

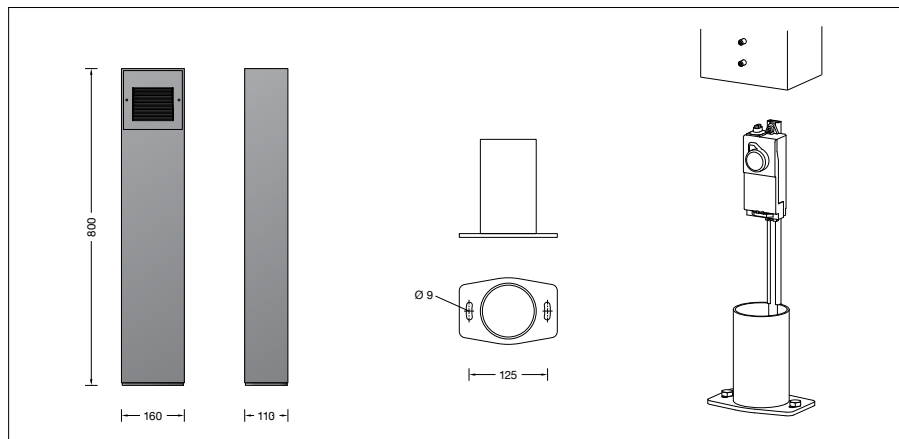
BEGA**84 414**

Bollard

IP 65

Project · Reference number

Date



Product data sheet

Application

LED bollard with single sided light output.
Light output directed downwards.
For glarefree lighting of squares, entrances and wide footpaths in private and public areas.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Tricoat® coating technology
Matt safety glass
Reflector made of pure anodised aluminium
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 × 6[□]
Fuse terminal with micro fuse
6,3 A slow \varnothing 5 × 20 mm
LED power supply unit
220-240 V \sim 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 IK10
Protection against mechanical impacts < 20 joule
CE – Conformity mark
Weight: 8.2 kg

Lamp

Module connected wattage 2.9 W
Luminaire connected wattage 4 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{max}} = 50\text{ °C}$

84 414 K3

Module designation LED-0750/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 565 lm
Luminaire luminous flux 266 lm
Luminaire luminous efficiency 66,5 lm/W

84 414 K4

Module designation LED-0750/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 580 lm
Luminaire luminous flux 274 lm
Luminaire luminous efficiency 68,5 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{max}} = 50\text{ °C}$ (100 %)

LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

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

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. 84 414

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

