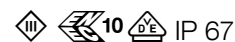


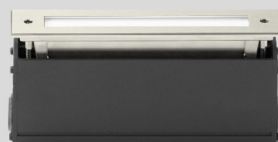
BEGA**88 301**

In-ground luminaire



Project · Reference number

Date



Product data sheet

Application

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

Please note:

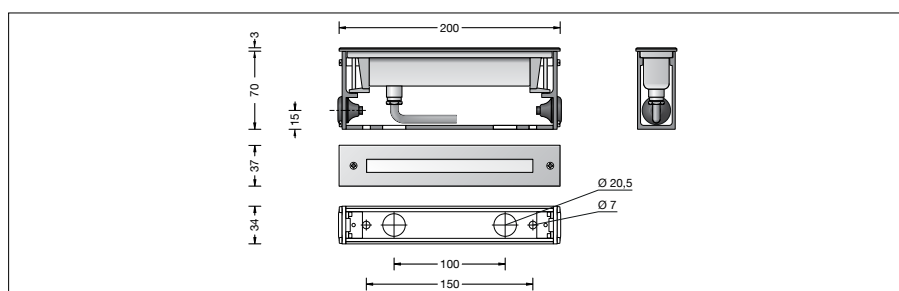
Luminaire must not be used for installation in road lanes, where the fixture is exposed to a horizontal strain due to braking, acceleration and change of direction.

Product description

Recessed LED luminaire without power supply unit
 Luminaire made of stainless steel
 Steel grade no 1.4301
 Installation housing made of aluminium profile, powder-coated with 2 entries for connection cable up to \varnothing 12 mm
 Safety glass, white
 Reflector made of pure anodised aluminium
 Connecting cable 05RN8-F 2 x 1[□]
 Cable length 3 m
 Safety class III
 Protection class IP 67
 Dust-tight and protection against temporary immersion
 Impact strength IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 0.9 kg
 This product contains light sources of energy efficiency classes F, G

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.



Lamp

Module connected wattage	0.2 W
Luminaire connected wattage	0.4 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 65^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 65^\circ\text{C}$

88 301 K27

Module designation	LED-0157/827
Colour temperature	2700 K
Colour rendering index	CRI > 80
Module luminous flux	35 lm
Luminaire luminous flux	3 lm
Luminaire luminous efficiency	7,5 lm/W

88 301 K3

Module designation	LED-0157/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	40 lm
Luminaire luminous flux	4 lm
Luminaire luminous efficiency	10 lm/W

88 301 K4

Module designation	LED-0157/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	40 lm
Luminaire luminous flux	4 lm
Luminaire luminous efficiency	10 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ambient temperature max. $t_a = 65^\circ\text{C}$ (100 %)	
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Accessories

Power supply unit for LED luminaires 24 V DC	
Safety transformer according to EN 61558/VDE 0570 part 2-6	
70 564	Power supply unit for 5-15 W
70 465	Power supply unit for 10-25 W
70 565	Power supply unit for 20-35 W
70 566	Power supply unit for 30-50 W
70 567	Power supply unit for 40-75 W
70 169	Power supply unit for 70-150 W
	230 V ~ 50-60 Hz

70 114	Power supply unit for 0-70 W
	AC range: AC: 198-264 V ~ 50-60 Hz
	DC range: DC: 176-275 V

The power supply units are also suitable for the operation of several LED luminaires. In this case, the maximum wattage of the power supply unit must not be exceeded.

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 [□]

For the accessories a separate instructions for use can be provided upon request.

Article No. 88 301

LED colour temperature optionally 2700 K, 3000 K or 4000 K	
2700 K – Article number + K27	
3000 K – Article number + K3	
4000 K – Article number + K4	