

**BEGA****84 084**

In-ground luminaire

IP 67

Project · Reference number

Date

## Product data sheet

**Application**

LED in-ground luminaire with symmetrical light distribution directed upwards for accentuated illumination of private gardens.

Luminaire resistant to foot traffic for flush installation in soil, lawn or gravel.

Luminaire must not be overrun by vehicles.

**Product description**

Luminaire housing made of

glass-fibre reinforced synthetic

Cover ring made of stainless steel

Steel grade no. 1.4301

Clear safety glass

Reflector surface made of pure aluminium

1,8 m water-resistant connecting cable

07RN8-F 3 G 1<sup>□</sup> with implemented water

stopper and 1.2 m PVC cable conduit

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-264 V

Safety class I

Protection class IP 67

Dust-tight and protection against temporary immersion

Pressure load 150 kg (~1,500 N)

Impact strength IK08

Protection against mechanical

impacts < 5 joule

CE – Conformity mark

Weight: 0.75 kg

**Inrush current**

Inrush current: 7 A / 112 µs

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 38 luminaires

B 16A: 61 luminaires

C 10A: 64 luminaires

C 16A: 102 luminaires

**Lamp**

Module connected wattage 3 W

Luminaire connected wattage 4.1 W

Rated temperature  $t_a = 25\text{ °C}$

Ambient temperature  $t_{a\text{ max}} = 35\text{ °C}$

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

**84 084 K3**

Module designation LED-0997/830

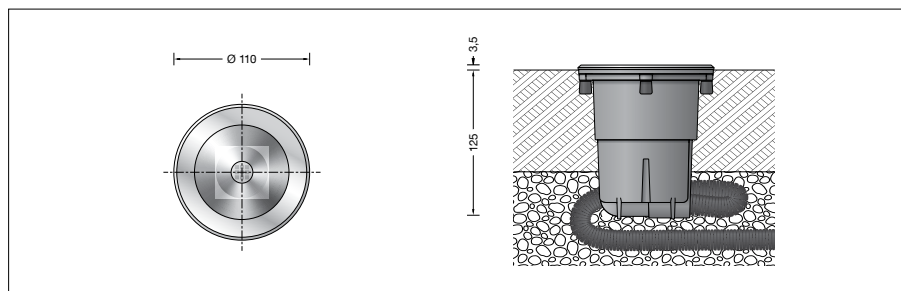
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 525 lm

Luminaire luminous flux 426 lm

Luminaire luminous efficiency 103,9 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25\text{ °C}$

– at 239,000 h: L70 B50

max. ambient temperature  $t_a = 35\text{ °C}$

– at 132,000 h: L70 B50

**Lighting technology**

Symmetrical light distribution

Half beam angle  $29^\circ$

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 are available on the BEGA website at [www.bega.com](http://www.bega.com).

**Accessories**

Distribution box for installation in soil

**70 730** Distribution box with 7 cable entries  
Connection terminals  $5 \times 4\text{ }^{\square}$

**71 053** Distribution box with 10 cable entries  
Connection terminals  $6 \times 16\text{ }^{\square}$

A separate instructions for use can be provided upon request.

**Light distribution**