

BEGA**50 177**

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 for connection to an external LED power supply unit.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

For installation into ceilings with a shallow depth in interior areas.

Product description

Recessed LED luminaire without power supply unit
Aluminium luminaire housing
Opal glass, satin matt, with screw neck
Silicone gasket
Recessed opening \varnothing 240 mm
Recessed depth required 65 mm
Luminaire housing with 3 fixing claws and guide screws
1 connecting cable with strain relief and plug connector system for BEGA power supply unit, dimmable 1-10 V or DALI
Safety class III
CE – Conformity mark
Weight: 2.5 kg

Lamp

Module connected wattage	37.5 W
Luminaire connected wattage	42 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 30 \text{ }^\circ\text{C}$

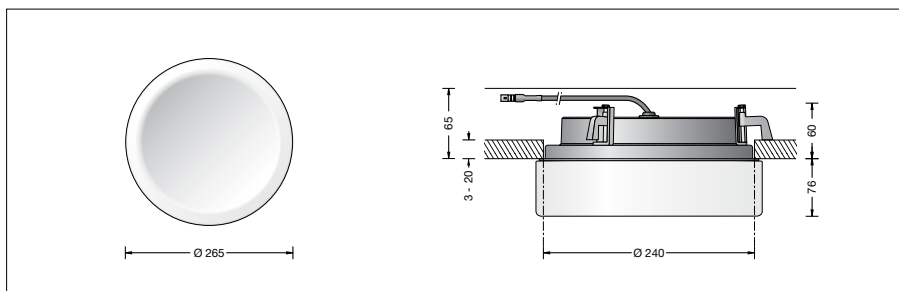
50 177

Module designation	LED-0782/930
Colour temperature	3000 K
Colour rendering index	$R_a > 90$
Module luminous flux	4910 lm
Luminaire luminous flux*	3220 lm
Luminaire luminous efficiency*	76,7 lm/W

50 177 K4

Module designation	LED-0782/940
Colour temperature	4000 K
Colour rendering index	$R_a > 90$
Module luminous flux	5060 lm
Luminaire luminous flux*	3318 lm
Luminaire luminous efficiency*	79 lm/W

* preliminary data



Lifetime of the LED

Ambient temperature $t_a = 15 \text{ }^\circ\text{C}$
– at 50,000 h: L 80 B 10
– at 240,000 h: L 70 B 50

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
– at 50,000 h: L 80 B 10
– at 195,000 h: L 70 B 50

max. ambient temperature $t_a = 30 \text{ }^\circ\text{C}$
– at 50,000 h: L 80 B 10
– at 180,000 h: L 70 B 50

Article No. 50 177

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

Accessories

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

13 132 Power supply unit dimmable 1-10 V
13 133 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.