

BEGA**50 250.2**

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

Safety class III

CE – Conformity mark

Weight: 0.2 kg

Lighting technology

Half beam angle 56°

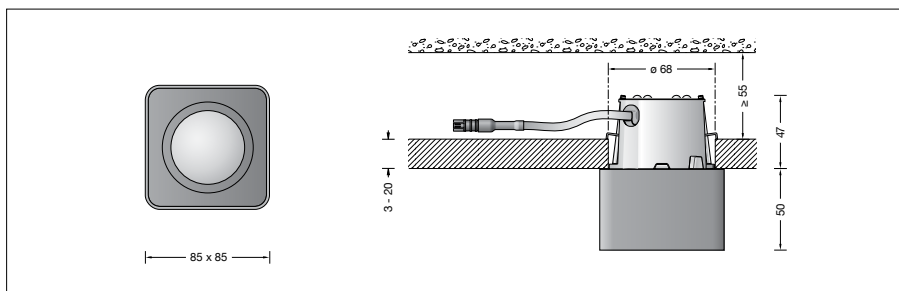
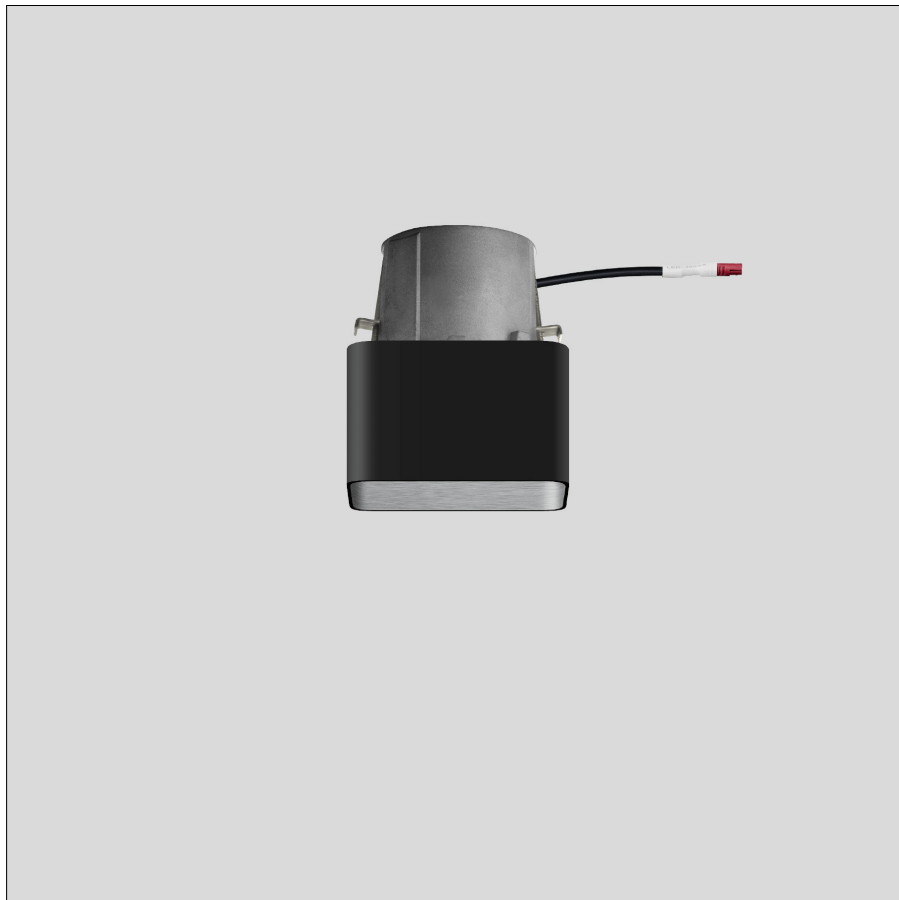
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website www.bega.com.

Lamp

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

50 250.2 K3

Module designation	LED-0500/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	835 lm
Luminaire luminous flux	437 lm
Luminaire luminous efficiency	54,6 lm/W



Lifetime of the LED

Ambient temperature $t_a = 15 \text{ °C}$

- at 50,000 h: L90 B50
- at 330,000 h: L70 B50

Ambient temperature $t_a = 25 \text{ °C}$

- at 50,000 h: L80 B10
- at 240,000 h: L70 B50

max. ambient temperature $t_a = 40 \text{ °C}$

- at 50,000 h: L80 B10
- at 180,000 h: L70 B50

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Interior colour options

- matt aluminium Code number **.2**
- matt brass Code number **.4**
- matt copper Code number **.6**

Accessories

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

13074 Power supply unit dimmable 1-10 V SELV

13075 Power supply unit DALI

A separate assembly instruction is available.
The power supply units are only suitable for the operation of one LED luminaire.