

BEGA**12 065.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed LED ceiling luminaire · indoor luminaire with hand-blown crystal glass and metal housing for connection to external LED power supply unit. A focusing / dispersing lens bundles the powerful LED light in the centre of the reflector for a direct proportion of downlight. At the same time, a proportion of the dispersed light is used to illuminate the luminaire glass and to generate the vertical illuminance. For installation into ceilings with a shallow depth in interior areas.

Product description

Luminaire housing made of metal
Metal ceiling frame ring, finish white enamel
Crystal glass with screw neck
Additional focusing / dispersing lens made of partially frosted crystal glass
Reflector made of pure, high-gloss anodized aluminium
Silicone gasket
Fixing is achieved by using two adjustable wedge-shaped claws
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: 0.9 kg

Lighting technology

Half beam angle 38°
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 | 17.7 W |
| Luminaire connected wattage | 21.6 W |
| Rated temperature | $t_a = 25\text{ °C}$ |
| Ambient temperature | $t_{a\text{ max}} = 40\text{ °C}$ |
| When installed in heat-insulating material | $t_{a\text{ max}} = 30\text{ °C}$ |

12 065.1 K3

| | |
|-------------------------------|--------------|
| Module designation | LED-0327/930 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI >90 |
| Module luminous flux | 2745 lm |
| Luminaire luminous flux | 2132 lm |
| Luminaire luminous efficiency | 98,7 lm/W |

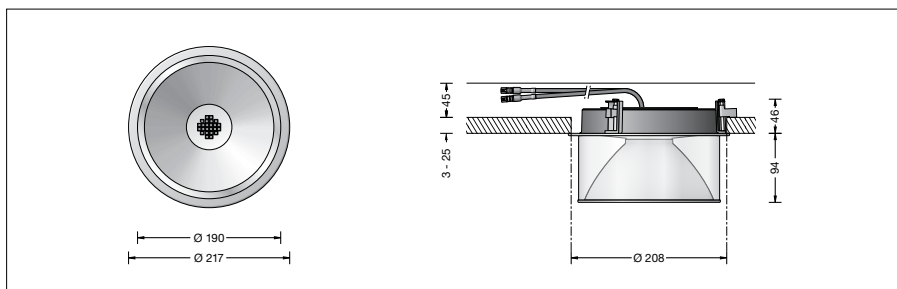
12 065.1 K4

| | |
|-------------------------------|--------------|
| Module designation | LED-0327/940 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI >90 |
| Module flux | 2830 lm |
| Luminaire luminous flux | 2198 lm |
| Luminaire luminous efficiency | 101,8 lm/W |

Lifetime of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at 213,000h: L70B50

max. ambient temperature $t_a = 40\text{ °C}$
– at 158,000h: L70B50



Accessories

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

13 202 Power supply unit on/off
13 174 Power supply unit DALI

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

13 018 Installation housing

For the accessories a separate instructions for use can be provided upon request.

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

Finish options

- Enamel, white
- Stainless steel
- Polished aluminium

Code number **.1**
Code number **.2**
Code number **.3**