

**BEGA****50 684.2**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Recessed LED-ceiling luminaire · indoor luminaire with symmetrical wide beam light distribution for connection to external LED power supply unit. For flush installation in indoor suspended ceilings of 5-25 mm thickness.

### Product description

LED recessed luminaire without power supply unit  
Luminaire housing made of cast aluminium  
The recessed housing is made of glass fibre reinforced synthetic material  
Centre-plate made of rigid polystyrene foam  
Trim ring,  
Enamel, velvet black  
Reflector made of pure anodised aluminium  
Inside hue aluminium matt  
Recessed opening  $\varnothing$  125 mm  
Recessed depth required 95 mm  
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: 0.55 kg

### Lighting technology

Half beam angle 24°  
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    | 8.1 W   |
| Luminaire connected wattage | 9.8 W   |
| Rated temperature           | $t_a = 25 \text{ }^\circ\text{C}$               |
| Ambient temperature         | $t_{a \text{ max}} = 40 \text{ }^\circ\text{C}$ |

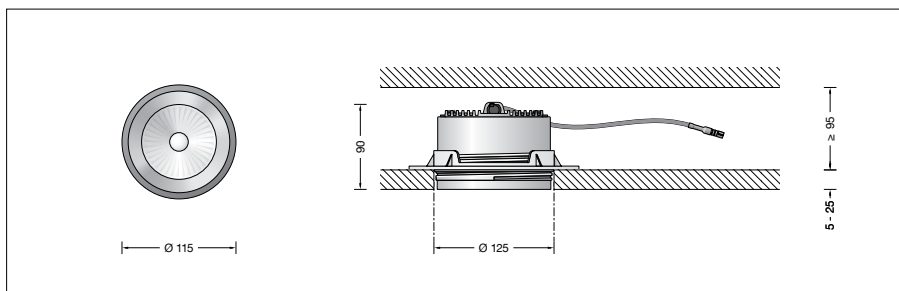
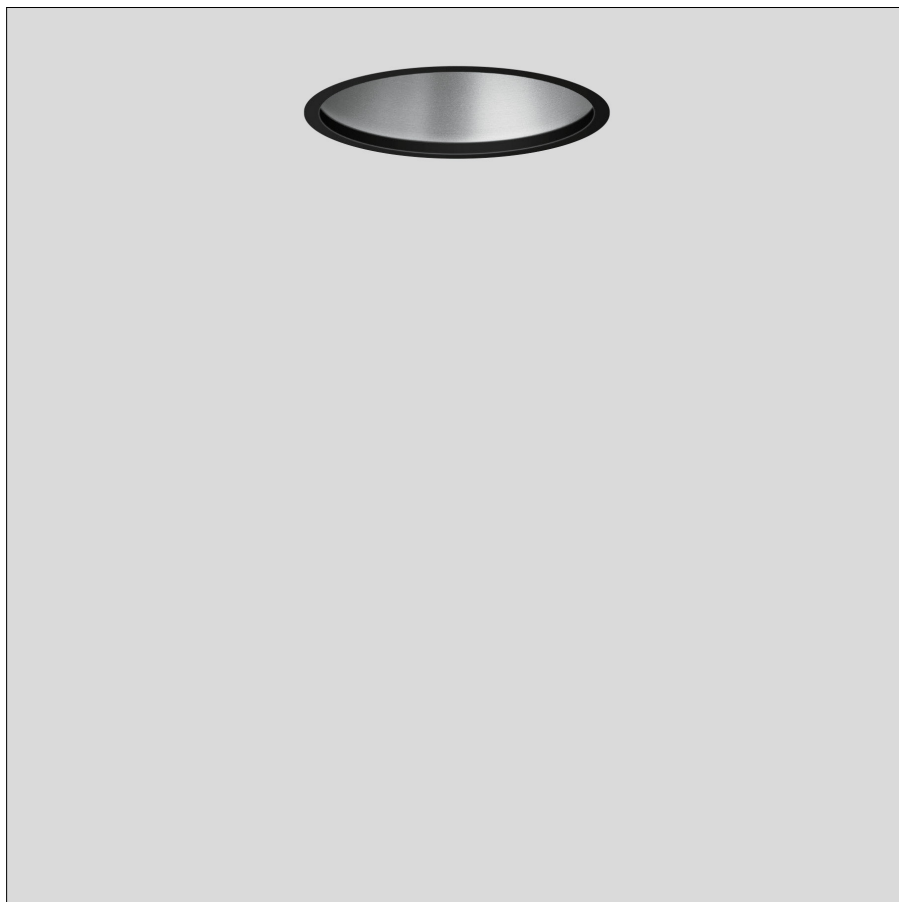
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|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0800/930 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 90     |
| Module luminous flux          | 1255 lm      |
| Luminaire luminous flux       | 915 lm       |
| Luminaire luminous efficiency | 93,4 lm/W    |

### Service life of the LED

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
– at 390,000h: L70B50

max. ambient temperature  $t_a = 40 \text{ }^\circ\text{C}$   
– at 310,000h: L70B50



### Accessories

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

**13 143** Power supply unit on/off

**13 168** 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.

### Article No. 50 684.2

Interior colour options

- matt aluminium
- matt brass
- matt copper

Code number **.2**

Code number **.4**

Code number **.6**