

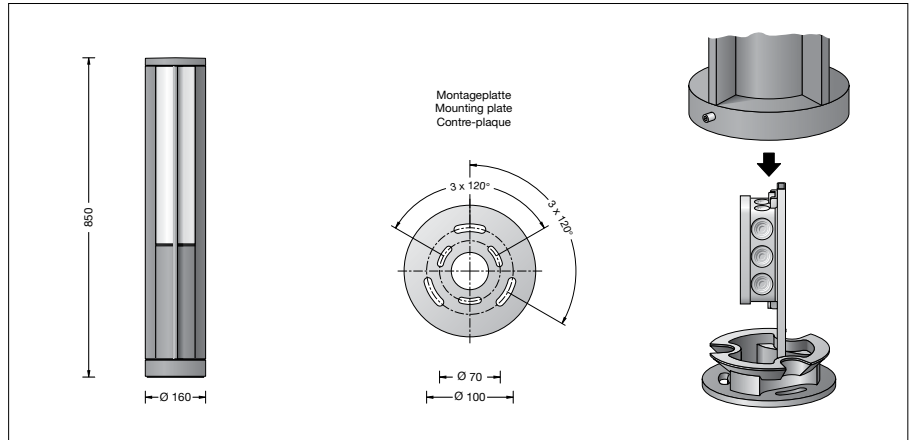
BEGA**84 602**

Bollard

 IP 65



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Synthetic cylinder, white
 Silicone gasket
 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
 Luminaire can be aligned on the mounting plate around 360°
 Mounting bracket with connection box for through-wiring of up to 5 × 2,5[□]
 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 IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 7.0 kg

Application

Bollard with rotationally symmetrical light distribution.
 A luminaire with a white synthetic cylinder for uniform, unshielded light.
 For orientation, demarcation and guidance lighting applications in public and private areas.

Lamp

Module connected wattage 15.2 W
 Luminaire connected wattage 17.6 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{max}} = 55\text{ °C}$

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Module designation 4x LED-0701/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 3020 lm
 Luminaire luminous flux 2020 lm
 Luminaire luminous efficiency 114,8 lm/W

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Module designation 4x LED-0701/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 3120 lm
 Luminaire luminous flux 2087 lm
 Luminaire luminous efficiency 118,6 lm/W

Service life · Ambient temperature

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

Ambient temperature $t_{a\text{max}} = 55\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 97,000 h (L80B50)
 100,000 h (L70B50)

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. 84 602

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.

Light distribution

