

BEGA**55 010**

Garden luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

Portable LED garden luminaire with earthspike, connecting cable and power plug.
Luminaire with opal glass for a soft and uniform light distribution.

Product description

Luminaire with earthspike made of glass-fibre reinforced polyamide synthetic
Opal glass with screw neck
Silicone gasket
Factory pre-wired with
5 m connecting cable H05RN-F 3G1[□] and power plug
LED power supply unit
220-240 V ~ 0/50-60 Hz
Safety class I
Protection class safety plug IP X4
Protected against splash water
Protection class luminaire IP 65
Dusttight and protected against water jets
Impact strength IK06
Protection against mechanical impacts < 1 joule
CE – Conformity mark
Weight: 1.2 kg

Inrush current

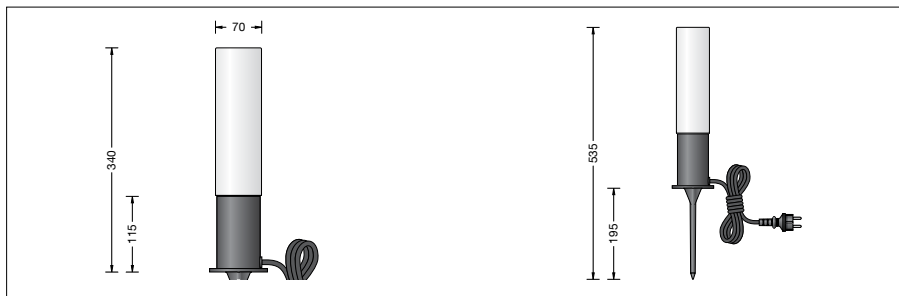
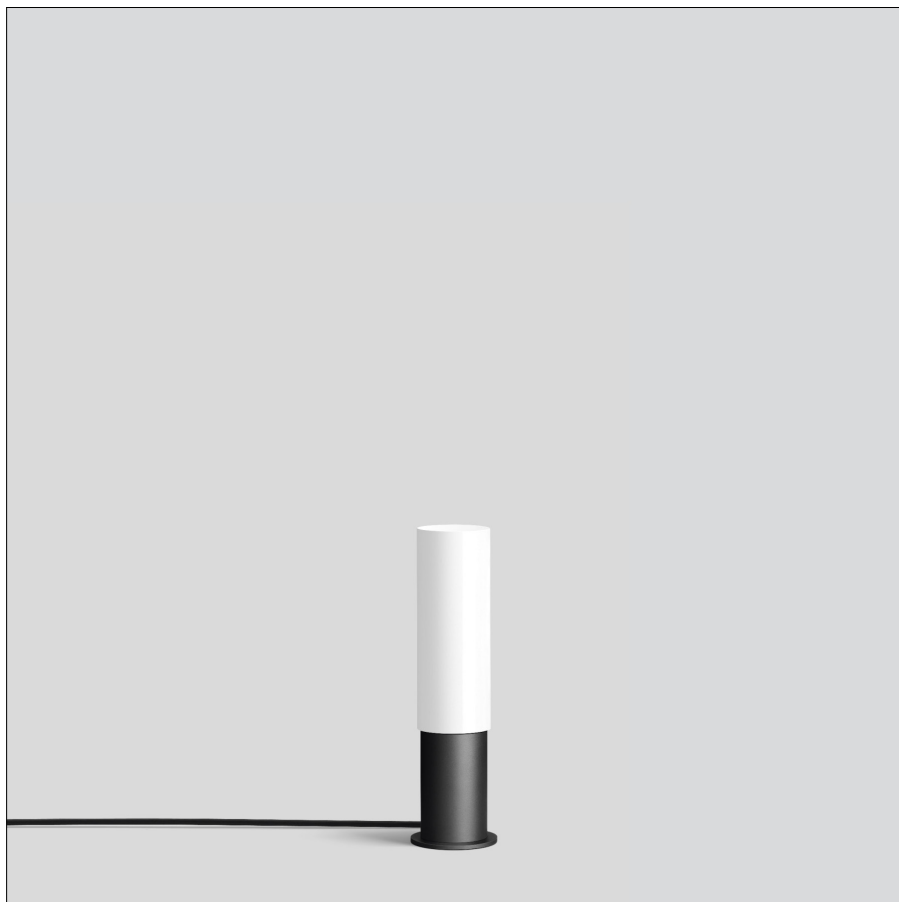
Inrush current: 6 A / 102 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 60 luminaires
B16A: 96 luminaires
C10A: 100 luminaires
C16A: 161 luminaires

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.

Lamp

| | |
|-----------------------------|----------------------------|
| Module connected wattage | 1.9 W |
| Luminaire connected wattage | 2.5 W |
| Rated temperature | $t_a = 25\text{ °C}$ |
| Ambient temperature | $t_{a,max} = 55\text{ °C}$ |



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

55 010 K3

| | |
|-------------------------------|--------------|
| Module designation | LED-0684/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 295 lm |
| Luminaire luminous flux | 236 lm |
| Luminaire luminous efficiency | 94,4 lm/W |

Lifetime of the LED

Ambient temperature $t_a = 15\text{ °C}$
– at 50,000 h: L90B10
– at 400,000 h: L70B50

Ambient temperature $t_a = 25\text{ °C}$
– at 50,000 h: L90B10
– at 400,000 h: L70B50
max. ambient temperature $t_a = 55\text{ °C}$
– at 50,000 h: L90B10
– at 270,000 h: L70B50

Accessories

Permanent connecting pillar optionally with anchorage unit or screw-on base, for electrical connection of portable garden luminaires and electric gardening tools.

- 70 704** with anchorage unit and 2 safety socket outlets
- 70 706** with screw-on base and 2 safety socket outlets
- 70 705** with anchorage unit and 3 safety socket outlets
- 70 709** with screw-on base and 3 safety socket outlets

Portable connecting pillar

- 10 713** with earth spike and 2 safety socket outlets

For the accessories a separate instructions for use can be provided upon request.