BEGA

31 099

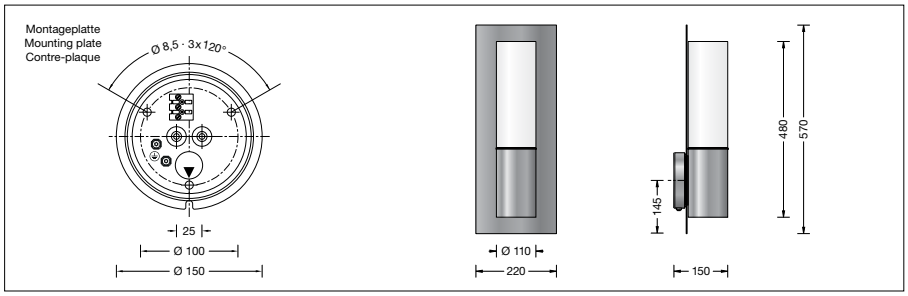
Wall luminaire

10 IP 44

Project · Reference number

Date

Product data sheet



Application
LED wall luminaire made of copper and opal glass.
The used LED technique offers durability and optimal light output with low power consumption at the same time.
For many lighting tasks on or in buildings.

Product description
Luminaire made of copper and stainless steel
Opal glass with screw neck
Wall mounting with a mounting plate made of stainless steel, Steel grade number 1.4301
Mounting plate with 3 fixing holes ø 8.5 mm
Angle 120° · Pitch circle ø 100 mm
2 cable entries for through-wiring of mains supply cable ø 7-10,5 mm,
max. 3 G 1.5□
Plug connection
Connecting terminal 2.5□
Earth conductor connection
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
DC Start ≥ 198 V
Safety class I
Protection class IP 44
Protected against granular foreign bodies > 1 mm and splash water
Impact strength IK03
Protection against mechanical impacts < 0.35 joule
10 – Safety mark
CE – Conformity mark
Weight: 7.2 kg

Inrush current
Inrush current: 15 A / 175 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 30 luminaires
B 16 A: 49 luminaires
C 10 A: 51 luminaires
C 16 A: 82 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	8.4 W
Luminaire connected wattage	10.2 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 35 °C
Module designation	LED-0254/830
Colour temperature	3000 K
Colour rendering index	R_a > 80
Module luminous flux	840 lm
Luminaire luminous flux	447 lm
Luminaire luminous efficiency	43,8 lm/W

Lifetime of the LED
Ambient temperature t_a = 15 °C
– at 50,000 h: L 80 B 10
– at 120,000 h: L 70 B 50

Ambient temperature t_a = 25 °C
– at 50,000 h: L 80 B 10
– at 100,000 h: L 70 B 50

max. ambient temperature t_a = 35 °C
– at 50,000 h: L 80 B 50
– at 80,000 h: L 70 B 50