



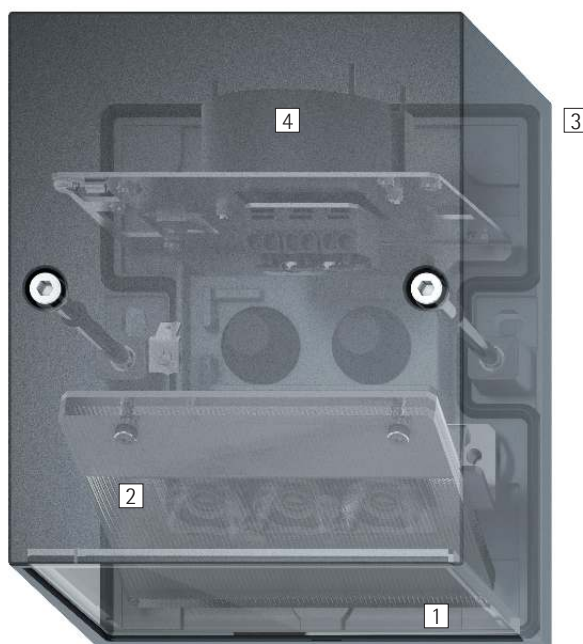
## Kubus – Light from the box

### **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

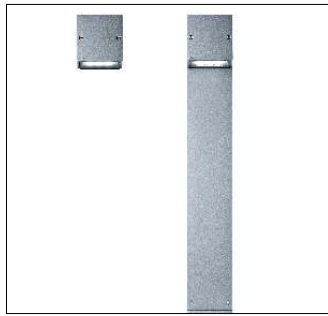
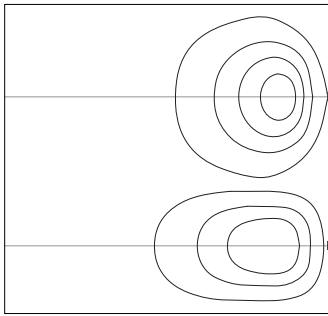
### Variants on request

- 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](http://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 colors



Excellent thermal management



EMC-optimized



Wet location



Accessory for mounting variants



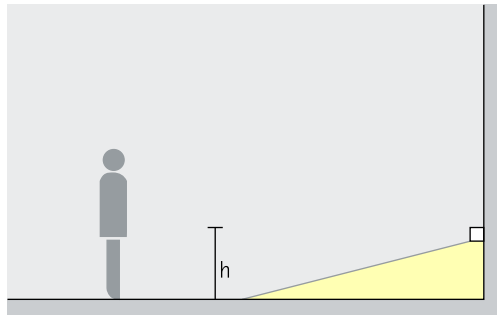
Switchable



Trailing edge dimmable

# Kubus Façade luminaires – Luminaire arrangement

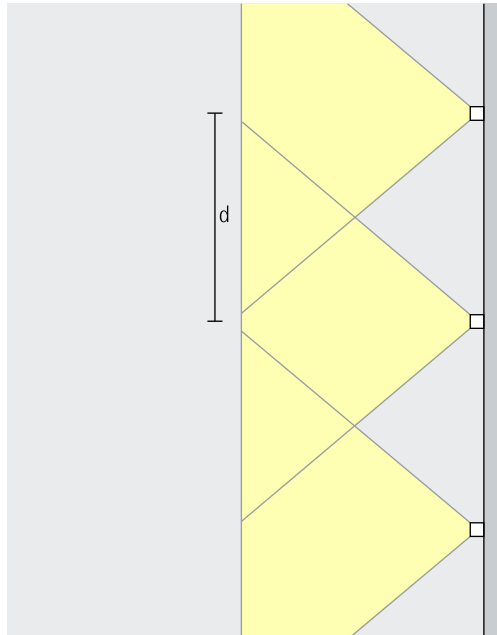
**Floor washlights**  
Wide beam, Deep beam



## Washlighting

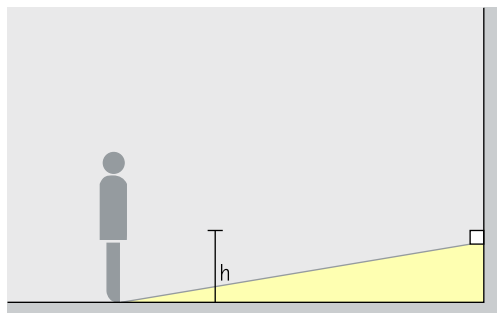
Kubus floor washlights with a wide beam light distribution provide subtle light for a glare-free and uniform illumination of pathways near façades. The recommended mounting height (h) for floor washlights is 2ft above the ground.

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



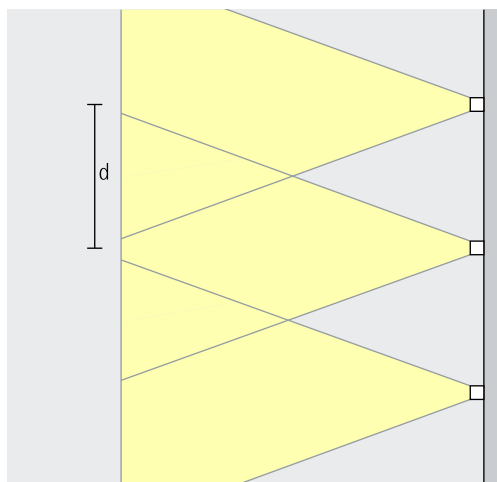
For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

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:  $h = 2\text{ft}$

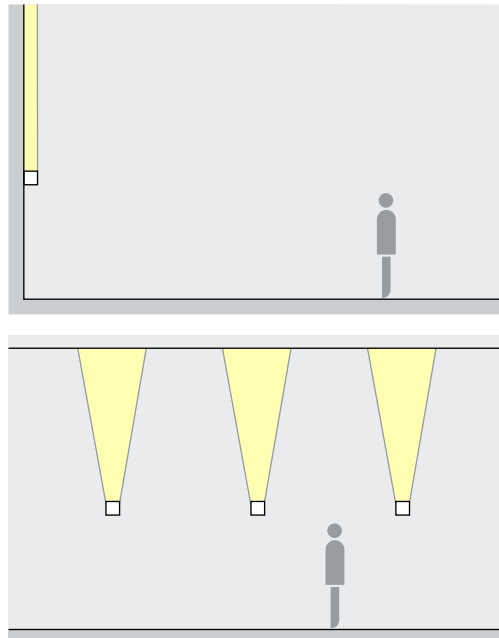


For uniform washlighting of the ground, the luminaire spacing (d) may be up to 2 times the mounting height (h). The luminaire spacing for visual guidance may be up to 10 times the mounting height.

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.

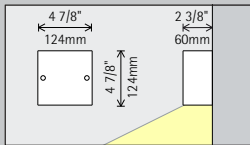
The luminaire spacing for accentuation depends on the grid pattern of the architecture.

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

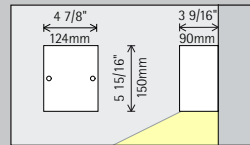


# Kubus Façade luminaires

Construction size 4 7/8"



5 15/16"



LED module  
Maximum value  
at 4000K CRI 82

2.9W/423lm

6.1W/786lm

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)

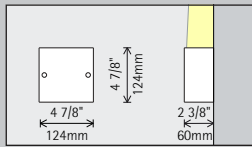
Graphit m  
 10,000 colors \*

Graphit m  
 10,000 colors \*

Accessories

|  |                  |  |                   |
|--|------------------|--|-------------------|
|  | Concrete housing |  | Recessed cassette |
|  | Recessed housing |  | Mounting plate    |

Construction size 4 7/8"



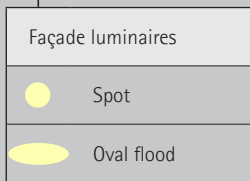
LED module  
Maximum value  
at 4000K CRI 82

2.9W/423lm

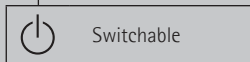
Light color

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

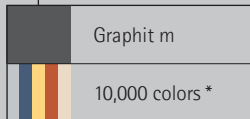
Light distribution



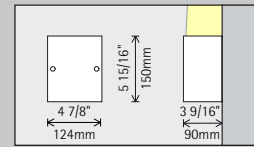
Control



Color (housing)

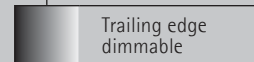
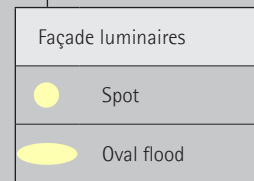


5 15/16"



6.1W/786lm

|  |                |  |                |
|--|----------------|--|----------------|
|  | 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](http://www.erco.com/012852-us)

Design and application:  
[www.erco.com/kubus-f](http://www.erco.com/kubus-f)





Midgardsormen,  
Stavanger. Archi-  
tecture: Asplan  
Viak Thorir Helga-  
son and Torunn  
Tunset. Light-  
ing design: Lyse  
Stavanger. Pho-  
tography: Johan  
Elm, Stockholm.