

BEGA**84 085**

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[□] 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 (1.5 kN)

CE – Conformity mark

Weight: 1.2 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 4.8 W

Luminaire connected wattage 5.9 W

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

Ambient temperature $t_{a\text{max}} = 40\text{ °C}$

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

84 085 K3

Module designation LED-0336/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 940 lm

Luminaire luminous flux 647 lm

Luminaire luminous efficiency 109,7 lm/W

Service life of the LED

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

– at > 500,000h: L70B50

max. ambient temperature $t_a = 40\text{ °C}$

– at 245,000h: L70B50

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.

Accessories

Distribution box for installation in soil

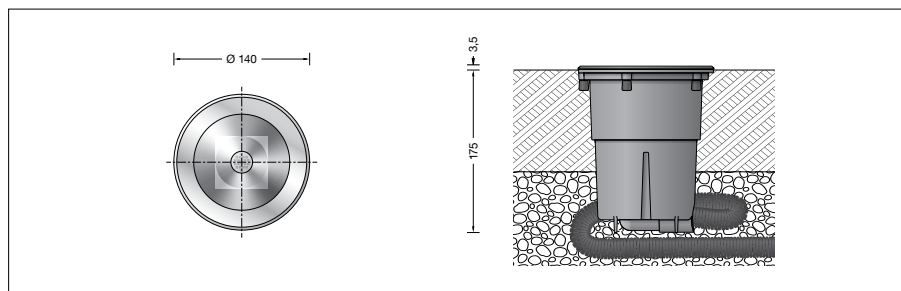
70 730 Distribution box with 7 cable entries

Connection terminals 5 x 4[□]

71 053 Distribution box with 10 cable entries

Connection terminals 6 x 16[□]

A separate instructions for use can be provided upon request.

**Light distribution**