

**BEGA****50 372.4**

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 white enamel finish, Inside hue matt brass  
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

### Lighting technology

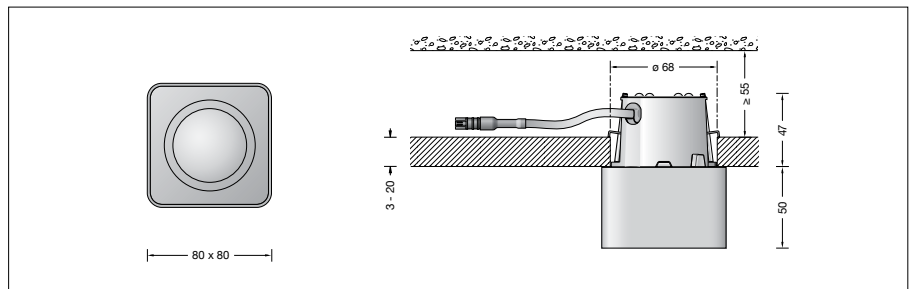
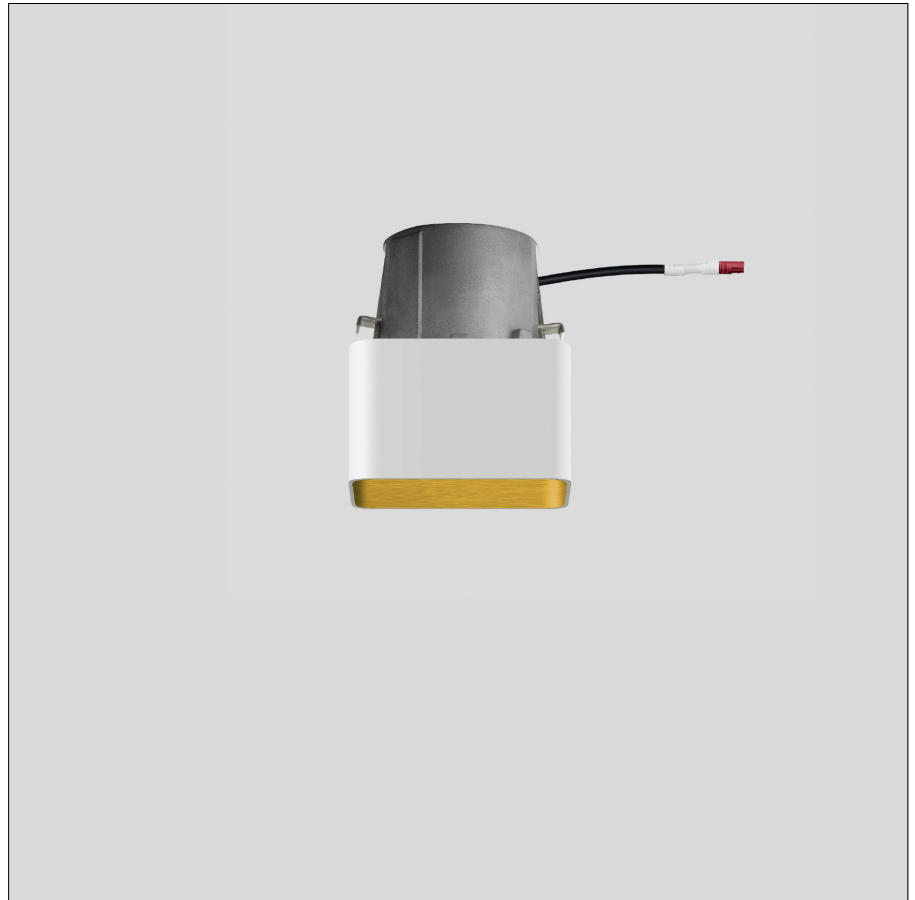
Half beam angle 56°.  
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on the BEGA website [www.bega.com](http://www.bega.com).

### Lamp

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

|                                |              |
|--------------------------------|--------------|
| Module designation             | LED-0500/930 |
| Colour temperature             | 3000 K       |
| Colour rendering index         | $R_a > 90$   |
| Module luminous flux           | 835 lm       |
| Luminaire luminous flux*       | 395 lm       |
| Luminaire luminous efficiency* | 49,4 lm/W    |

\* preliminary data



### Lifetime of the LED

Ambient temperature  $t_a = 15 \text{ }^\circ\text{C}$   
– at 50,000 h: L80B10  
– at 330,000 h: L70B50

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
– at 50,000 h: L80B10  
– at 240,000 h: L70B50

max. ambient temperature  $t_a = 40 \text{ }^\circ\text{C}$   
– at 50,000 h: L90B50  
– at 180,000 h: L70B50

### Article No. 50 372.4

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.