



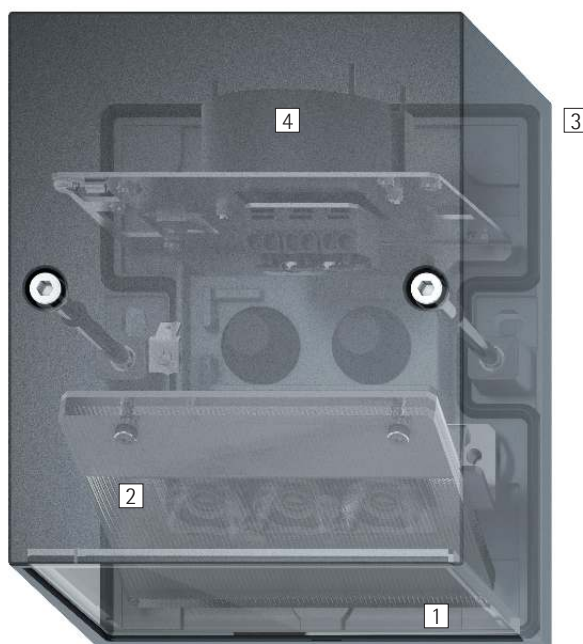
Kubus – Light from the box

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

3 Housing and wall plate

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

4 Control gear

- Switchable or trailing edge dimmable
- Trailing edge dimmable version:**
- Operation at 120V: Dimming with external dimmers possible
- Operation at 277V: switchable

Suitable for wet locations (IP65)

Dust-proof and water jet-proof

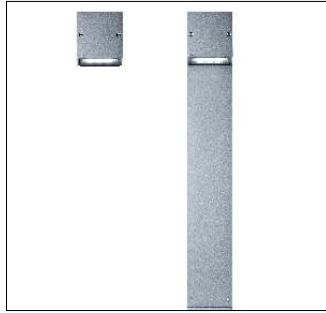
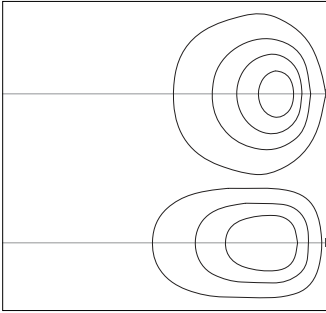
Variants on request

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



Excellent thermal management



Switchable



Efficient Spherolit technology



EMC-optimized



Trailing edge dimmable



Different light colors



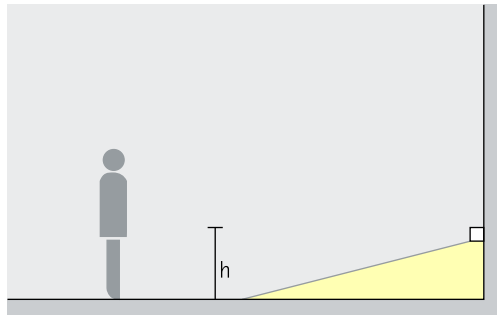
Wet location



Accessory for mounting variants

Kubus Façade luminaires – Luminaire arrangement

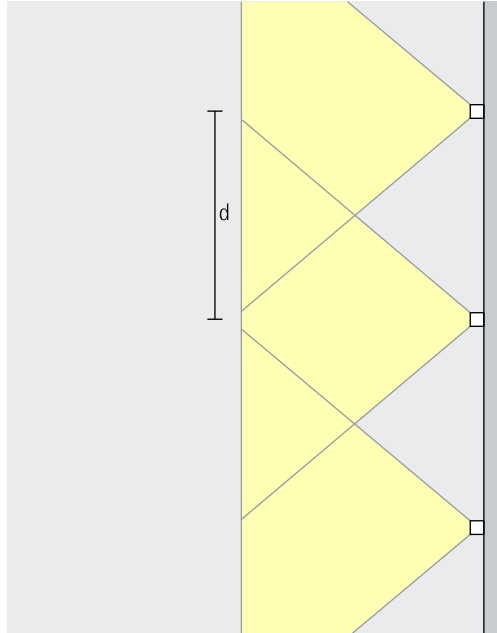
Floor washlights
Wide beam, Deep beam



Washlighting

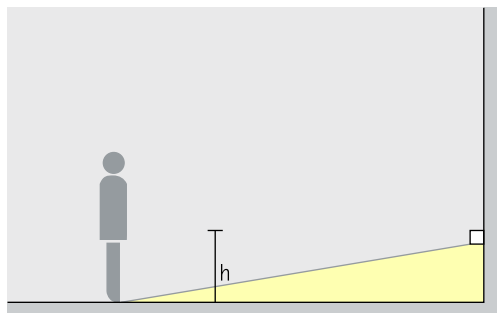
Kubus floor washlights with a wide beam light distribution provide subtle light for a glare-free and uniform illumination of pathways near façades. The recommended mounting height (h) for floor washlights is 2ft above the ground.

Arrangement: $h = 2\text{ft}$



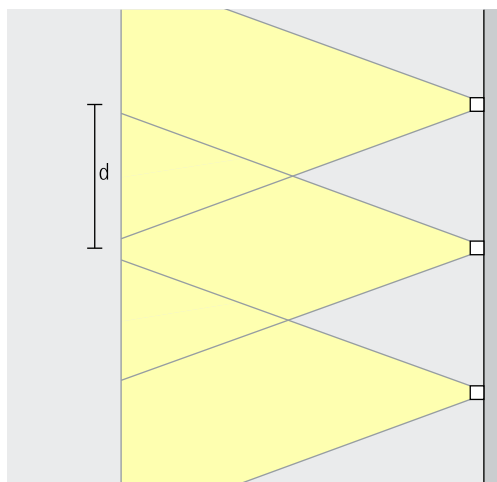
For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

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 2ft above the ground.

Arrangement: $h = 2\text{ft}$

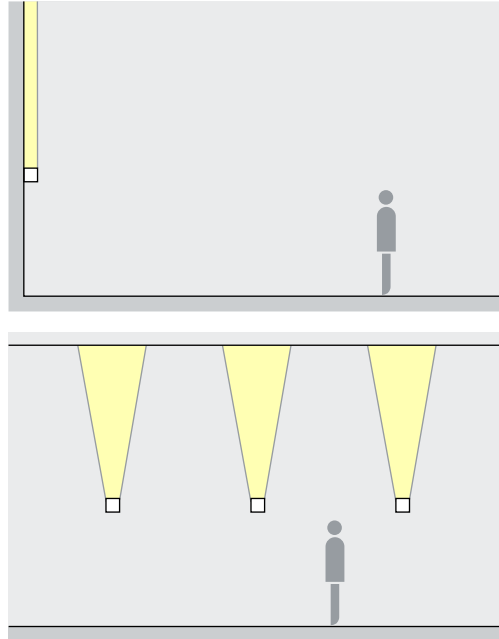


For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

Arrangement: $d \leq 2 \times h$

Kubus Façade luminaires – Luminaire arrangement

Façade luminaires
Spot, Oval flood

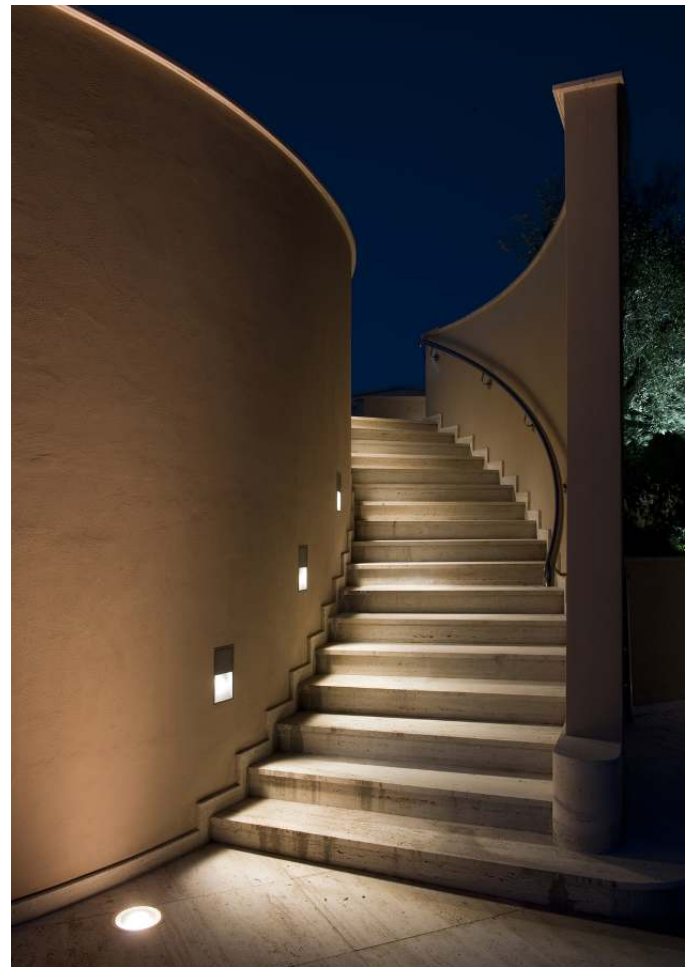


Accentuation

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

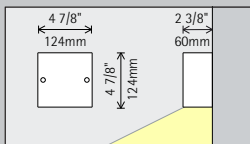
The luminaire spacing for accentuation depends on the grid pattern of the architecture.

Kirche Don Gnocchi, Mailand.
Architekt: Arch. Paolo Valeriani, Mailand. Lichtplanung: Arch. Gianni Ronchetti, Valmadrera di Lecco.

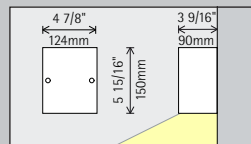


Kubus Façade luminaires

Construction size 4 7/8"



5 15/16"



LED module
Maximum value
at 4000K CRI 82

3W/450lm

6W/825lm

Light color

	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

Trailing edge dimmable

Color (housing)

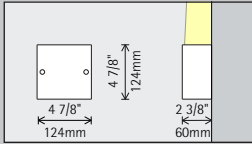
Graphit m
 10,000 colors *

Graphit m
 10,000 colors *

Accessories

	Concrete housing		Recessed cassette
	Recessed housing		Mounting plate

Construction size 4 7/8"



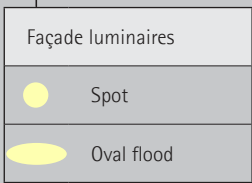
LED module
Maximum value
at 4000K CRI 82

3W/450lm

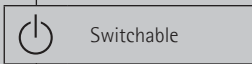
Light color

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

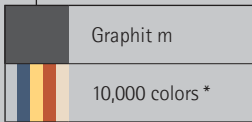
Light distribution



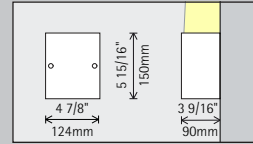
Control



Color (housing)

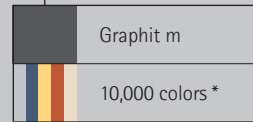
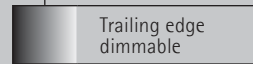
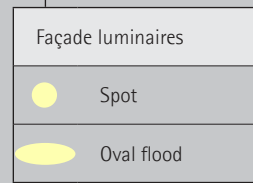


5 15/16"



6W/825lm

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



* available on request

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

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



