

**BEGA****50 201.1**

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  $\varnothing$  4.5 mm

Distance apart 200 mm

2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>□</sup>

Connecting terminal and earth conductor terminal 2.5<sup>□</sup>

2-pole connecting terminal for digital control

LED power supply unit

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

DC 170-276 V

DALI controllable


A basic isolation exists between power cable and control line

Safety class I

Impact strength IK07

Protection against mechanical

impacts < 2 joule

 – Safety mark

**CE** – Conformity mark

Weight: 2.9 kg

### Inrush current

Inrush current: 20 A / 400  $\mu$ s

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

B 10A: 9 luminaires

B 16A: 15 luminaires

C 10A: 16 luminaires

C 16A: 25 luminaires

### Lamp

Module connected wattage 33.6 W

Luminaire connected wattage 38 W

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

Ambient temperature  $t_{a\text{ max}} = 25^\circ\text{C}$

### 50 201.1 K3

Module designation LED-0609/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 4055 lm

Luminaire luminous flux 2822 lm

Luminaire luminous efficiency 74,3 lm/W

### 50 201.1 K4

Module designation LED-0609/940

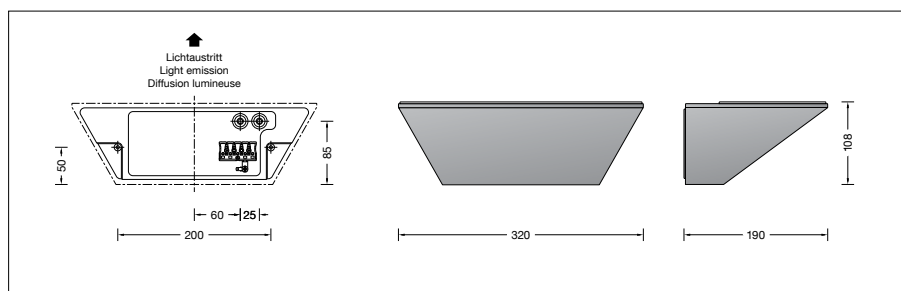
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 4200 lm

Luminaire luminous flux 2926 lm

Luminaire luminous efficiency 77 lm/W



### Service life of the LED

max. ambient temperature  $t_a = 25^\circ\text{C}$

– at 89,000 h: L70 B50

BEGA Thermal control<sup>®</sup> protects temperature-sensitive luminaire components by temporarily limiting the nominal power to 58 % when max.  $t_a = 50^\circ\text{C}$ . Thus, these components reach a service life of minimum 50,000 h even if operated in a high temperature range.

### 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).

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Finish options

- Enamel, white
- Enamel, palladium
- Enamel, velvet black

Code number **.1**

Code number **.4**

Code number **.5**