

BEGA**50 200.5**

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 velvet black enamel, matt
 Matt safety glass
 Reflector made of pure anodised aluminium
 2 mounting holes \varnothing 4.5 mm
 Distance apart 190 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
 Connection terminal 2.5[□]
 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
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
CE – Conformity mark
 Weight: 1.7 kg

Inrush current

Inrush current: 5 A / 50 μ s

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

B 10A: 31 luminaires
 B 16A: 50 luminaires
 C 10A: 52 luminaires
 C 16A: 85 luminaires

Lamp

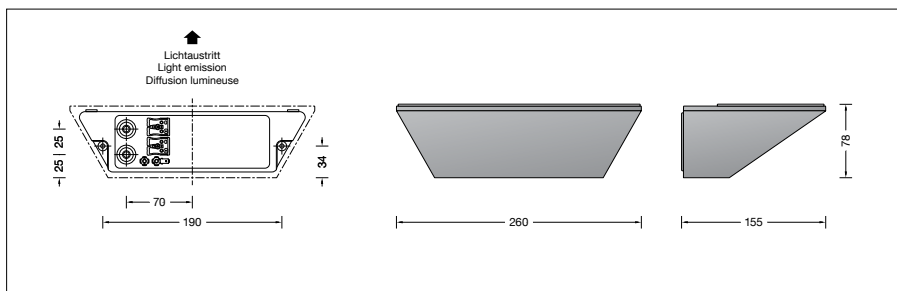
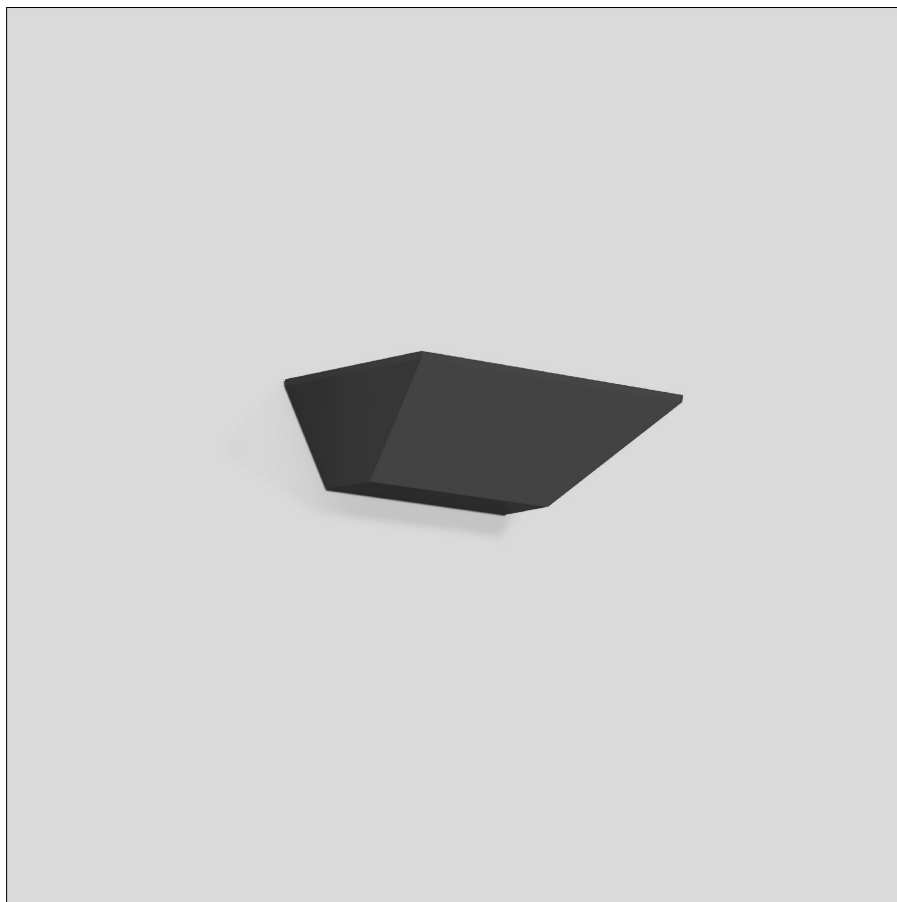
Module connected wattage	16.5 W
Luminaire connected wattage	19.4 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 35$ °C

50 200.5 K3

Module designation	LED-0590/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2040 lm
Luminaire luminous flux	1725 lm
Luminaire luminous efficiency	88,9 lm/W

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Module designation	LED-0590/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2110 lm
Luminaire luminous flux	1784 lm
Luminaire luminous efficiency	92 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at 270,000h: L70B50
 max. ambient temperature $t_a = 35$ °C
 – at 148,000h: 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.

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