

**BEGA****50 377.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

LED recessed ceiling downlight · Interior luminaire with symmetrical narrow beam light distribution for connection to an external LED power supply unit.

For flush-mounting 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

Reflector surface made of pure aluminium

Optical silicone lens

Metal ceiling frame ring,  
finish white enamel

Safety glass

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: 0.33 kg

### Lighting technology

Half beam angle 21°

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  $t_a = 25$  °C

Ambient temperature  $t_{a \max} = 45$  °C

When installed in heat-insulating material  $t_{a \max} = 25$  °C

### 50 377.1 K3

Module designation LED-0800/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1255 lm

Luminaire luminous flux 1079 lm

Luminaire luminous efficiency 110,1 lm/W

### 50 377.1 K4

Module designation LED-0800/940

Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 1275 lm

Luminaire luminous flux 1096 lm

Luminaire luminous efficiency 111,8 lm/W

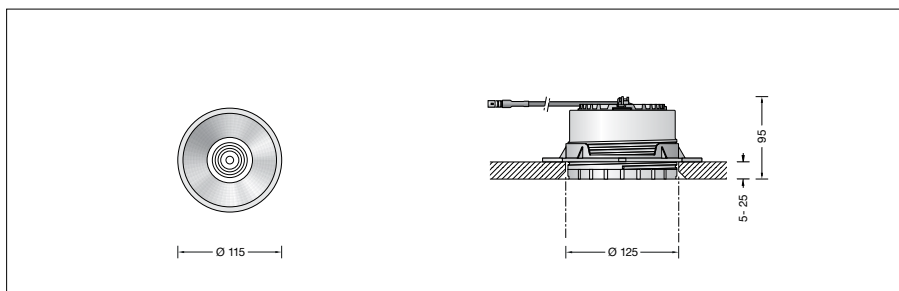
### Service life of the LED

Ambient temperature  $t_a = 25$  °C

– at 340,000h: L70B50

max. ambient temperature  $t_a = 45$  °C

– at 340,000h: 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. 50 377.1

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**