

**BEGA****12 067.1**

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 / diffusing 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  
2 connecting cables 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 40°  
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](http://www.bega.com).

**Lamp**

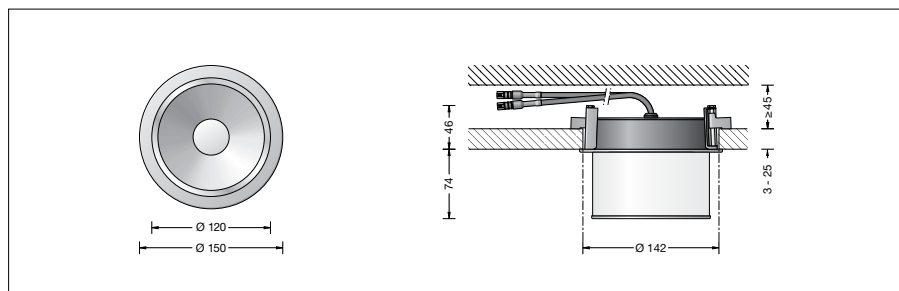
Module connected wattage	9.6 W
Luminaire connected wattage	12 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 30\text{ °C}$

**12 067.1 K3**

Module designation	LED-0328/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1555 lm
Luminaire luminous flux	961 lm
Luminaire luminous efficiency	80,1 lm/W

**12 067.1 K4**

Module designation	LED-0328/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1605 lm
Luminaire luminous flux	991 lm
Luminaire luminous efficiency	82,6 lm/W

**Service life of the LED**

Ambient temperature  $t_a = 25\text{ °C}$   
– at 367,000h: L70B50  
max. ambient temperature  $t_a = 40\text{ °C}$   
– at 269,000h: L70B50

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

**Optional finishes**

- White enamel code number **.1**
- Stainless steel code number **.2**
- Polished aluminium code number **.3**

**Accessories**

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

**13 176** Power supply unit on/off**13 203** Power supply unit DALI

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

**13 025** Installation housing

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