

BEGA**50 181.1**

Wall washer for indoor use



Project · Reference number

Date

Product data sheet

Application

LED wall washer · indoor luminaire with asymmetrical light distribution for illuminating wall and ceiling surfaces.

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

Product description

Die-cast aluminium and aluminium housing, finish white enamel

Matt safety glass

Reflector made of pure anodised aluminium

2 mounting holes \varnothing 4.8 mm

Distance apart 128 mm

1 cable entry for mains supply cable

up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$

Connection terminal 2.5^{\square}


Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 170-280 V

Safety class I

 – Safety mark

CE – Conformity mark

Weight: 1.7 kg

Inrush current

Inrush current: 27 A / 250 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 17 luminaires

B16A: 27 luminaires

C10A: 28 luminaires

C16A: 45 luminaires

Lamp

Module connected wattage 10.5 W

Luminaire connected wattage 12.8 W

Rated temperature $t_a = 25^{\circ}\text{C}$

Ambient temperature $t_{a, \text{max}} = 30^{\circ}\text{C}$

50 181.1 K3

Module designation LED-0810/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1320 lm

Luminaire luminous flux* 1100 lm

Luminaire luminous efficiency* 85,9 lm/W

50 181.1 K4

Module designation LED-0810/940

Colour temperature 4000 K

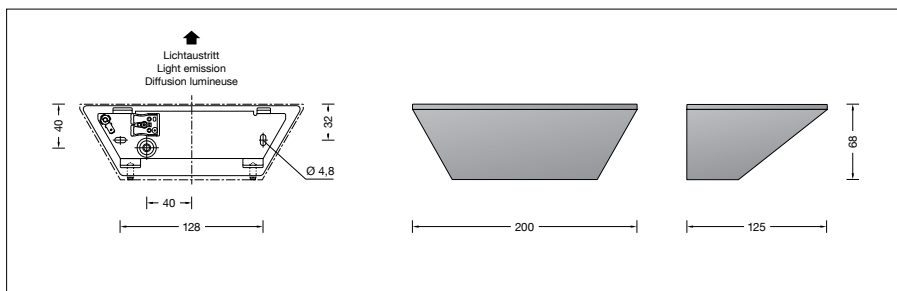
Colour rendering index CRI > 90

Module luminous flux 1365 lm

Luminaire luminous flux* 1138 lm

Luminaire luminous efficiency* 88,9 lm/W

* preliminary data



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$

– at 184,000h: L70B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$

– at 137,000h: 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.

Article No. 50 181.1

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**