

BEGA**50 690.1**

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 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 polyamide with 2 fastening springs and Metal ceiling frame ring, finish white enamel
Reflector made of pure anodised aluminium
Light-diffusing silicone lens
Partially matt crystal glass
Recessed opening \varnothing 170 mm
Recessed 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
CE – Conformity mark
Weight: 1.5 kg

Lighting technology

Half beam angle 56°
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.

Lamp

Module connected wattage	8.1 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a,max} = 40^\circ\text{C}$

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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	854 lm
Luminaire luminous efficiency	87,1 lm/W

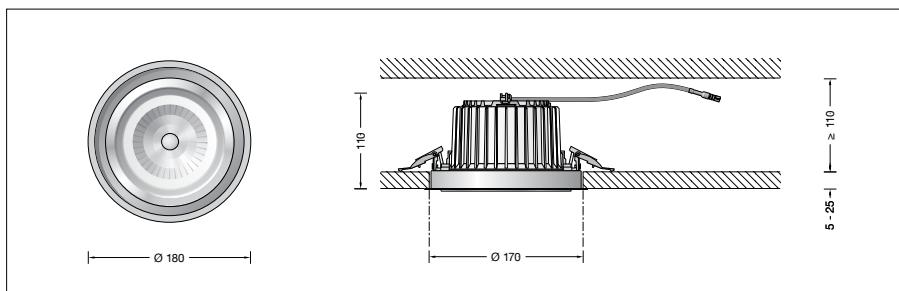
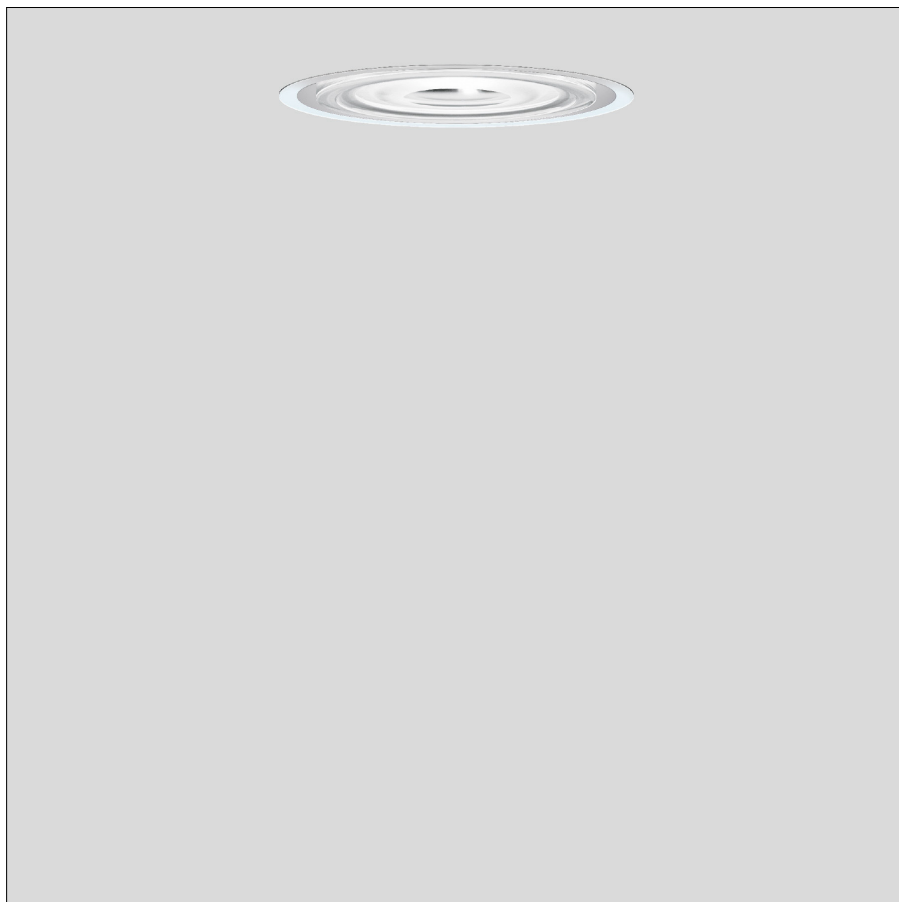
50 690.1 K4

Module designation	LED-0800/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1275 lm
Luminaire luminous flux	868 lm
Luminaire luminous efficiency	88,6 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 380,000h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$
– 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.

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LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Finish options

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