

**BEGA****22 449**

Wall washer



Project · Reference number

Date

## Product data sheet

### Application

LED wall washer with symmetrical light distribution for the illumination of façades and wall surfaces with the mounting surface being the reflection surface.

The luminaire can be installed with the light distribution opening upwards or downwards.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Clear safety glass  
Silicone gasket  
Reflector made of pure anodised aluminium  
Mounting plate with 3 fixing holes  $\varnothing$  5.3 mm  
Angle  $120^\circ$  · Pitch circle  $\varnothing$  52 mm  
1 cable entry for mains supply cable  
up to  $\varnothing$  10,5 mm max.  $5 \times 1,5^2$   
Connection terminal  $2.5^2$   
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 V  
DALI controllable  
A basic isolation exists between power cable  
and control line  
BEGA Thermal Control®  
Temporary thermal regulation to protect  
temperature-sensitive components without  
switching off the luminaire  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK10  
Protection against mechanical  
impacts < 20 joule  
 – Safety mark  
 – Conformity mark  
Weight: 2.2 kg

### Lamp

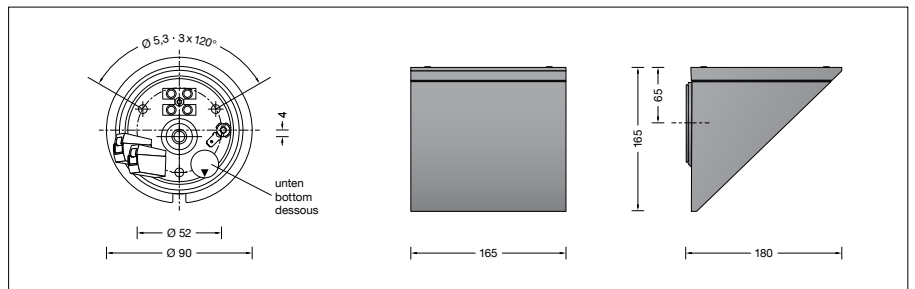
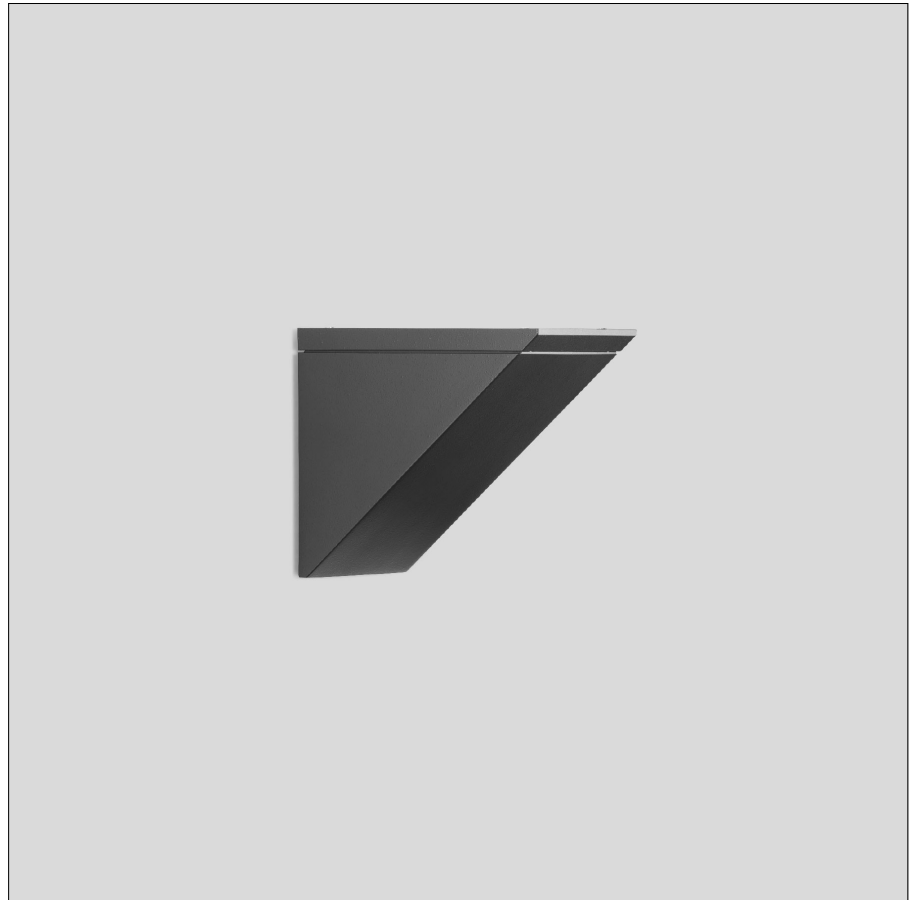
Module connected wattage 17.6 W  
Luminaire connected wattage 19.8 W  
Rated temperature  $t_a = 25^\circ\text{C}$   
Ambient temperature  $t_{a\text{max}} = 55^\circ\text{C}$

### 22 449 K3

Module designation LED-0313/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 3340 lm  
Luminaire luminous flux 2415 lm  
Luminaire luminous efficiency 122 lm/W

### 22 449 K4

Module designation LED-0313/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 3435 lm  
Luminaire luminous flux 2483 lm  
Luminaire luminous efficiency 125,4 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000 h  
LED module: > 200,000 h (L 80 B 50)  
100,000 h (L 90 B 50)

Ambient temperature  $t_{a\text{max}} = 55^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 64,000 h (L 80 B 50)  
97,000 h (L 70 B 50)

### Light technique

Luminaire data for the light planning program  
DIALux for outdoor lighting, street lighting and  
indoor lighting as well as luminaire data in  
EULUMDAT- and IES-format you will find on the  
BEGA web page [www.bega.com](http://www.bega.com).

### Inrush current

Inrush current: 5 A / 100  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:

B 10 A: 56 luminaires  
B 16 A: 90 luminaires  
C 10 A: 56 luminaires  
C 16 A: 90 luminaires

### Article No. 22 449

LED colour temperature optionally 3000 K  
or 4000 K

3000 K – Article number + **K3**  
4000 K – Article number + **K4**

Colour optionally graphite, white or silver  
Graphite – Article number  
White – Article number + **W**  
Silver – Article number + **A**

### Light distribution

