

BEGA**84 287**

In-ground luminaire

IP 67

Project · Reference number

Date

Product data sheet

Application

Recessed LED location luminaire for recessed mounting in compacted surfaces, paths and open areas. Drive-over luminaire for vehicles with pneumatic tyres.

Please note:

Luminaire must not be used for installation in road lanes, where the fixture is exposed to a horizontal strain due to braking, acceleration and change of direction.

For walk-through public areas, we recommend skid-blocking glass – see accessories.

Product description

Luminaires and installation housings made of highly corrosion-resistant aluminium
BEGA Tricoat® coating technology
Frame made of glass fibre reinforced synthetic material

Cover frame made of stainless steel,
steel grade number 1.4301

Recess housing with cable entry for cable conduit, max \varnothing 20 mm

Safety glass, white

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

Safety class I

Protection class IP 67

Dust-tight and protection against temporary immersion

CE – Conformity mark

Lamp

Module connected wattage 3.7 W

Luminaire connected wattage 4.8 W

Rated temperature $t_a = 25^\circ\text{C}$

Service life criteria 50 000 h / L₇₀

84 287 K3

Module designation LED-0634/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 780 lm

Luminaire luminous flux* 173 lm

Luminaire luminous efficiency* 36 lm/W

84 287 R K3

Module designation LED-0634/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 780 lm

84 287 K4

Module designation LED-0634/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 810 lm

Luminaire luminous flux* 180 lm

Luminaire luminous efficiency* 37,5 lm/W

84 287 R K4

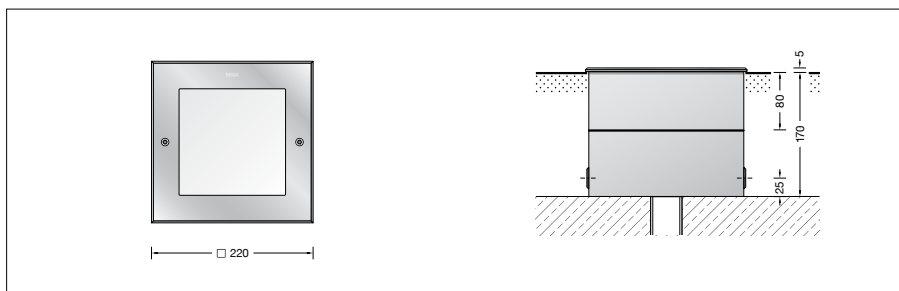
Module designation LED-0634/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 810 lm

* preliminary data

**Inrush current**

Inrush current: 7 A / 112 μs

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

B 10A: 38 luminaires

B 16A: 61 luminaires

C 10A: 64 luminaires

C 16A: 102 luminaires

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.

Article No. 84 287

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

We supply this luminaire with skid-blocking glass which is denoted by **R** after the article number.

Accessories

14001409R Skid-blocking glass in accordance with EN ISO 51130 R13

Surface abrasion in accordance with EN ISO 10545-7:

Category II

Anti-slip protection in accordance with DIN 51097 Class C

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.