

BEGA**50 698.2**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed LED-ceiling luminaire · indoor luminaire with direct and indirect light distribution for connection to an external LED power supply unit. For surface mounted installation in suspended ceilings in interior of 8-25 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
Reflector made of pure anodised aluminium
Light-diffusing silicone lens
Ceiling frame ring polished stainless steel finish
Hand-blown opal glass, satin matt
Recessed opening \varnothing 188 mm
Recessed depth required 122 mm
1 connecting cable with strain relief and plug connector system for BEGA power supply unit, on/off or DALI
Safety class III \diamond
CE – Conformity mark
Weight: 2.0 kg

Lighting technology

Half beam angle 50°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Lamp

Module connected wattage	17.2 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

50 698.2 K3

Module designation	LED-0785/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2655 lm
Luminaire luminous flux	1838 lm
Luminaire luminous efficiency	91,9 lm/W

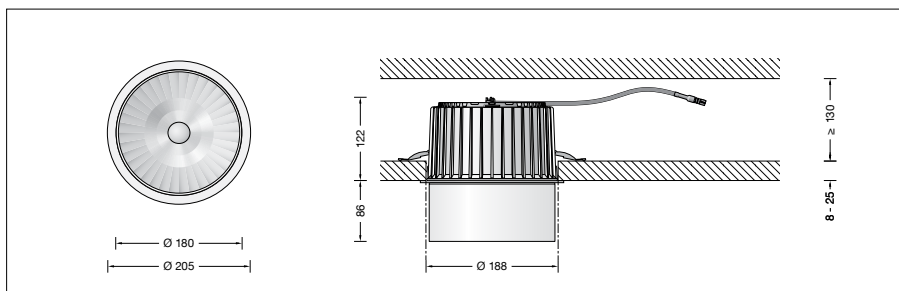
50 698.2 K4

Module designation	LED-0785/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2695 lm
Luminaire luminous flux	1865 lm
Luminaire luminous efficiency	93,2 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 370,000h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$
– at 305,000h: 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

13 170 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. 50 698.2

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**