

BEGA**50 375.2**

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 surface mounted installation in suspended ceilings in interior of 5-25 mm.

Product description

LED recessed luminaire without power supply unit
Luminaire housing made of cast aluminium

Installation housing is made of glass fibre reinforced synthetic material (polyamide) with 2 fastening springs

Reflector surface made of pure aluminium

Optical silicone lens

Ceiling frame ring stainless steel finish

Safety glass

Recessed opening \varnothing 146 mm

Recessed depth required 105 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

Lamp

Module connected wattage 11.5 W

Luminaire connected wattage 13.5 W

Rated temperature $t_a = 25$ °C

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

50 375.2 K3

Module designation LED-0800/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1735 lm

Luminaire luminous flux 1522 lm

Luminaire luminous efficiency 112,7 lm/W

50 375.2 K4

Module designation LED-0800/940

Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 1760 lm

Luminaire luminous flux 1544 lm

Luminaire luminous efficiency 114,4 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15$ °C

– at 50,000h: L90B10

– at 420,000h: L70B50

Ambient temperature $t_a = 25$ °C

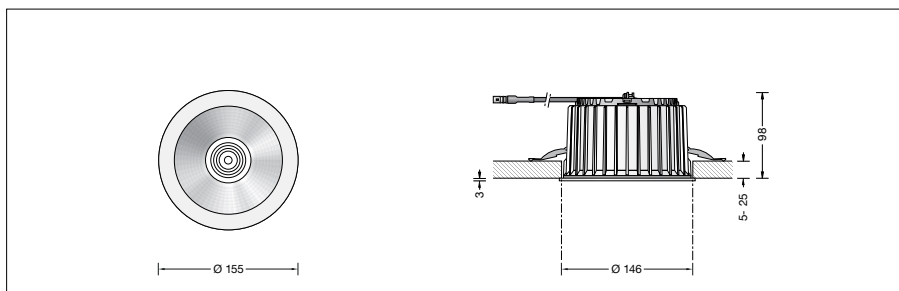
– at 50,000h: L90B10

– at 360,000h: L70B50

max. ambient temperature $t_a = 35$ °C

– at 50,000h: L90B50

– at 31,000h: L70B50



Accessories

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

13 144 Power supply unit on/off

13 169 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 15°
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. 50 375.2

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Optional finishes

- White enamel
- Stainless steel
- Chrome

code number **.1**

code number **.2**

code number **.3**