

BEGA**31 437**

Pillar luminaire



Project · Reference number


Date

Product data sheet

Application

LED luminaire made of copper for installation on pillars, walls and parapets. Ideal for places where a soft and uniform lighting distribution is required. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

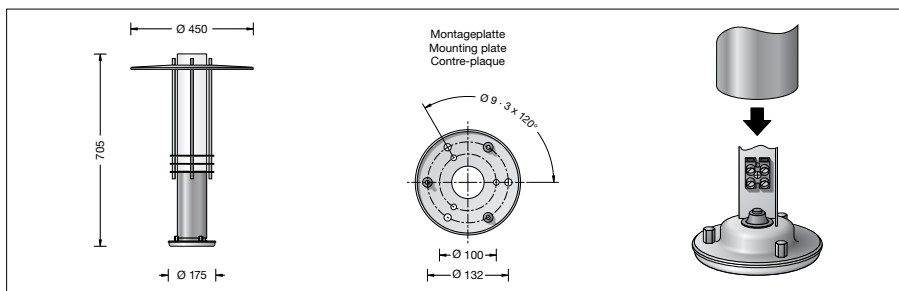
Luminaire made of copper,
brass and stainless steel
Opal glass with screw neck
Silicone gasket
Mounting plate with 3 holes \varnothing 9 mm
Pitch circle \varnothing 100 mm and 132 mm
Angle 120°
1 cable entry for mains supply cable
up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$
Connecting terminal 2.5 $^{\square}$
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 198-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK06
Protection against mechanical
impacts < 1 joule
 – Safety mark
CE – Conformity mark
Weight: 9,4 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 30 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 80 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	22 W
Luminaire connected wattage	25.5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^{\circ}\text{C}$

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

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Module designation	2x LED-0486/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2290 lm
Luminaire luminous flux	1342 lm
Luminaire luminous efficiency	52,6 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15^{\circ}\text{C}$	
– at 50,000h:	L70B10
– at 59,000h:	L70B50

Ambient temperature $t_a = 25^{\circ}\text{C}$	
– at 50,000h:	L70B50
– at 52,000h:	L70B50

max. ambient temperature $t_a = 30^{\circ}\text{C}$	
– at 50,000h:	L70B50
– at 51,000h:	L70B50