BEGA

12 069.1

Recessed ceiling luminaire for indoor use

Project · Reference number	Date

Product data sheet

Application
Recessed LED ceiling luminaire · indoor luminaire with hand-blown opal 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
Opal 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 three 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: 1.8 kg

Lighting technology
Half beam angle 35°
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	21.5 W
Rated temperature	$t_a = 25\ °C$
Ambient temperature	$t_{a\ max} = 40\ °C$
When installed in heat-insulating material	$t_{a\ max} = 30\ °C$

12 069.1 K3
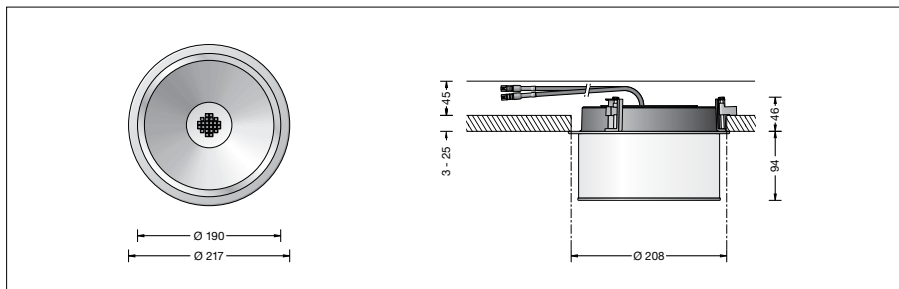|	
Module designation	LED-0327/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2745 lm
Luminaire luminous flux	1991 lm
Luminaire luminous efficiency	92,6 lm/W

12 069.1 K4
Module designation	LED-0327/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2830 lm
Luminaire luminous flux	2052 lm
Luminaire luminous efficiency	95,4 lm/W

Lifetime of the LED
Ambient temperature $t_a = 25\ °C$
– at   213,000 h: L70 B50

max. ambient temperature $t_a = 40\ °C$
– at   158,000 h: L70 B50

Ø 190
Ø 217
45
3 - 25
46
94
Ø 208

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.

Article No. 12 069.1
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**
- Stainless steel   Code number **.2**
- Polished aluminium   Code number **.3**