

**BEGA****84 091**

In-ground luminaire

IP 67

Project · Reference number

Date

**Product data sheet****Application**

LED in-ground luminaire with asymmetrical 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<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

Safety class I

Protection class IP 67

Dust-tight and protection against temporary immersion

Pressure load 150 kg (~1,500 N)

Impact strength IK09

Protection against mechanical impacts < 10 joule

CE – Conformity mark

Weight: 1.6 kg

**Inrush current**

Inrush current: 11 A / 112  $\mu$ 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  $t_{a \max} = 40$  °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.

**84 091 K3**

Module designation LED-0392/830

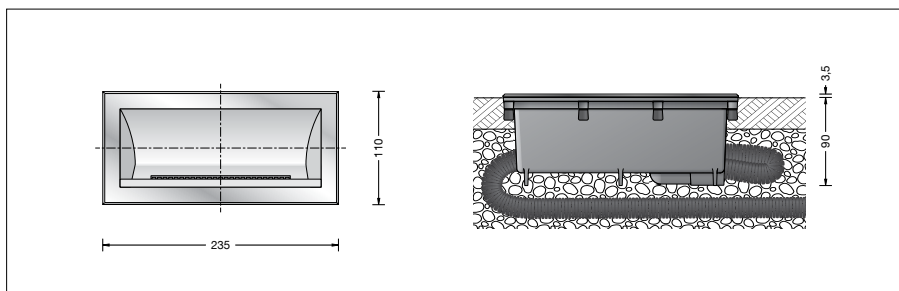
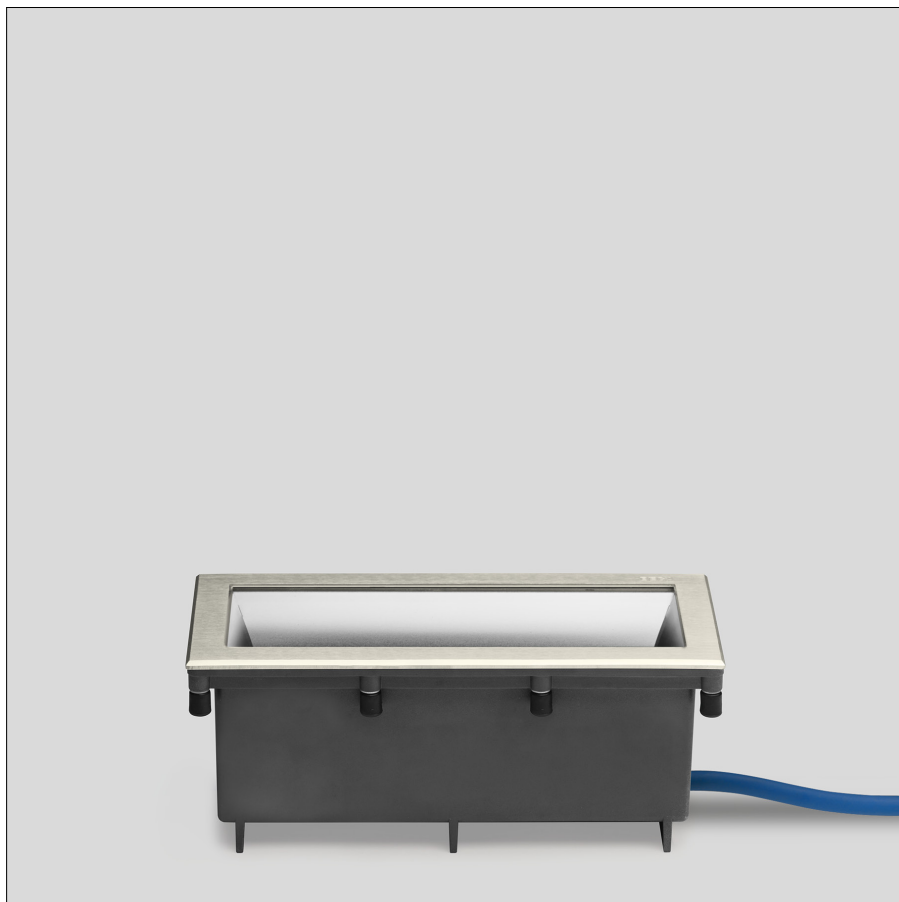
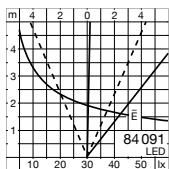
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 945 lm

Luminaire luminous flux 456 lm

Luminaire luminous efficiency 63,3 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  $t_{a \max} = 40$  °C (100 %)

LED psu: 50,000 h

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

100,000 h (L90 B50)

**Lighting technology**

Half beam angle 53/106°

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.