

**BEGA****50 430.2**

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  $\varnothing$  130 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

### 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 11.5 W

Luminaire connected wattage 13.5 W

Rated temperature  $t_a = 25\text{ °C}$

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

### 50 430.2 K3

Module designation LED-800/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 2025 lm

Luminaire luminous flux 1707 lm

Luminaire luminous efficiency 126,4 lm/W

### 50 430.2 K4

Module designation LED-800/840

Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 2080 lm

Luminaire luminous flux 1753 lm

Luminaire luminous efficiency 129,9 lm/W

### Lifetime of the LED

Ambient temperature  $t_a = 15\text{ °C}$

– at 50,000h: L90B10

– at 420,000h: L70B50

Ambient temperature  $t_a = 25\text{ °C}$

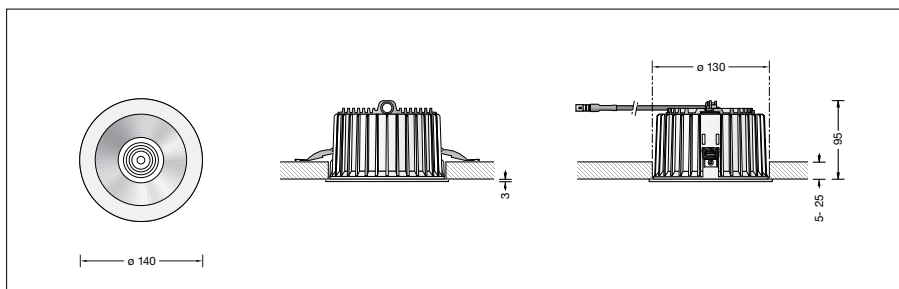
– at 50,000h: L90B10

– at 350,000h: L70B50

max. ambient temperature  $t_a = 35\text{ °C}$

– at 50,000h: L90B50

– at 290,000h: 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.

### Article No. 50 430.2

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**