

BEGA**50 002.1**

Recessed ceiling luminaire for indoor use

IP 65

Project · Reference number

Date

Product data sheet

Application

LED recessed ceiling luminaire · indoor luminaire with crystal glass for wide beam light. For installation in suspended ceilings of 10-45 mm in interior applications.

A remote power supply unit is required to operate this luminaire.

If this luminaire should be integrated into a LCN or Zigbee controlled building management system we recommend our BEGA Control light control system.

Product description

LED recessed luminaire without power supply unit

Luminaire made of cast aluminium, aluminium and stainless steel
Crystal glass with thread, partially frosted
Silicone gasket

Reflector made of pure anodised aluminium

Metal ceiling frame ring, finish white enamel

Luminaire housing with 2 fixing claws and guide screws

Ceiling aperture \varnothing 97 mm

Free space installation depth required 110 mm

1 connecting cable with strain relief and plug connector system for BEGA power supply unit, on/off or DALI

Safety class III ⚡

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical

impacts < 1 joule

CE – Conformity mark

Weight: 0.6 kg

Lamp

Module connected wattage 11.7 W

Luminaire connected wattage 14 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 35$ °C

When installed in heat-insulating material $t_{a \max} = 30$ °C

50 002.1 K3

Module designation LED-0430/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1630 lm

Luminaire luminous flux 800 lm

Luminaire luminous efficiency 57,1 lm/W

50 002.1 K4

Module designation LED-0430/940

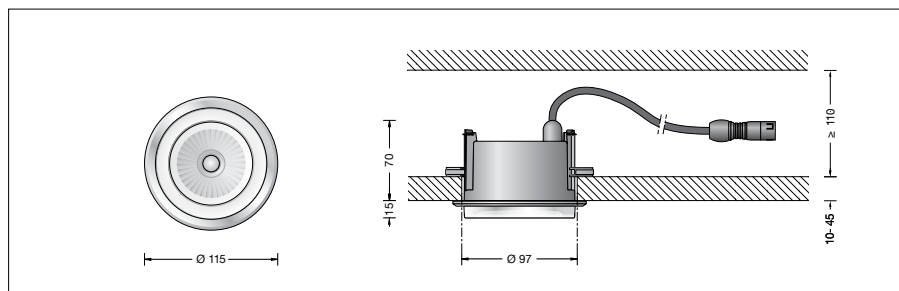
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 1700 lm

Luminaire luminous flux 834 lm

Luminaire luminous efficiency 59,6 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25$ °C

– at 170,000h: L70B50

max. ambient temperature $t_a = 35$ °C

– at 150,000h: L70B50

Lighting technology

Half beam angle 51°

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.

Article No. 50 002.1

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Finish options

- Enamel, white Code number **.1**
- Stainless steel Code number **.2**
- Polished stainless steel Code number **.3**

Accessories

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

13 191 Power supply unit on/off

10 520 Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

10 440 Installation housing

For the accessories a separate instructions for use can be provided upon request.