

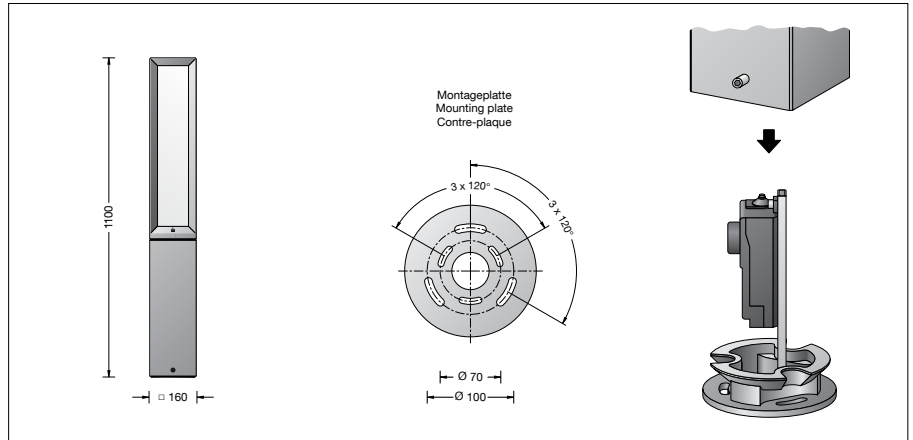
BEGA**84 667**

Bollard



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 White synthetic diffuser
 Silicone gasket
 Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
 Mounting plate with two pitch circles:
 \varnothing 70 mm, 3 elongated holes 7 mm wide
 \varnothing 100 mm, 3 elongated holes 9 mm wide
 Luminaire can be aligned on the mounting plate around 360°
 Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to $5 \times 4^{\square}$ with fuse Neozed D 01 · 6 A
 LED power supply unit
 220-240 V \sim 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
 – Safety mark
 – Conformity mark
 Weight: 9.7 kg

Application

LED bollard with light output on all sides.
 Robust, trellised luminaire with square layout.
 Luminaire which provides surface illumination pathways, driveways and squares with light output on all sides.

Lamp

Module connected wattage 22.4 W
 Luminaire connected wattage 27 W
 Rated temperature $t_a = 25^{\circ}\text{C}$
 Ambient temperature $t_{a\text{max}} = 55^{\circ}\text{C}$

84 667 K3

Module designation 8x LED-0614/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 3840 lm
 Luminaire luminous flux 2372 lm
 Luminaire luminous efficiency 87,9 lm/W

84 667 K4

Module designation 8x LED-0614/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 4240 lm
 Luminaire luminous flux 2619 lm
 Luminaire luminous efficiency 97 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^{\circ}\text{C}$
 LED psu: > 50,000h
 LED module: 120,000h (L80B50)

Ambient temperature $t_{a\text{max}} = 55^{\circ}\text{C}$ (100 %)
 LED psu: 50,000h
 LED module: 105,000h (L80B50)

Inrush current

Inrush current: 12 A / 24.2 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 50 luminaires
 B 16A: 50 luminaires
 C 10A: 50 luminaires
 C 16A: 50 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. 84 667

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 \varnothing 100 mm.

See the separate instructions for use.

Light distribution