

BEGA**84 410**

Bollard

IP 65

Project · Reference number

Date

Product data sheet

Application

LED bollard with single sided light output and unshielded light distribution.
For areal illumination of pathways, access road and squares.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass, white
Silicone gasket
Luminaire with mounting base made of hot-dip galvanised steel according to EN ISO 1461 for bolting on a foundation or anchorage unit
Base plate with 2 elongated holes
Width 9 mm · 125 mm spacing
Connection box 71 084 for through-wiring – for 2 cables up to 7 × 6²
Fuse terminal with micro fuse
6,3 A slow \varnothing 5 × 20 mm
LED power supply unit
220-240 V \approx 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
CE – Conformity mark
Weight: 8.2 kg

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

Lamp

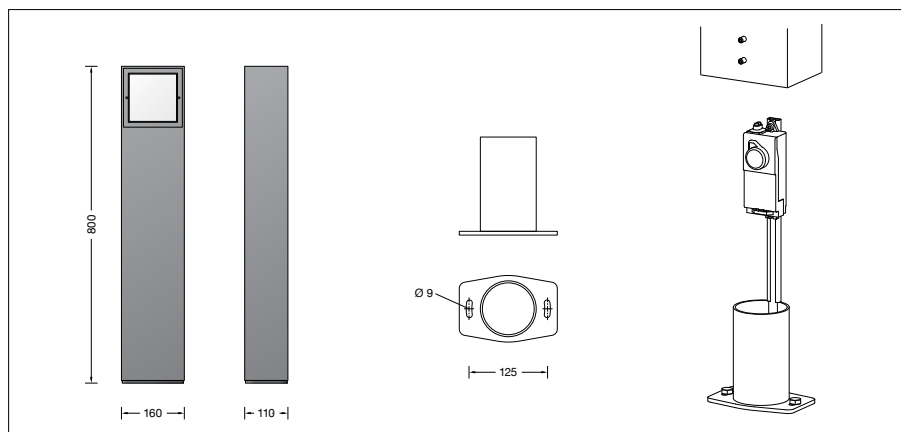
Module connected wattage 2.8 W
Luminaire connected wattage 3.9 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$

84 410 K3

Module designation LED-0356/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 580 lm
Luminaire luminous flux 323 lm
Luminaire luminous efficiency 82,8 lm/W

84 410 K4

Module designation LED-0356/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 595 lm
Luminaire luminous flux 331 lm
Luminaire luminous efficiency 84,9 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000h
LED module: > 200,000h (L80B50)
100,000h (L90B50)

Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 158,000h (L80B50)

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.

Article No. 84 410

LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Accessories

71 178 Anchorage unit
Anchorage unit with mounting flange made of galvanised steel. Total length 410 mm.
2 stainless steel fixing screws M 8.
125 mm spacing

For the accessories a separate instructions for use can be provided upon request.

Light distribution