



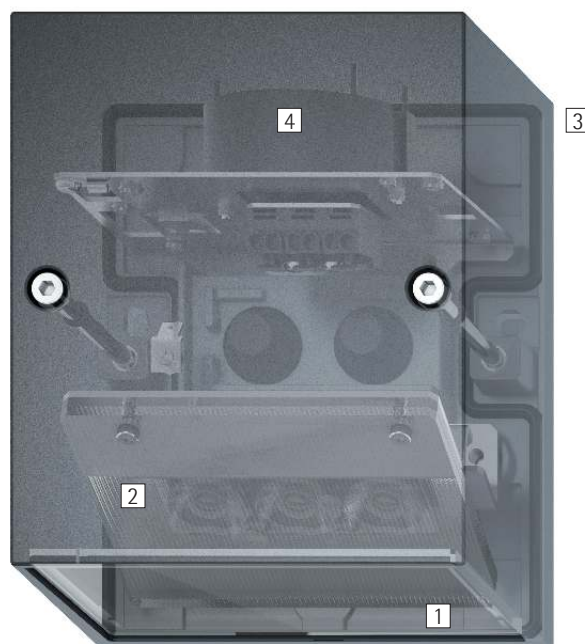
Kubus – Light from the box

Façade lighting and floor wash-lighting for outdoor and indoor areas with a single system design

During the day, Kubus is all but an inconspicuous structure on the wall – at night, however, the luminaire excels with exquisite light. Kubus is flexible. Using appropriate accessories, the luminaire can be mounted in or on the wall. Underlined with grazing light, wall surfaces are given a new dimension.

Used along traffic routes, Kubus provides optimum visual comfort and reliable orientation for

passers-by. In perfect understatement, Kubus combines highly efficient and maintenance-free optoelectronics with a very discreet appearance. Kubus floor wash-lights are also available as bollard 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 Light emission of floor washlight (below)

- Softec lens as protective glass or non-reflective protective glass
- Wide distribution: sculpture lens or Spherolit lens
- Deep distribution: prismatic lens or Spherolit lens

or

Light emission of facade luminaire (above)

- Softec lens as protective glass or non-reflective protective glass
- Spherolit lens spot or sculpture lens

2 ERCO LED-module

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

3 Housing and wall plate

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

4 Control gear

- Switchable

Protection mode IP65

Dust-tight and water jet-proof

Variants on request

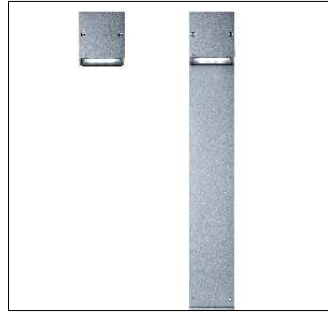
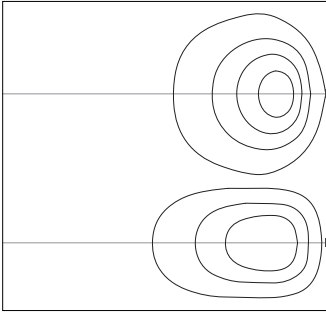
- High-power LEDs: 3000K CRI 97 or 2700K, 3500K, 4000K with CRI 92
- Housing: 10,000 further colours

Please contact your ERCO consultant.



Design and application:
www.erco.com/kubus-f



Kubus Façade luminaires



Wide or deep beam distribution
The wide or deep beam distribution Spherolit lenses allow the light distribution to be matched to the lighting task at hand.

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.

Special characteristics

-  Different light distributions: wide or deep
-  Various construction sizes



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Protection mode IP65



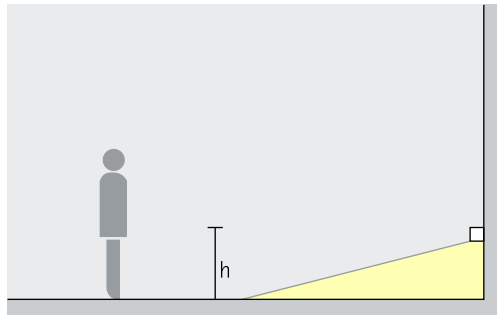
Accessory for mounting variants



Switchable

Kubus Façade luminaires – Luminaire arrangement

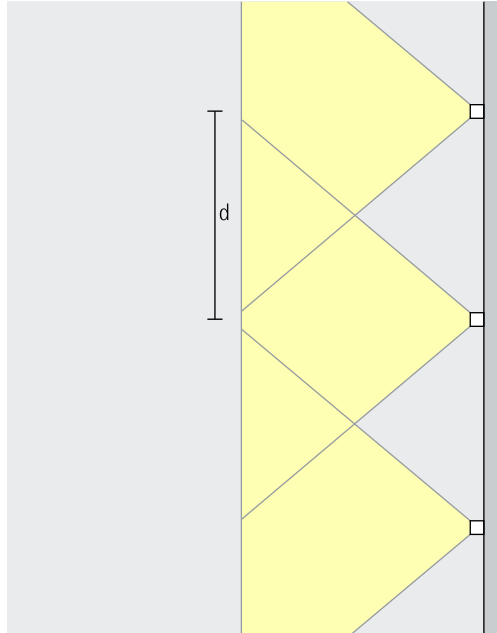
Floor washlights
Wide beam, Deep beam



Washlighting

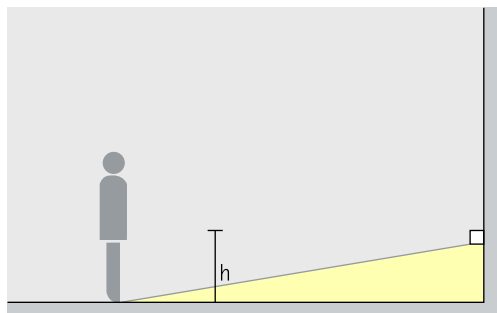
Kubus floor washlights with a wide beam light distribution provide subtle light for a glare-free and uniform illumination of pathways near façades. The recommended mounting height (h) for floor washlights is 0.8m above the ground.

Arrangement: $h = 0.8\text{m}$



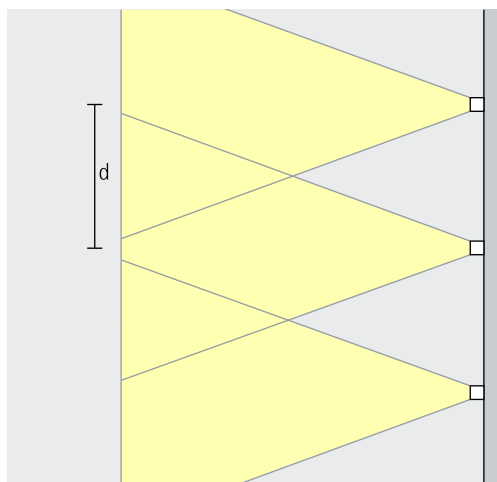
For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

Arrangement: $d \leq 2 \times h$



Kubus floor washlights with a deep beam light distribution provide subtle light for a glare-free and uniform illumination of open areas near façades. The recommended mounting height (h) for floor washlights is 0.8m above the ground.

Arrangement: $h = 0.8\text{m}$

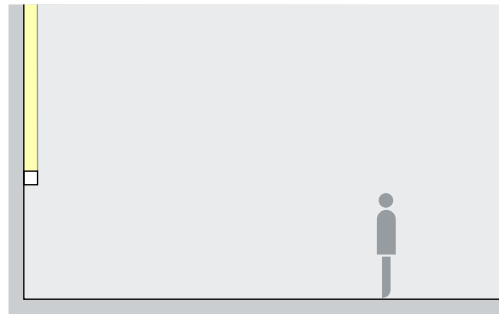


For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

Arrangement: $d \leq 2 \times h$

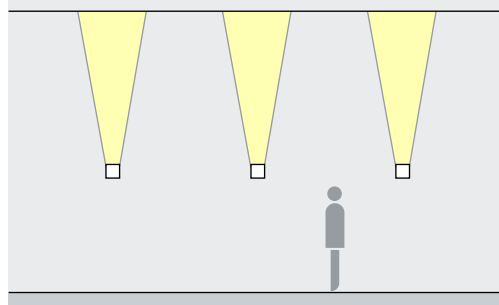
Kubus Façade luminaires – Luminaire arrangement

Façade luminaires
Spot, Oval flood



Accentuation

Kubus façade luminaires with upward and downward beam emission structure large façades, 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.



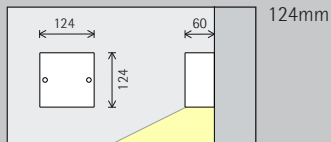
The luminaire spacing for accentuation depends on the grid pattern of the architecture.

Museum im Palais,
Graz. Architect:
Riegler Riewe
Architekten, Graz.
Lighting design:
Gerald P. Marko,
Graz.

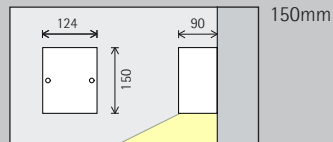


Kubus Façade luminaires

Construction size



Construction size



LED module

Maximum value at 4000K CRI 82

3W/450lm

6W/825lm

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	
	Wide beam
	Deep beam

Floor washlights	
	Wide beam
	Deep beam

Control

Switchable

Switchable

Colour (housing)

Graphit m

10,000 colours **

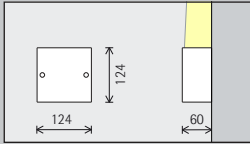
Graphit m

10,000 colours **

Accessories

	Distribution box		Mounting enclosure
	Concrete mounting enclosure		Mounting case







Construction size 124mm





LED module
Maximum value
at 4000K CRI 82

3W/450lm


Light colour

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



Light distribution

Façade luminaires	
	Spot
	Oval flood

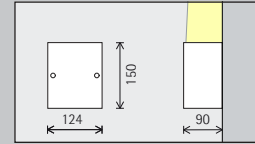
Control

	Switchable
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Colour (housing)



	Graphit m
	10,000 colours **


150mm




6W/825lm

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

Façade luminaires	
	Spot
	Oval flood

	Switchable
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	Graphit m
	10,000 colours **

* available on request

Article numbers and planning data:
www.erco.com/012852

Design and application:
www.erco.com/kubus-f



