

BEGA**31 085**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED luminaire with hand-blown crystal glass for a variety of lighting tasks. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

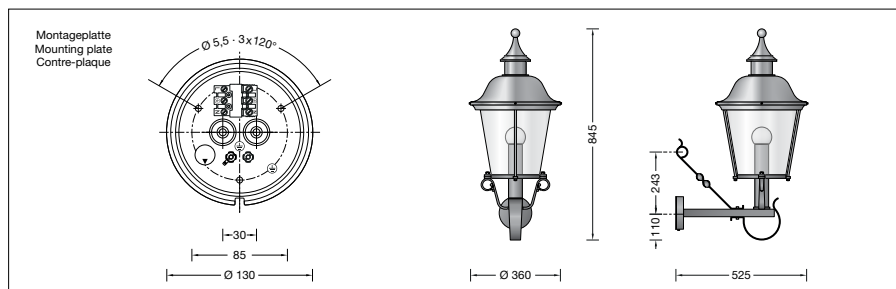
Luminaire made of aluminium alloy, aluminium and copper
 Luminaire top made of copper
 Crystal glass
 Mounting plate with 3 fixing holes \varnothing 5.5 mm
 Angle 120° · Pitch circle \varnothing 85 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 3G 1.5[□]
 Plug connection
 Connecting terminal 2.5[□]
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 Safety class I
 Protection class IP 23
 Protected against granular foreign bodies > 12 mm and showers up to 60°
 – Safety mark
 – Conformity mark
 Weight: 7.5 kg

Inrush current

Inrush current: 20 A / 80 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 35 luminaires
 B16A: 56 luminaires
 C10A: 58 luminaires
 C16A: 94 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	13 W
Luminaire connected wattage	15 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

Module designation	LED-0484/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1415 lm
Luminaire luminous flux	692 lm
Luminaire luminous efficiency	46,1 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15^\circ\text{C}$
– at 50,000h: L90B10
– at 350,000h: L70B50
Ambient temperature $t_a = 25^\circ\text{C}$
– at 50,000h: L90B50
– at 260,000h: L70B50
max. ambient temperature $t_a = 40^\circ\text{C}$
– at 50,000h: L80B10
– at 170,000h: L70B50