

Project · Reference number

Date

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.

In the centre of the glass surface the luminaire attains an operating temperature of only 30 °C (measured according to EN 60598 - ambient temperature of t_a 15 °C).

The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire housing made of glass-fibre reinforced polyamide synthetic

Cover frame made of stainless steel

Steel grade number 1.4301

Clear safety glass

Silicone gasket

Reflector made of anodised pure aluminium

1,8 m water-resistant connecting cable

H07RN8-F 3G 1,5² 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

Impact strength IK07

Protection against mechanical

impacts < 2 joule

CE – Conformity mark

Weight: 0.9 kg

Light technique

Half beam angle 47°.

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.

Inrush current

Inrush current: 4 A / 230 μ s

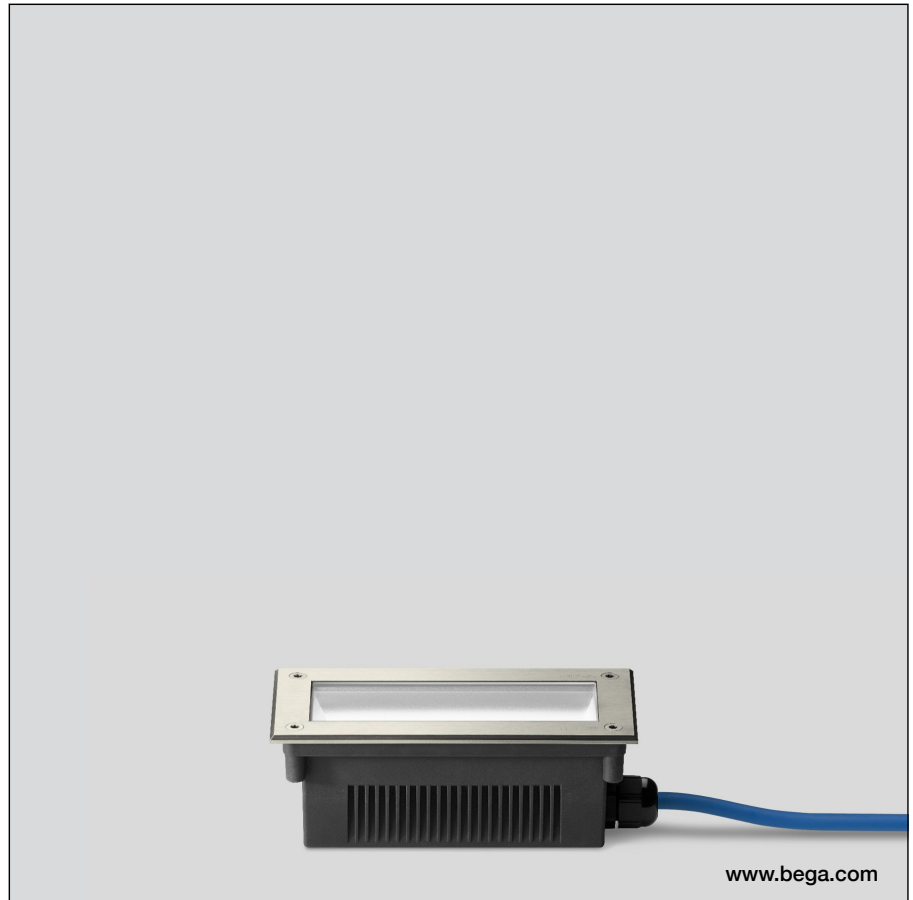
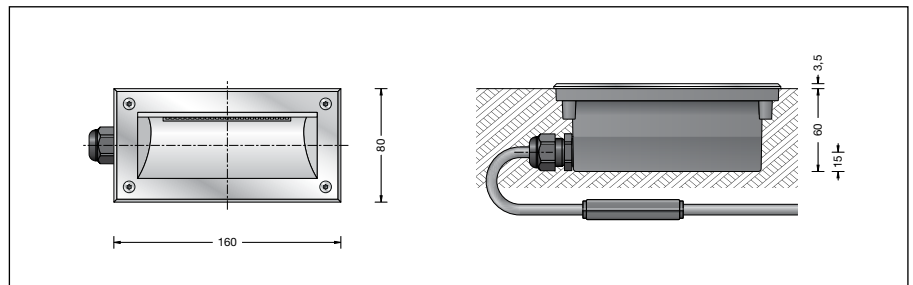
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 50 luminaires

B 16A: 80 luminaires

C 10A: 50 luminaires

C 16A: 80 luminaires

www.bega.com**Lamp**

Module connected wattage 5,5 W

Luminaire connected wattage 7,4 W

Rated temperature $t_a = 25$ °C

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

Module designation LED-0394/830

Colour temperature 3000 K

Colour rendering index $R_a > 80$

Module luminous flux 575 lm

Luminaire luminous flux 312 lm

Luminaire luminous efficiency 42,2 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15$ °C

– at 50,000 h: L70B10

– at 66,000 h: L70B50

Ambient temperature $t_a = 25$ °C

– at 50,000 h: L70B10

– at 60,000 h: L70B50

max. ambient temperature $t_a = 35$ °C

– at 50,000 h: L70B50

– at 55,000 h: L70B50

Accessories**70730** Distribution box

The distribution box is meant for installation in the soil and allows a junction from the supply cable to the luminaire and through-wiring to the next luminaire.

After the electrical connection the distribution box is filled up with gel and closed.

Light distribution