

**BEGA****50 146.5**

Wall washer for indoor use



Project · Reference number

Date

## Product data sheet

### Application

LED wall washer · indoor luminaire for the glare free illumination of wall surfaces with the mounting surface being the reflection surface. The light emits upwards and downwards.

### Product description

Die-cast aluminium and aluminium housing, finish velvet black enamel, matt  
 Crystal glass, inside matt  
 Reflector made of pure anodised aluminium  
 2 mounting holes  $\varnothing$  4.8 mm  
 Distance apart 200 x 65 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<sup>□</sup>  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 2-pole connecting terminal for digital control  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-280 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 Safety class I  
 – Safety mark  
 – Conformity mark  
 Weight: 2.0 kg

### Inrush current

Inrush current: 5 A / 50  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 31 luminaires  
 B16A: 50 luminaires  
 C10A: 52 luminaires  
 C16A: 85 luminaires

### Lamp

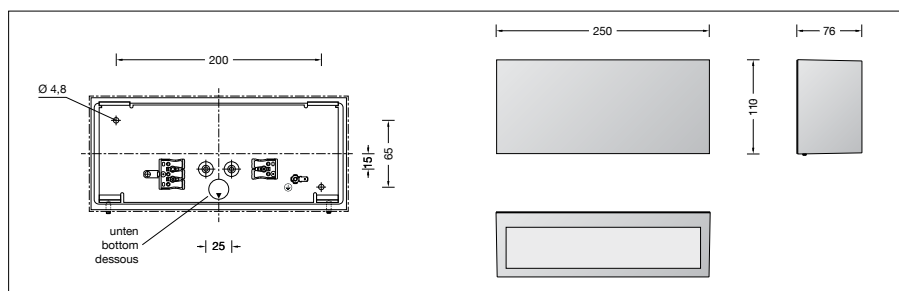
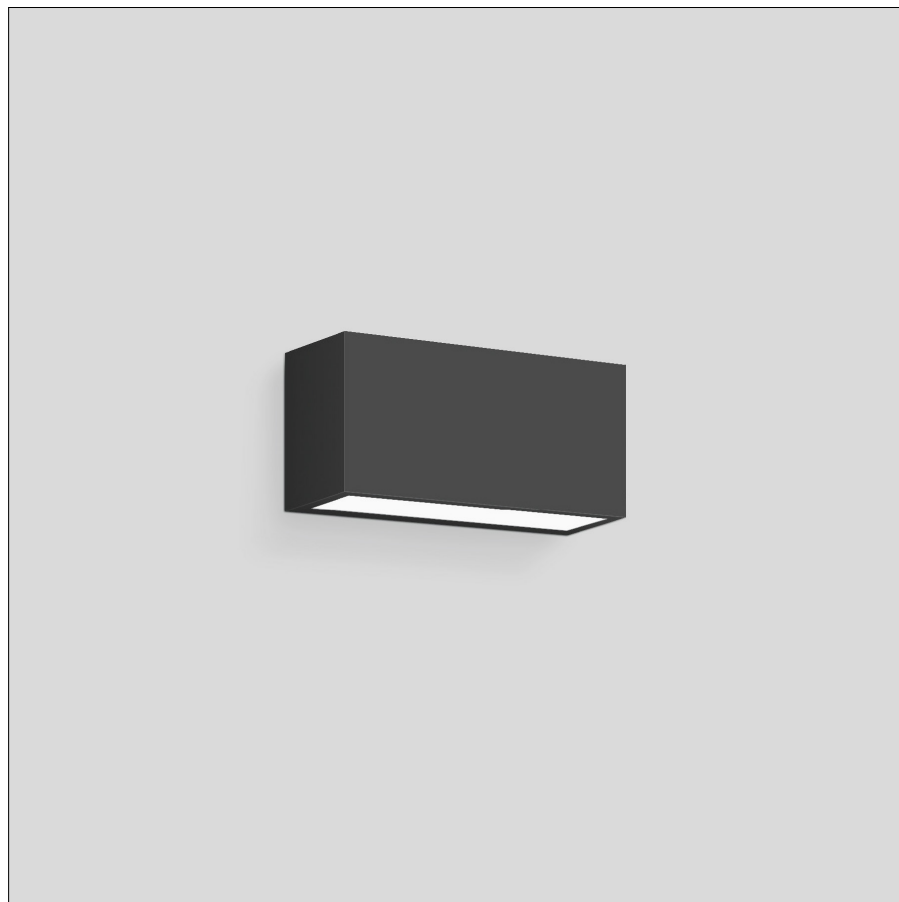
Module connected wattage	25.2 W
Luminaire connected wattage	29 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

### 50 146.5 K3

Module designation	2x LED-0696/930
Colour temperature	3000 K
Colour rendering index	CRI >90
Module luminous flux	3160 lm
Luminaire luminous flux	2244 lm
Luminaire luminous efficiency	77,4 lm/W

### 50 146.5 K4

Module designation	2x LED-0696/940
Colour temperature	4000 K
Colour rendering index	CRI >90
Module luminous flux	3280 lm
Luminaire luminous flux	2330 lm
Luminaire luminous efficiency	80,3 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25^\circ\text{C}$   
 – at 450,000h: L70B50

max. ambient temperature  $t_a = 40^\circ\text{C}$   
 – at 177,000h: L70B50

### 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).

### Article No. 50 146.5

LED colour temperature optionally 3000K or 4000K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

### Finish options

- Enamel, white Code number **.1**
- Enamel, palladium Code number **.4**
- Enamel, velvet black Code number **.5**