

**BEGA****50 370.6**

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 copper  
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](http://www.bega.com).

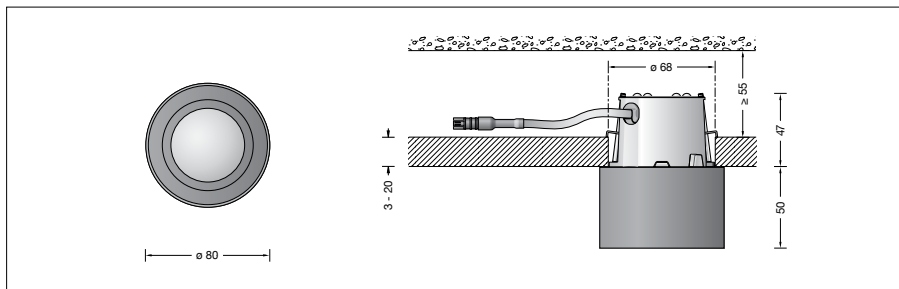
### Lamp

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

### 50 370.6 K3

Module designation	LED-0500/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	835 lm
Luminaire luminous flux*	378 lm
Luminaire luminous efficiency*	47,2 lm/W

\* preliminary data



### 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

### Article No. 50 370.6

Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**