

BEGA**84 272**

In-ground luminaire



Project · Reference number

Date

Product data sheet

Application

In-ground luminaire for recessed mounting in compacted surfaces, paths and places.
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
Ring made of glass fibre reinforced synthetic material
Crystal glass, white inside
Recess housing with cable entry for cable conduit, max \varnothing 20 mm
1,8 m water-resistant connecting cable
07RN8-F 3 G 1[□] with implemented water stopper and 1.2 m PVC cable conduit
BEGA Ultimate Driver®
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 176-264 V
Safety class I
Protection class IP 67
Dust-tight and protection against temporary immersion
Pressure load 4,000 kg (~40 kN)
Impact strength IK10
Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
 Weight: 5.2 kg
 This product contains light sources of energy efficiency class(es) C



Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 45\text{ °C}$

84 272 K3

Module designation	LED-0794/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	750 lm
Luminaire luminous flux	141 lm
Luminaire luminous efficiency	28,2 lm/W

84 272 K4

Module designation	LED-0794/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	770 lm
Luminaire luminous flux	145 lm
Luminaire luminous efficiency	29 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	95,000 h (L 80 B 50)
	100,000 h (L 70 B 50)

Article No. 84 272

LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Accessories

70730 Distribution box for installation in soil with 7 cable entries
 Connection terminals 5 x 4[□]

Light distribution

