

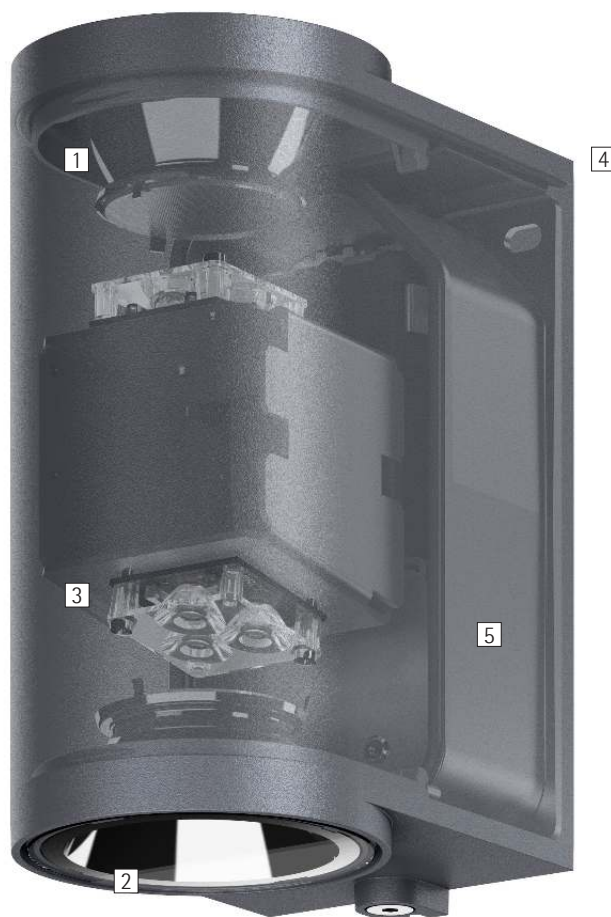


Cylinder – Universal and elegant

Façade lighting with many variations

Accentuating historic façades with grazing light or structuring large sections of façade with light patterns are only some of the strengths displayed by Cylinder façade luminaires. The wide variety of distribution options includes direct, indirect and direct--indirect narrow or wide beams. For the purpose of conforming to the Dark Sky standard, the indirect distribution is inclined towards the façade to avoid spill light into the night sky.

The direct distribution options include versions that pool the light in a semicircle on the ground or with a beam edge ending just before the façade. As a common denominator, all Cylinder façade luminaires produce the characteristic grazing light to emphasise textures on the façade.



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 Light emission above

- Spherolit lens spot or oval flood
- Non-reflective safety glass

2 Light emission below Size 2

- Spherolit lens oval flood
- Reflector: aluminium, silver anodised, specular
- Non-reflective safety glass

or

Size 3

- Diffuser: glass, matt
- Darklight reflector: aluminium, silver anodised, specular
- Cut-off angle 30°
- Non-reflective safety glass

3 ERCO LED-module

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

4 Housing and wall plate

- Graphit m
- Corrosion-resistant aluminium profile or corrosion-resistant cast aluminium, no-rinse surface treated
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Tamper-proof screw

5 Control gear

- Switchable

Protection mode IP65

Dust-tight and water jet-proof

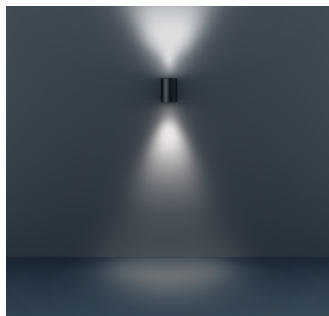
Variants on request

- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
 - Housing: 10,000 further colours
- Please contact your ERCO consultant.



Design and application:
www.erco.com/cylinder

Cylinder Façade luminaires



Various light distributions

Different light distributions let you adjust the light to suit the task at hand. The options range from very narrow accentuation through to wide beam floodlighting and even wallwashing.

Decorative wall-/ facade lighting

Striking lighting effects produced by narrow or wide beams create an eye-catching feature and divide up the façade. The ERCO system design includes a wide variety of lighting solutions with upward or downward beam emission.

Special characteristics



Different light distributions



Decorative wall-/ facade lighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



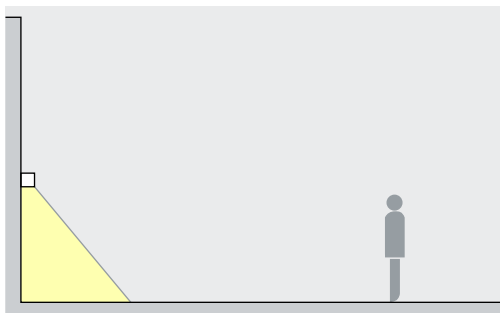
Protection mode IP65



Switchable

Cylinder Façade luminaires – Luminaire arrangement

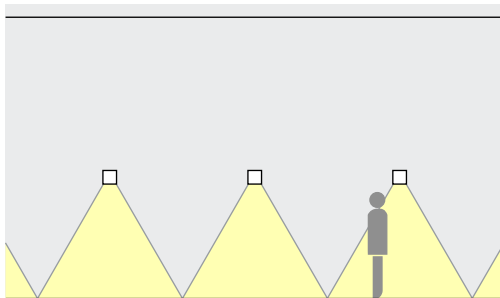
Floor washlights Spot, Oval flood



Washlighting

Cylinder floor washlights with oval flood and spot light distribution, directed downward, provide subtle light for a glare-free and – with oval flood beam – uniform illumination of pathways near façades. The recommended mounting height (h) for floor washlights is 2m above the ground.

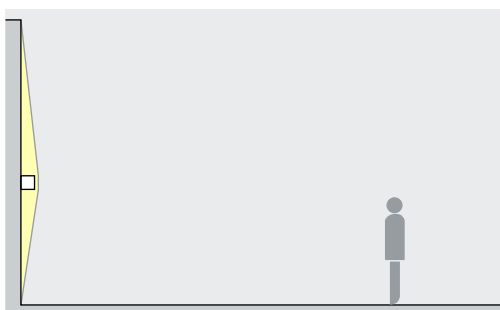
Arrangement: $h = 2m$



For uniform washlighting of the ground with oval flood distribution, the luminaire spacing (d) should equal the mounting height (h). The luminaire spacing for visual guidance, for example with the spot light distribution, depends on the design criteria.

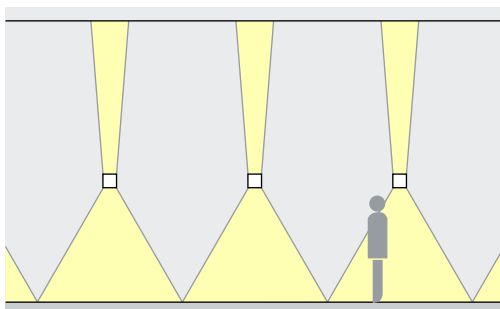
Arrangement: $d = h$

Façade luminaires Spot, Oval flood



Accentuation

Cylinder façade luminaires with upward and downward beam emission structure wall surfaces, whilst emphasising the three-dimensionality of materials with grazing light. To avoid glare, luminaires with an upward light emission are best mounted above eye-level of the observer.



For uniform washlighting of the ground with oval flood distribution, the luminaire spacing (d) should equal the mounting height (h). The luminaire spacing for visual guidance, for example with the spot light distribution, depends on the design criteria.

Arrangement: $d = h$

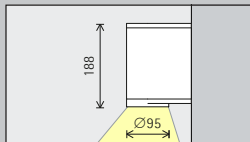
Velux Showroom,
Östbirk. Architec-
ture: Rosan Bosch,
Copenhagen. Pho-
tography: Johan
Elm, Stockholm.



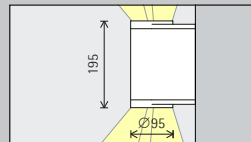
Werratal-Therme,
Bad Sooden-
Allendorf. Archi-
tect: Geier + Geier
Freie Architek-
ten, Stuttgart.
Lighting designer:
Facit Lichttechnik,
Lemgo. Photogra-
phy: Rudi Meisel,
Berlin.

Cylinder Façade luminaires

Construction size Size 2



Construction size Size 2



LED module
Maximum value at 4000K CRI 82

6W/825lm

12W/1650lm

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

Floor washlights	
	Oval flood

Floor washlights		Façade luminaires	
	Oval flood		Spot
			Oval flood

Control

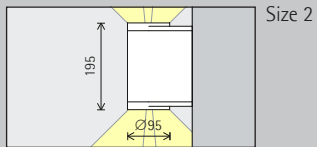
Switchable

Switchable

Colour (housing)

	Graphit m
	10,000 colours *

	Graphit m
	10,000 colours *



Size 2

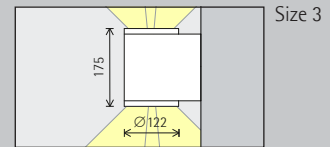
12W/1650lm

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

Façade luminaires	
	Spot
	Oval flood

Switchable

	Graphit m
	10,000 colours *



Size 3

12W/1650lm
18W/2475lm

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

Façade luminaires	
	Spot
	Oval flood

Switchable

	Graphit m
	10,000 colours *

* available on request

Article numbers and planning data:
www.erco.com/011888

Design and application:
www.erco.com/cylinder



