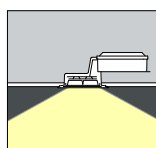
Brilliant light for roofed areas.  
Compact – ideal for outdoor use

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 illu-

minance with its wallwashing distribution.



**General lighting**  
Ambient lighting produced by wide beam light distribution.

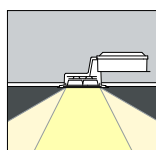


**Downlights**  
Wide beam, rotationally symmetrical light distribution for general lighting.

**LED module**  
8W - 40W  
840lm - 5500lm  
Light distribution: Extra wide flood



**Linear lighting**  
Linear general lighting for spatial structuring and the illumination of zones and pathways.

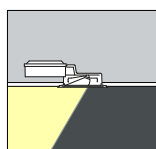


**Downlights oval flood**  
Axially symmetrical light distribution for linear lighting.

**LED module**  
8W - 40W  
840lm - 5500lm  
Light distribution: Oval flood

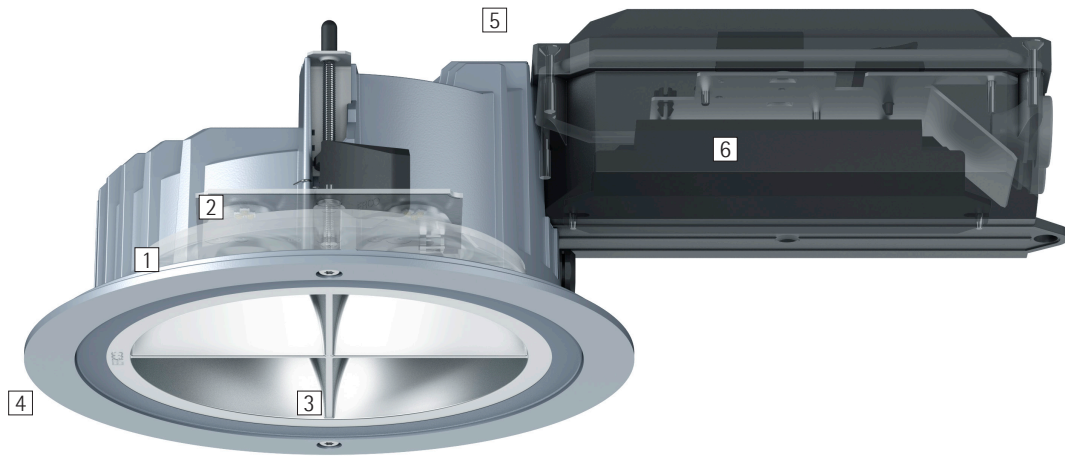


**Wallwashing**  
Vertical illuminance for brightening the surroundings and segmenting the exterior landscape.



**Lens wallwashers**  
Asymmetrical light distribution for highly uniform wallwashing.

**LED module**  
8W - 24W  
840lm - 3300lm  
Light distribution: Wallwash



## 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. The direct links for quick access always take the same form:

[www.erco.com/<article number>](http://www.erco.com/<article number>)

### 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 95 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.

## 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



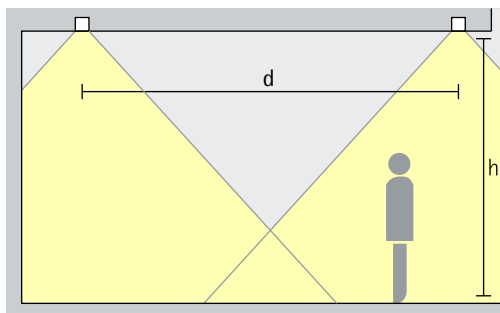
Switchable



Phase dimmable

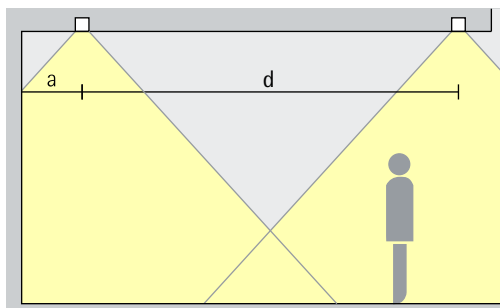
# Compact Recessed luminaires – Luminaire arrangement

## 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.

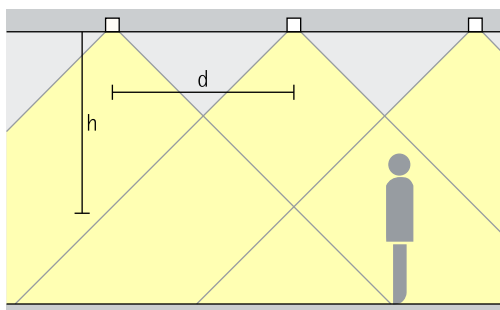
Arrangement:  $d \leq 1.5 \times h$



The wall offset should be half the luminaire spacing.

Arrangement:  $a = d / 2$

## Downlights oval flood Oval flood

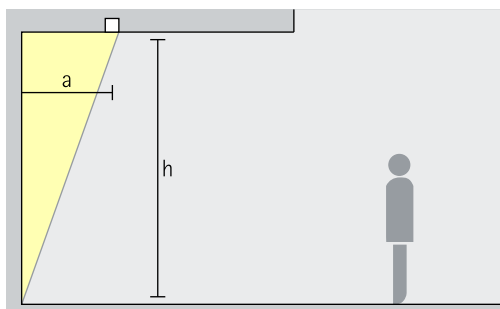


**Linear lighting**  
For uniform lighting with luminaires arranged in a line, the spacing (d) between two Compact downlights may be up to approximately 1.5 times the height (h) of the luminaire above the working plane.

Arrangement:  $d \leq 1,5 \times h$

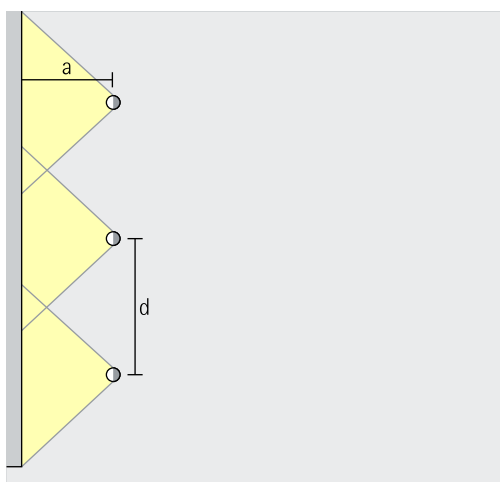
Application: arcades and canopies.

## 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.