

**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  $\sim$  0/50-60 Hz

DC 176-264 V

BEGA Thermal Switch<sup>®</sup>

Temporary thermal shutdown to protect

temperature-sensitive components

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  $\mu$ s

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  $t_a = 25$  °C

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

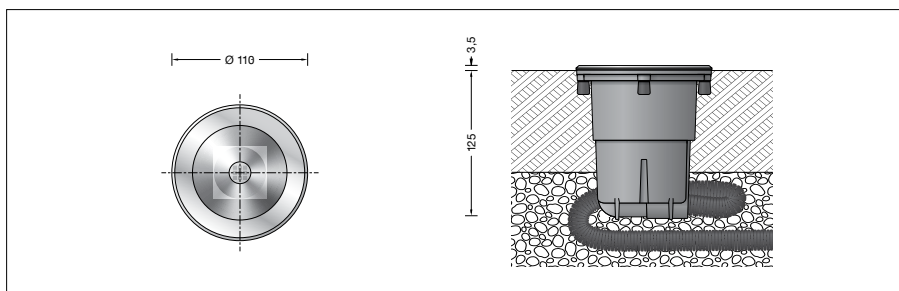
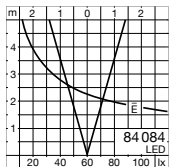
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 525 lm

Luminaire luminous flux 426 lm

Luminaire luminous efficiency 103,9 lm/W

**Light distribution****Service life · Ambient temperature**

Rated temperature  $t_a = 25$  °C

LED psu: > 50,000 h

LED module: 165,000 h (L 80 B 50)

Ambient temperature  $t_{a \max} = 35$  °C (100 %)

LED psu: 50,000 h

LED module: 89,000 h (L 80 B 50)

100,000 h (L 70 B 50)

**Lighting technology**

Half beam angle 29°

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [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 x 4<sup>□</sup>

**71 053** Distribution box with 10 cable entries

Connection terminals 6 x 16<sup>□</sup>

A separate instructions for use can be provided upon request.