

BEGA**84 220**

Bollard

IP 65

Project · Reference number

Date

Product data sheet

Application

Shielded LED bollard with square profile and flat beam light distribution.
For the illumination of paths, squares, access roads and entry areas.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
Mounting plate with two pitch circles:
ø 70 mm, 3 elongated holes 7 mm wide
ø 100 mm, 3 elongated holes 9 mm wide
Connection box for through-wiring
– for 2 cables up to 5 × 2,5²
Fuse terminal with micro fuse
6.3 A slow ø 5 × 20 mm
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-276 V
DALI controllable
A basic isolation exists between power cable and control line
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
CE – Conformity mark
Weight: 5.8 kg

Inrush current

Inrush current: 4 A / 30 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 50 luminaires
B 16 A: 50 luminaires
C 10 A: 50 luminaires
C 16 A: 50 luminaires

Lamp

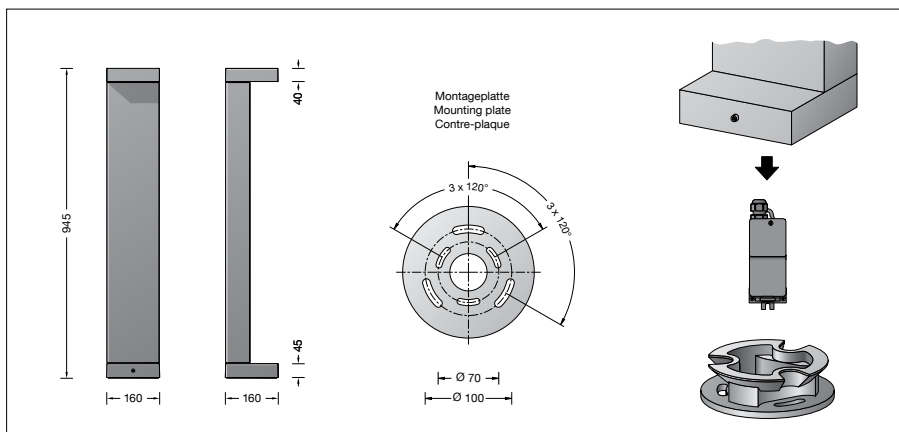
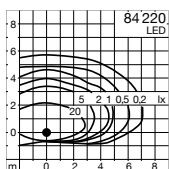
Module connected wattage 11.5 W
Luminaire connected wattage 13.8 W
Rated temperature $t_a = 25\text{ °C}$
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

84 220 K3

Module designation LED-0483/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 2270 lm
Luminaire luminous flux 1434 lm
Luminaire luminous efficiency 103,9 lm/W

84 220 K4

Module designation LED-0483/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module flux 2335 lm
Luminaire luminous flux 1475 lm
Luminaire luminous efficiency 106,9 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25\text{ °C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: 184,000 h (L80 B50)
100,000 h (L90 B50)

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. 84 220

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

Colour graphite or silver
graphite – article number
silver – article number + **A**

Accessory

70 895 Anchorage unit with mounting flange made of hot-dip galvanised steel. Total length 400 mm. 3 stainless steel fixing screws M8. Pitch circle ø 100 mm.

See the separate instructions for use.