

BEGA**84 176**

Garden and pathway luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

Garden and pathway luminaire with light directed downwards for effective illumination in private gardens.
Luminaire for the uniform, glare-free illumination of ground surfaces.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Mounting plate with 4 elongated holes, width 5 mm, distance 103 x 38 mm for bolting onto a foundation
Line connector for mains supply cable up to \varnothing 13 mm · max. 3 x 2,5[□]
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
CE – Conformity mark
Weight: 2.6 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 35 luminaires
B16A: 56 luminaires
C10A: 58 luminaires
C16A: 94 luminaires

Lamp

| | |
|-----------------------------|---------------------|
| Module connected wattage | 11.6 W |
| Luminaire connected wattage | 13.6 W |
| Rated temperature | $t_a = 25$ °C |
| Ambient temperature | $t_{a,max} = 45$ °C |

On request we can offer you modifications for environments with higher temperatures as a customized product.

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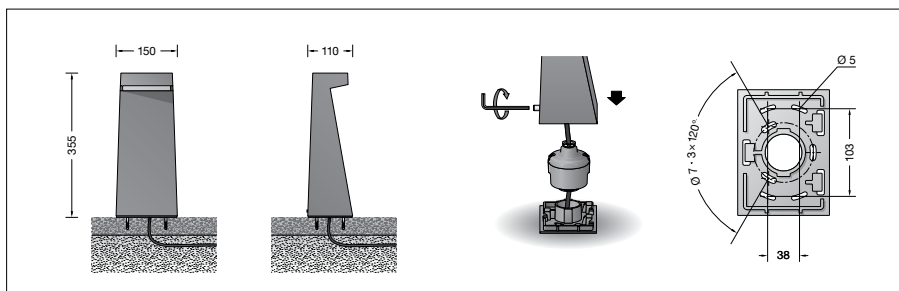
| | |
|-------------------------------|--------------|
| Module designation | LED-0760/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 2255 lm |
| Luminaire luminous flux | 851 lm |
| Luminaire luminous efficiency | 62,6 lm/W |

Service life · Ambient temperature

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

Ambient temperature $t_{a,max} = 45$ °C (100 %)

| | |
|-------------|---|
| LED psu: | 50,000 h |
| LED module: | 77,000 h (L80 B50) 100,000 h (L70 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.
Recommended light point interval 6 m.

Article No. 84 176

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

Accessories

Distribution box for installation in soil
70 730 Distribution box with 7 cable entries
Connection terminals 5 x 4[□]
71 053 Distribution box with 10 cable entries
Connection terminals 6 x 16[□]

See the separate instructions for use.