

BEGA**84 269**

In-ground luminaire

IP 67

Project · Reference number

Date

Product data sheet**Application**

In-ground luminaire with half-sided light sector.
For recessed mounting in compacted surfaces,
paths and places.

An orientation and indication luminaire also for
marking peril points.

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.

Product description

Luminaires and installation housings made of
highly corrosion-resistant aluminium

BEGA Tricoat® coating technology

Pressure absorbing ring made of glass fibre
reinforced synthetic material

Borosilicate glass

Reflector surface made of pure aluminium

Optical silicone lens

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

1,8 m water-resistant connecting cable

07RN8-F 5G 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

DALI controllable

A basic isolation exists between power cable
and control line

Safety class I

Protection class IP 67

Dust-tight and protection against temporary
immersion

Pressure load 4,000 kg (~40 kN)

CE – Conformity mark

Weight: 5.9 kg

Lamp

Module connected wattage 12 W

Luminaire connected wattage 14 W

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

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$

When installed in heat-insulating
material $t_{a\text{max}} = 45^\circ\text{C}$

84 269 K3

Module designation LED-1008/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1725 lm

Luminaire luminous flux 343 lm

Luminaire luminous efficiency 24,5 lm/W

84 269 K4

Module designation LED-1008/840

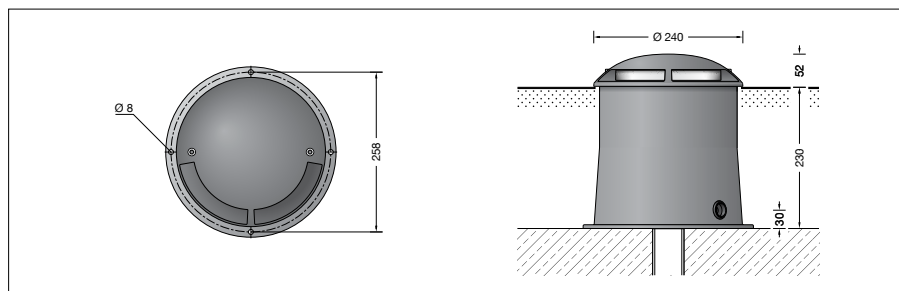
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 1860 lm

Luminaire luminous flux 370 lm

Luminaire luminous efficiency 26,4 lm/W

**Service life · Ambient temperature**

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

LED psu: > 50,000h

LED module: > 200,000h (L80B50)

100,000h (L90B50)

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (100 %)

LED psu: 50,000h

LED module: > 200,000h (L80B50)

100,000h (L90B50)

Light technique

The optical system of the luminaire directs the
light in a concentrated way horizontally to the
lamp axis.

This results in a glare free illumination of the
surface from lowest height.

The angle of reflected beam is 180° .

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LED colour temperature optionally 3000K
or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Accessories

Distribution box for installation in soil

70 730 Distribution box with 7 cable entries
Connection terminals $5 \times 4^\square$

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

Light distribution