

BEGA**31 058**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with shielded light source for many lighting tasks on or in buildings.

Product description

Luminaire made of copper and stainless steel
Opal glass with screw neck
Silicone gasket
Wall mounting with a mounting plate made of stainless steel, Steel grade number 1.4301
Mounting plate with 2 fixing holes \varnothing 4.5 mm · 52 mm spacing
1 cable entry for mains supply cable up to \varnothing 10,5 mm
Connection terminal 2.5²
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Protection class IP 44
Protected against granular foreign bodies \geq 1 mm and splash water
Impact strength IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
Weight: 1.3 kg
This product contains light sources of energy efficiency class(es) C

Inrush current

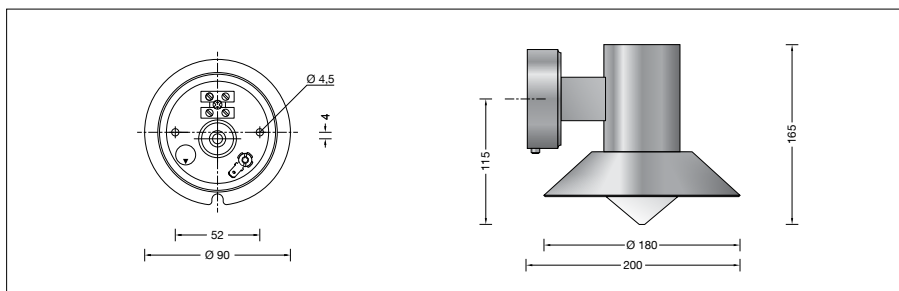
Inrush current: 7.8 A / 112 μ s

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

B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

Copper

The luminaire parts made of solid copper are delivered with the metal's natural surface colour. Time and weather factors create the natural patina characteristic for copper.



Lamp

Module connected wattage	3 W
Luminaire connected wattage	4.1 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$

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)

On request we can offer you modifications for environments with higher temperatures as a customized product.

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	97,000 h (L 80 B 50)
	100,000 h (L 70 B 50)

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Module designation	LED-0422/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	525 lm
Luminaire luminous flux	306 lm
Luminaire luminous efficiency	74,6 lm/W

Light technique

Part of the light shines upwards through a slit in the reflector shield.
The shape of the luminaire thus remains visible, even in the dark.