

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 \sim 0/50-60 Hz

DC 176-264 V

BEGA Thermal Switch[®]

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)

CE – Conformity mark

Weight: 1.6 kg

Inrush current

Inrush current: 11 A / 112 μ s

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

B10A: 34 luminaires

B16A: 55 luminaires

C10A: 57 luminaires

C16A: 92 luminaires

Lamp

Module connected wattage 6.1 W

Luminaire connected wattage 7.2 W

Rated temperature $t_a = 25$ °C

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

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

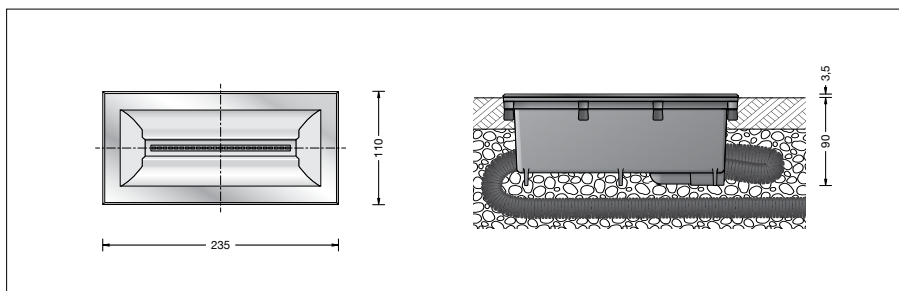
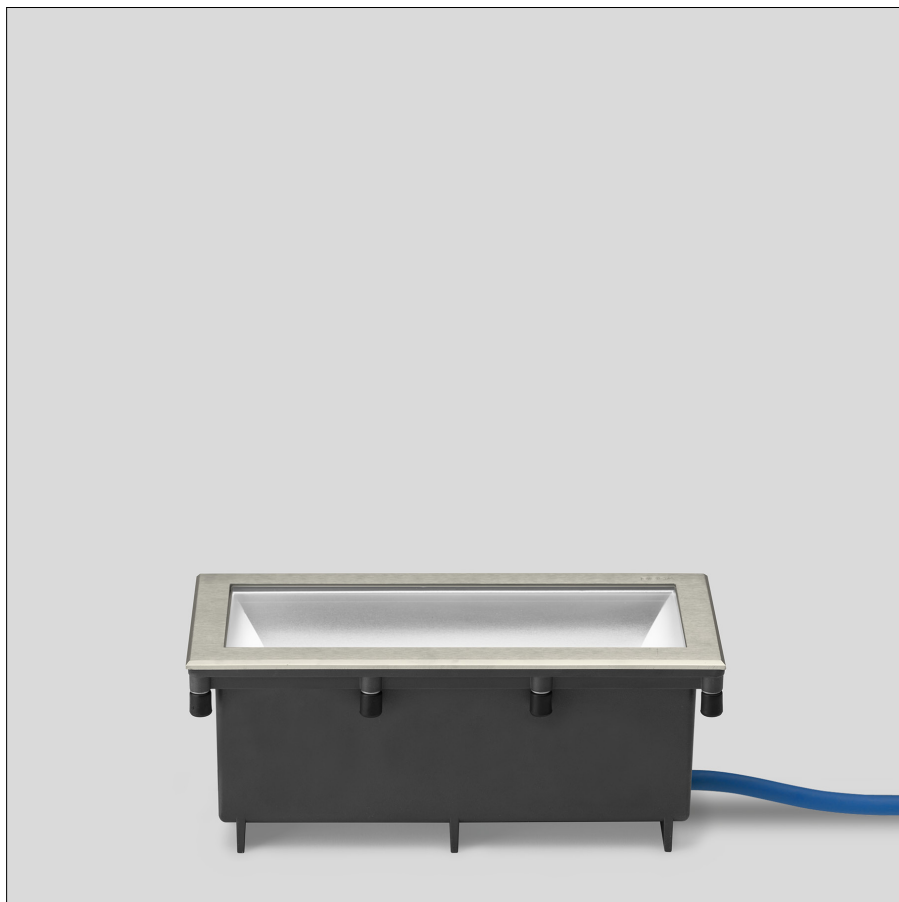
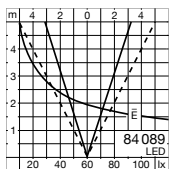
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 945 lm

Luminaire luminous flux 466 lm

Luminaire luminous efficiency 64,7 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25$ °C

LED psu: > 50,000 h

LED module: > 200,000 h (L80 B50)

100,000 h (L90 B50)

Ambient temperature $t_{a \max} = 45$ °C (100 %)

LED psu: 50,000 h

LED module: > 200,000 h (L80 B50)

100,000 h (L90 B50)

Lighting technology

Half beam angle 80/95°

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.

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.