



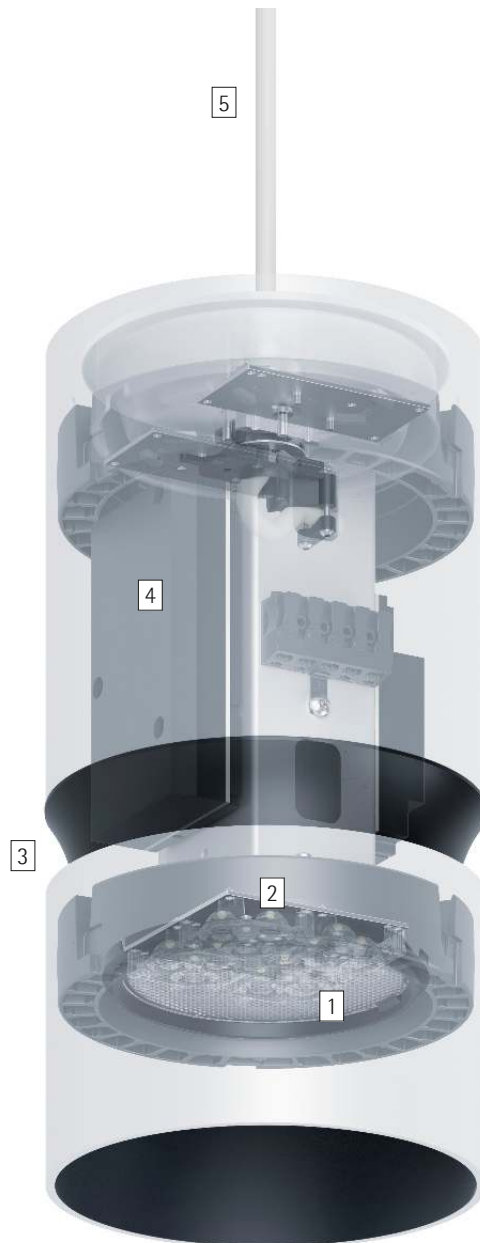
Atrium double focus – Sophisticated light for high rooms

Versatile, powerful lighting technology and minimalist design – for nuanced lighting from large heights

With high lumen output and good glare control, Atrium double focus luminaires are particularly suitable for use in high rooms, for example in the foyers of public buildings and sacred spaces. The neutrally designed cylindrical housing of the pendant luminaires is given a striking design accent with the light-tight ventilation gap. The lighting technology with collimators and Spherolit lenses creates narrow downlight light distribu-

tions and thus provides precise illumination from large heights. The optional indirect component creates atmosphere and reduces contrasts. Their low weight allows them to be suspended easily via the power cord. All Atrium luminaires have a black anti-glare cone for particularly high visual comfort. The own-developed control gear provides uniform operating behaviour of luminaire groups and dimming values down to 0.1% via DALI – an important criterion in the typical areas of application.

Atrium double focus Pendant 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 emission below)

- Light distributions: flood or wide flood

Diffuser (light emission upwards)

- Polymer

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
- Aluminium profile, powder-coated, inner black-coated
- Cut-off angle 30° or 40°
- Cone: polymer, black

4 Control gear

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

5 Ceiling fixture with canopy

- White or black
- Connection cable with strain relief

Variants on request

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



Design and application:
www.erco.com/atrium-df-pendant




Atrium double focus Pendant luminaires











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




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.

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

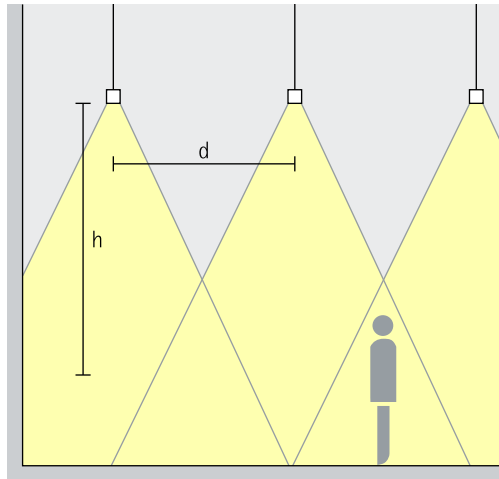
	ERCO high-power LEDs
	Efficient Spherolit technology
	Cut-off 30°/40°
	Different light colours

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

	Switchable
	Phase dimmable
	DALI dimmable

Atrium double focus Pendant luminaires – Luminaire arrangement

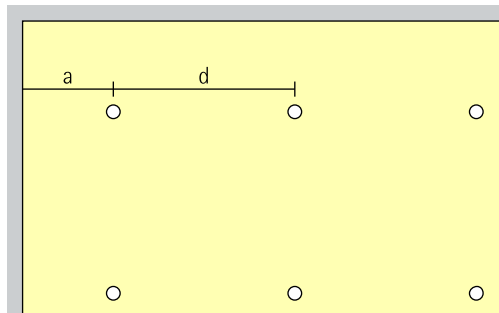
Pendant downlights
Flood, Wide flood



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

Arrangement: $d = h / 2$

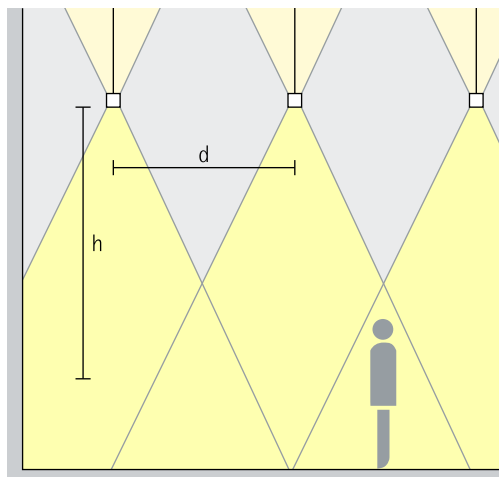
Application area: rooms with high ceilings, e.g. foyers or event halls.



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

Arrangement: $a = d / 2$

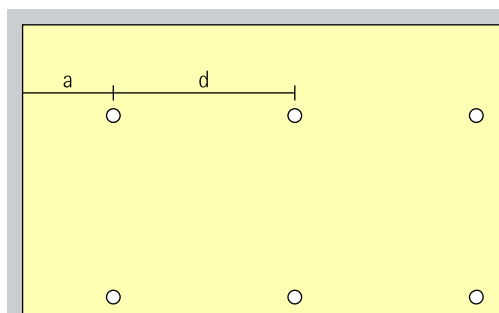
Pendant downlights direct/indirect
Flood, Wide flood



General lighting
For uniform general lighting, half the height (h) of the luminaire above the working plane can be used as the luminaire spacing (d) between two Atrium double focus pendant downlights (rough guide). Indirect lighting on the ceiling increases the visual comfort due to diffusely reflected light. The height of the room is also emphasised. The luminaire should be suspended from a height of at least 0.5m.

Arrangement: $d = h / 2$

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

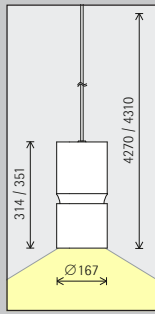


The recommended offset from the wall is half the luminaire spacing.

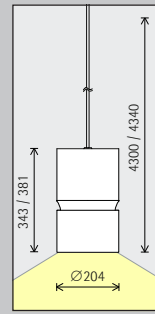
Arrangement: $a = d / 2$

Atrium double focus Pendant luminaires

Construction size



Size 5



Size 7

LED module
Maximum value
at 4000K CRI 82

24W/3300lm	38W/4920lm
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48W/6600lm	76W/9840lm
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Light colour
(direct)

	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

Pendant downlights	
	Flood
	Wide flood

Pendant downlights	
	Flood
	Wide flood

Control

	Switchable
	Phase dimmable
	DALI

	Switchable
	Phase dimmable
	DALI

Colour (housing)

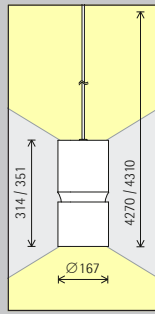
	White		Silver
	Black		10,000 colours *

	White		Silver
	Black		10,000 colours *

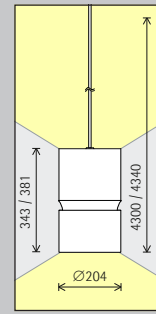
Accessories

	Pendant tube suspension
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Construction size



Size 5



Size 7

LED module
Maximum value
at 4000K CRI 82

36W/4950lm	57W/7380lm
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72W/9900lm	114W/14760lm
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Light colour
(direct)

	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 colour
(indirect)

	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

Pendant downlights	
	Flood
	Wide flood

Pendant 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 *

* available on request

Article numbers and planning data:
www.erco.com/017686

Design and application:
www.erco.com/atrium-df-pendant





The history of railways
opens january 2019

