

**BEGA****31 806**

Pillar luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded LED luminaire for installation on pillars, walls and parapets.  
The used LED technique offers durability and optimal light output with low power consumption at the same time.

### Product description

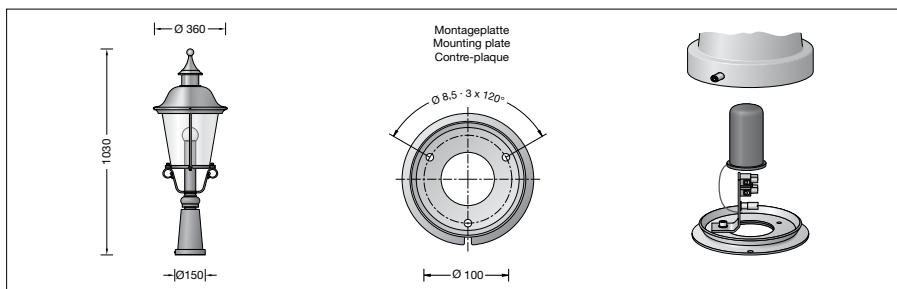
Luminaire made of aluminium alloy, aluminium and copper  
Crystal glass  
Mounting plate with 3 fixing holes  $\varnothing$  8.5 mm  
Angle 120° · Pitch circle  $\varnothing$  100 mm  
Mounting bracket with 2-pole terminal block 4<sup>□</sup> and earth conductor terminal for connection of mains supply cable max. 3 × 2.5<sup>□</sup>  
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: 8.9 kg

### Inrush current

Inrush current: 20 A / 80  $\mu$ 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  
Luminaire connected wattage  
Rated temperature  
Ambient temperature

13 W  
15 W  
 $t_a = 25$  °C  
 $t_{a \max} = 40$  °C

Module designation  
Colour temperature  
Colour rendering index  
Module luminous flux  
Luminaire luminous flux  
Luminaire luminous efficiency

LED-0484/830  
3000 K  
 $R_a > 80$   
1415 lm  
692 lm  
46,1 lm/W

### Lifetime of the LED

Ambient temperature  $t_a = 15$  °C  
– at 50,000h: L90B10  
– at 350,000h: L70B50

Ambient temperature  $t_a = 25$  °C  
– at 50,000h: L90B50  
– at 260,000h: L70B50

max. ambient temperature  $t_a = 40$  °C  
– at 50,000h: L80B10  
– at 170,000h: L70B50