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 $\square$ 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 (1.5 kN)
$C\epsilon$ – 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 10 A: 38 luminaires
B 16 A: 61 luminaires
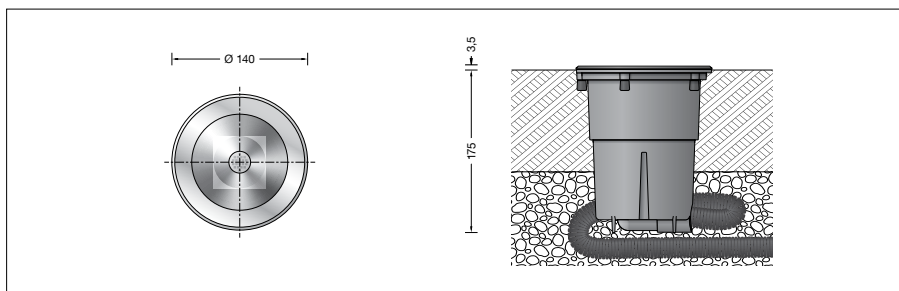C 10 A: 64 luminaires
C 16 A: 102 luminaires

Lamp
Module connected wattage	4.8 W
Luminaire connected wattage	5.9 W
Rated temperature	$t_a = 25\ °C$
Ambient temperature	$t_{a\ max} = 40\ °C$

On request we can offer you modifications for enviroments 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 $t_a = 25\ °C$
– at > 500,000 h: L70 B50

max. ambient temperature $t_a = 40\ °C$
– at 245,000 h: L70 B50

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 $\square$
71 053 Distribution box with 10 cable entries
Connection terminals 6 x 16 $\square$

A separate instructions for use can be provided upon request.

Light distribution