



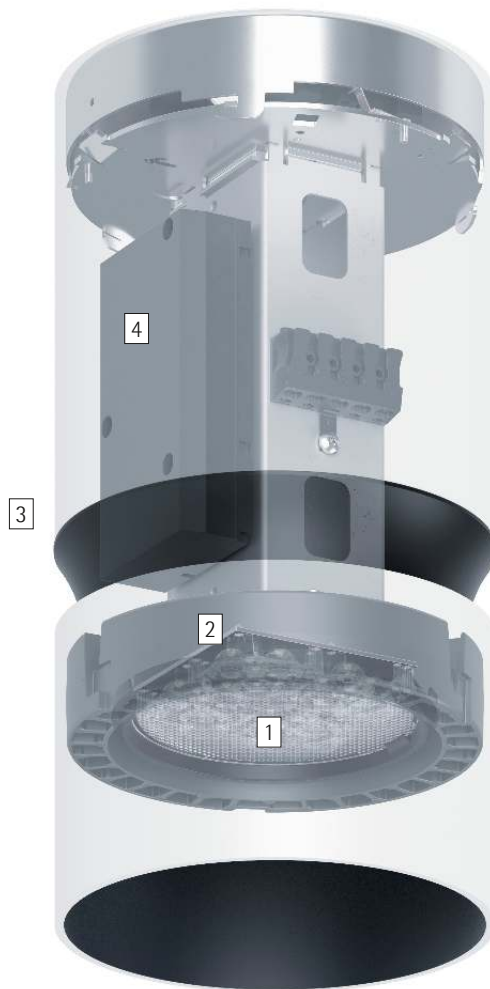
## Atrium double focus – Sophisticated light for high rooms

**Versatile, high lumen-output lighting technology – for illumination from large heights**

Atrium double-focus luminaires are particularly suitable for high rooms, e.g. in foyers, public buildings and sacred spaces. The cylindrical housing gains a striking design accent with the light-tight ventilation gap. Narrow downlight distributions generate precise lighting from large heights. In addition to recessed luminaires, Atrium also includes pendant luminaires with an optional indirect light component. All Atrium luminaires are available as an option with black or

silver anti-glare cone. The in-house developed control gear provides uniform operating behaviour of luminaire groups and dimming values down to 0.1% via DALI.

## Atrium double focus 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 Spherolit lens

- Light distributions: flood or wide flood

#### 2 ERCO LED-module

- High-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)
- Collimating lens made of optical polymer

#### 3 Cylinder

- White (RAL9002), black or silver
- Cut-off angle 30° or 40°.
- Aluminium profile, powder-coated, black or matt silver coated inside
- Cone: polymer, black
- Ceiling fixture: metal

#### 4 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/atrium-df-s](http://www.erco.com/atrium-df-s)

# Atrium double focus Surface-mounted luminaires



**Very high visual comfort**  
 ERCO has developed luminaires with special housing designs and high quality optical components specifically for demanding visual tasks to provide enhanced visual comfort.

**Large lumen packages for very high illuminances**  
 The good glare control of the lens systems enables large lumen packages with high visual comfort.

**Suitable for high rooms**  
 Theatres, atria and lecture halls are usually illuminated from the ceiling and therefore from a large height. Efficient lighting solutions for high rooms have luminaires that project the light precisely onto the surface to be illuminated, in this way avoiding spill light.

**Special characteristics**

- Excellent visual comfort
- Large lumen packages for very high illuminances
- for high rooms

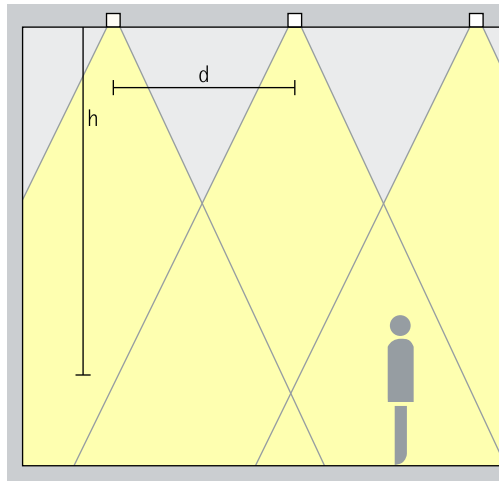
- ERCO high-power LEDs
- Efficient Spherolit technology
- Cut-off 30°/40°
- Different light colours

- Excellent thermal management
- EMC-optimised
- Various housing colours
- Various construction sizes

- Switchable
- Phase dimmable
- DALI dimmable

# Atrium double focus Surface-mounted luminaires – Luminaire arrangement

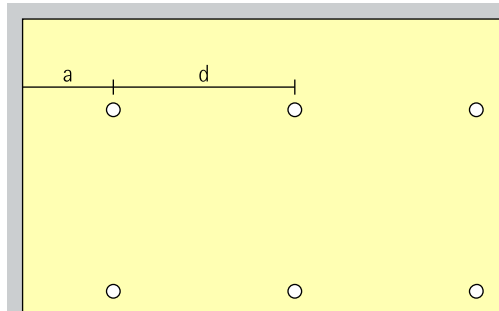
Surface-mounted downlights  
Flood, Wide flood



**General lighting**  
For uniform general lighting, the luminaire spacing ( $d$ ) between two Atrium double focus downlights can be half the height ( $h$ ) of the luminaire above the working plane (rough guide).

Arrangement:  $d = h / 2$

Application area: rooms with high ceilings, e.g. foyers or event halls.



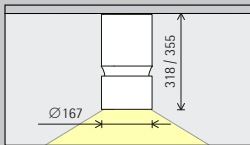
The recommended offset from the wall is half the luminaire spacing.

Arrangement:  $a = d / 2$

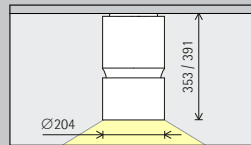


# Atrium double focus Surface-mounted luminaires

Construction size



Size 5



Size 7

LED module  
Maximum value  
at 4000K CRI 82

24.3W/3144lm
37.3W/4427lm

48.5W/6288lm
74.6W/8854lm

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	
	Flood
	Wide flood

Surface-mounted downlights	
	Flood
	Wide flood

Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

Colour (housing)

	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

Colour (anti-glare cone)

	Silver matt		10,000 colours *
	Black		

	Silver matt		10,000 colours *
	Black		



\* available on request

Article numbers and planning data:  
[www.erco.com/017672](http://www.erco.com/017672)

Design and application:  
[www.erco.com/atrium-df-s](http://www.erco.com/atrium-df-s)





open to staff and  
from 7.30am until  
Monday 10.00am

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10 East is open to  
students from 7.30  
Monday 10.00am