BEGA

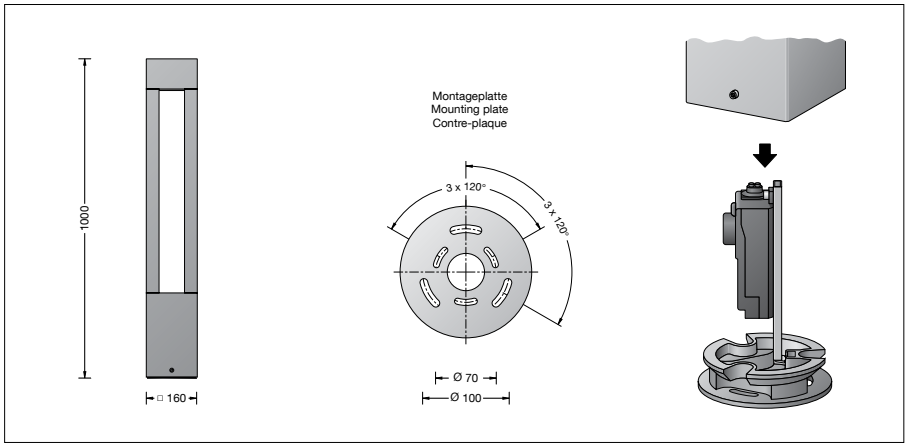
84 063

Bollard

IP 65

Project · Reference number

Date



Product data sheet

Product description
The luminaire consists of aluminium profiles, cast aluminium and stainless steel
BEGA Unidure® coating technology
Clear 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
Mounting bracket with connection box 70 632 for through-wiring – for 2 cables up to 5 × 4□ with fuse Neozed D 01 · 6 A
BEGA Ultimate Driver®
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
DALI-controllable
Basic insulation is provided between the mains and control cables
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
CE – Conformity mark
Weight: 10.8 kg

Application
Shielded bollard with rotationally symmetrical, broad spread light distribution.
For the illumination of squares, access roads and entry areas.
A robust and distinctive luminaire with impressive light graphic and high illuminance on the floor space.

Lamp

Module connected wattage	19.2 W
Luminaire connected wattage	21.8 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C

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Module designation	LED-0389/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3820 lm
Luminaire luminous flux	1439 lm
Luminaire luminous efficiency	66 lm/W

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Module designation	LED-0389/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3930 lm
Luminaire luminous flux	1480 lm
Luminaire luminous efficiency	67,9 lm/W

Lighting technology
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Ratio of luminous flux

Luminous flux upper half-space	0,5 %
Luminous flux lower half-space	99,5 %

BUG rating according to IES TM-15-07:
1 – 1 – 1
CEN Flux Code according to EN 13032-2:
35 – 66 – 93 – 100 – 100

Inrush current
Inrush current: 5 A / 100 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 56 luminaires
B 16 A: 90 luminaires
C 10 A: 56 luminaires
C 16 A: 90 luminaires

Service life · Ambient temperature
Rated temperature t_a = 25 °C
LED psu: > 50,000 h
LED module: 116,000 h (L 80 B 50)
100,000 h (L 80 B 10)

Ambient temperature max. t_a = 40 °C (100 %)
LED psu: 50,000 h
LED module: 48,000 h (L 80 B 50)
73,000 h (L 70 B 50)

Ambient temperature max. t_a = 50 °C (68 %)
LED psu: > 50,000 h
LED module: > 50,000 h (L 70 B 50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Article No. 84 063
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