

BEGA**50 249.2**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed LED-ceiling luminaire · indoor luminaire with aluminium housing · for shielded light deflected downwards.
Luminaire for connection to external LED power supply unit.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Recessed LED ceiling luminaire »STUDIO LINE« made of die-cast aluminium – **without power supply unit**
Aluminium housing shield, velvet black enamel finish, Inside hue matt aluminium
Light-diffusing silicone lens
Reflector of anodised pure aluminium
Fixing is achieved by using 2 adjustable wedge-shaped claws
1 connecting cable with strain relief and plug connector system for BEGA power supply unit, on/off or DALI
Safety class III **CE** – Conformity mark
Weight: 0.2 kg

Accessories

Power supply units for LED luminaires 220-240 V · 0/50-60 Hz with strain relief and plug connector system.

13 198 Power supply unit on/off

13 199 Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

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

Lighting technology

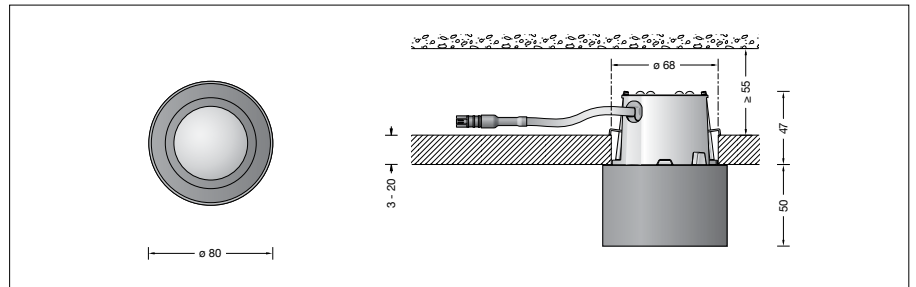
Half beam angle 48°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website www.bega.com.

Lamp

Module connected wattage	6.5 W
Luminaire connected wattage	8 W
Rated temperature	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 40 \text{ °C}$

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Module designation	LED-0500/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	835 lm
Luminaire luminous flux	417 lm
Luminaire luminous efficiency	52,1 lm/W



Lifetime of the LED

Ambient temperature $t_a = 15 \text{ °C}$
– at 50,000 h: L80 B10
– at 190,000 h: L70 B50

Ambient temperature $t_a = 25 \text{ °C}$
– at 50,000 h: L80 B10
– at 160,000 h: L70 B50

max. ambient temperature $t_a = 40 \text{ °C}$
– at 50,000 h: L70 B10
– at 100,000 h: L70 B50

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Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**