

BEGA**84 089**

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 frame made of stainless steel,
steel grade number 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: 1.6 kg

Inrush current

Inrush current: 11 A / 112 µs

Maximum number of luminaires of this

type per miniature circuit breaker:

B 10A: 34 luminaires

B 16A: 55 luminaires

C 10A: 57 luminaires

C 16A: 92 luminaires

Lamp

Module connected wattage 6.1 W

Luminaire connected wattage 7.2 W

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

Ambient temperature $t_{a\text{ max}} = 45\text{ °C}$

When installed in heat-insulating
material $t_{a\text{ max}} = 25\text{ °C}$

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

84 089 K3

Module designation LED-0392/830

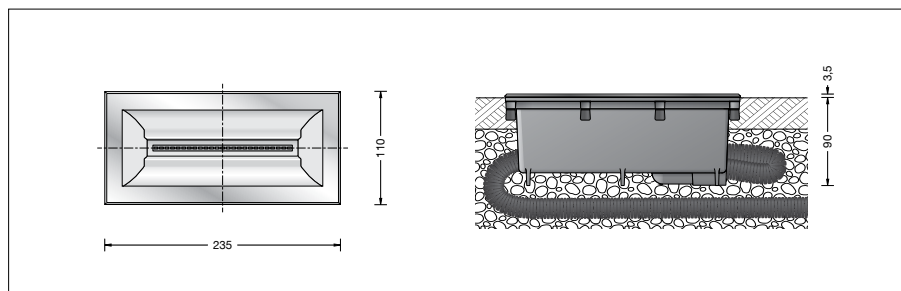
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 945 lm

Luminaire luminous flux 466 lm

Luminaire luminous efficiency 64,7 lm/W



Service life of the LED

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

– at 370,000 h: L70B50

max. ambient temperature $t_a = 45\text{ °C}$

– at 370,000 h: 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

