

BEGA**31 400**

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.

Product description

Luminaire made of copper,
brass and stainless steel
Opal glass with screw neck
Silicone gasket
3 holes \varnothing 7 mm pitch circle \varnothing 70 mm
and 3 holes \varnothing 9 mm pitch circle \varnothing 100 mm
1 cable entry for mains supply cable
up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$
Connection terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK04
Protection against mechanical
impacts < 0.5 joule
 – Safety mark
CE – Conformity mark
Weight: 3.4 kg

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 38 luminaires
B16A: 61 luminaires
C10A: 64 luminaires
C16A: 102 luminaires

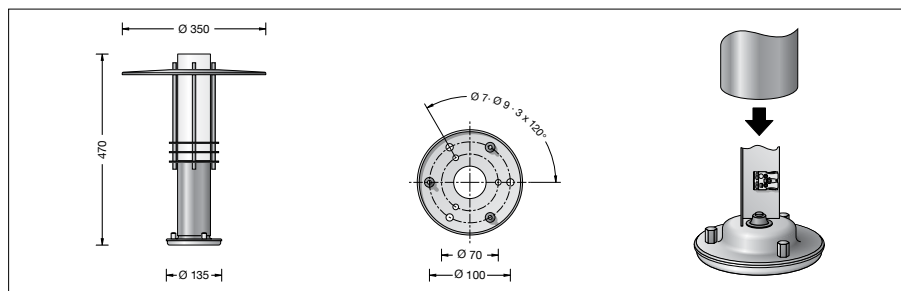
Lamp

| | |
|-----------------------------|--|
| Module connected wattage | 3.8 W |
| Luminaire connected wattage | 4.9 W |
| Rated temperature | $t_a = 25^{\circ}\text{C}$ |
| Ambient temperature | $t_{a\text{max}} = 45^{\circ}\text{C}$ |

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

31 400 K3

| | |
|-------------------------------|-----------------|
| Module designation | 2x LED-0253/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 700 lm |
| Luminaire luminous flux | 449 lm |
| Luminaire luminous efficiency | 91,6 lm/W |



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at > 500,000h: L70B50

max. ambient temperature $t_a = 45^{\circ}\text{C}$
– at 260,000h: L70B50

Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com.

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.