

BEGA**85 182**

Garden and pathway luminaire



Project · Reference number

Date

Product data sheet

Application

Garden and path luminaire with shielded, flat beam light directed downwards for illuminating entrances, footpaths as well as many areas of garden and landscape architecture. The light point is integrated as a cut-out in the bollard tube of the luminaires.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Matt safety glass
 Reflection surface graphite
 Luminaire with anchorage unit for fixing in the soil
 The anchorage unit is made of galvanised steel according to EN ISO 1461
 Connection set with gasket insert and drip-proof cap for through-wiring power connecting cables of \varnothing 10–13.5 mm, max. 3 G 2.5[□]
 BEGA Ultimate Driver®
 Complies with flicker requirements in accordance with IEEE 1789,
 DIN IEC/TR 63158, DIN IEC/TR 61547-1
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 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: 3.9 kg
 This product contains light sources of energy efficiency class(es) C

Lamp

| | |
|-----------------------------|-----------------------------------|
| Module connected wattage | 4.8 W |
| Luminaire connected wattage | 5.8 W |
| Rated temperature | $t_a = 25\text{ °C}$ |
| Ambient temperature | $t_{a\text{ max}} = 55\text{ °C}$ |

85 182 K3

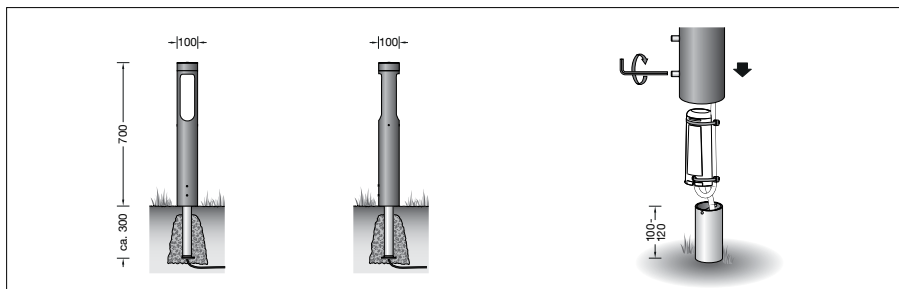
| | |
|-------------------------------|--------------|
| Module designation | LED-0759/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 940 lm |
| Luminaire luminous flux | 350 lm |
| Luminaire luminous efficiency | 60,3 lm/W |

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 max. $t_a = 55\text{ °C}$ (100 %)

| | |
|-------------|-----------------------|
| LED psu: | 50,000 h |
| LED module: | > 200,000 h (L80 B50) |
| | 100,000 h (L90 B50) |



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.
 Recommended light point interval 4 m