

BEGA**50 524.2**

Recessed luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed LED-ceiling and wall luminaire · indoor luminaire with hand-blown opal glass, satin matt and aluminium housing with cover ring for connection to external LED power supply unit. For installation into ceilings with a shallow depth in interior areas.

Product description

Recessed LED luminaire without power supply unit
Aluminium luminaire housing
Cover ring stainless steel
Opal glass, satin matt, with screw neck
Silicone gasket
Luminaire housing with 3 fixing claws and guide screws
Recessed opening \varnothing 240 mm
Recessed depth required 65 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: 3.3 kg

Light technique

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 you will find on the BEGA web page www.bega.com.

Lamp

Module connected wattage	17.8 W
Luminaire connected wattage	21 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^\circ\text{C}$

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Module designation	LED-0447/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2730 lm
Luminaire luminous flux	1620 lm
Luminaire luminous efficiency	77,1 lm/W

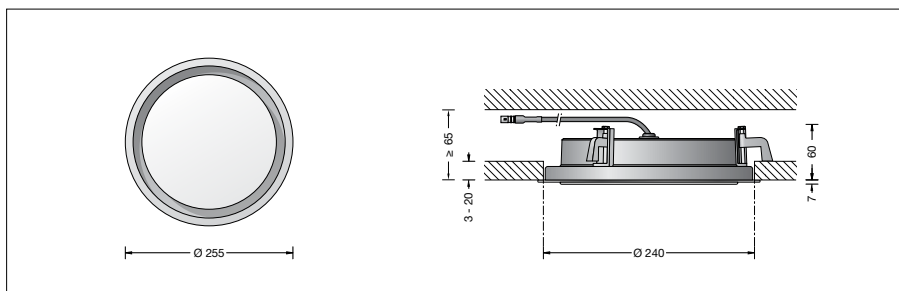
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Module designation	LED-0447/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2815 lm
Luminaire luminous flux	1651 lm
Luminaire luminous efficiency	78,6 lm/W

Lifetime of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 312,000h: L70B50

max. ambient temperature $t_a = 35^\circ\text{C}$
– at 169,000h: L70B50



Accessories

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

13 177 Power supply unit on/off

13 173 Power supply unit DALI

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

13 028 Installation housing

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
- Stainless steel

Code number **.1**
Code number **.2**