

BEGA**31 171**

Wall luminaire



Project · Reference number


Date

Product data sheet

Application

Wall luminaire with larger overhang and predefined light direction.
For the illumination of surfaces which are in front of the mounting surface.

Product description

Luminaire made of copper,
brass 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 5,5 mm · 70 mm spacing
1 cable entry for mains supply cable up to \varnothing 10,5 mm
Connecting terminal 2.5[□] with plug connection
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 IK04
Protection against mechanical impacts < 0.5 joule
 – Safety mark
CE – Conformity mark
Weight: 2.2 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

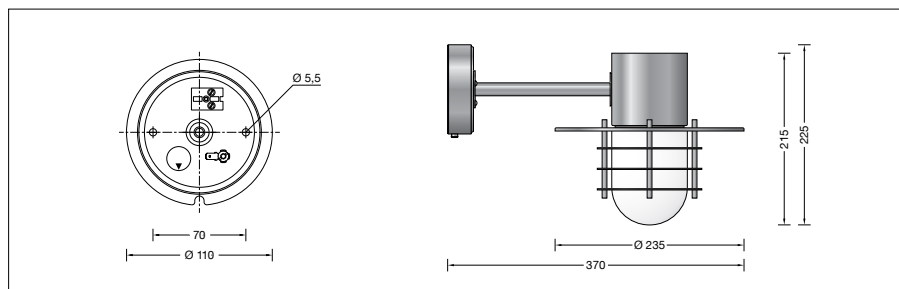
C 16A: 102 luminaires

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.

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.



Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

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

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Module designation	LED-0480/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	715 lm
Luminaire luminous flux	376 lm
Luminaire luminous efficiency	75,2 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000h
LED module:	> 500,000h (L.80 B.50)
	100,000h (L.90 B.50)

Ambient temperature max. $t_a = 40$ °C (100 %)	
LED psu:	50,000h
LED module:	> 200,000h (L.80 B.50)
	100,000h (L.90 B.50)