

**BEGA****12 066.1**

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: 0.7 kg

### Lamp

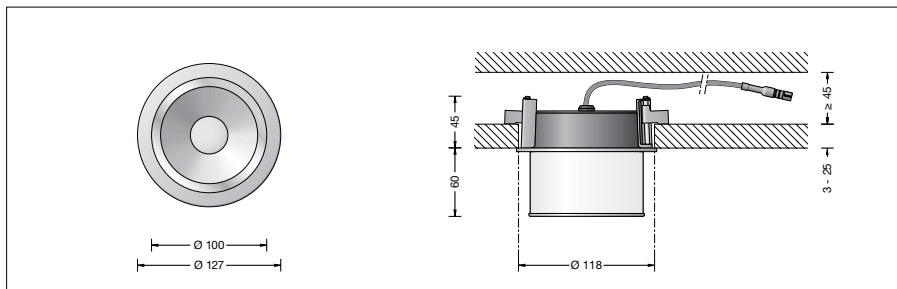
Module connected wattage	5.7 W
Luminaire connected wattage	7.2 W
Rated temperature	$t_a = 25 \text{ °C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ °C}$

### 12 066.1 K3

Module designation	LED-0329/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	750 lm
Luminaire luminous flux	486 lm
Luminaire luminous efficiency	67,5 lm/W

### 12 066.1 K4

Module designation	LED-0329/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	755 lm
Luminaire luminous flux	502 lm
Luminaire luminous efficiency	69,7 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25 \text{ °C}$   
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 35 \text{ °C}$   
– at 322,000h: L70B50

### Lighting technology

Half beam angle  $45^\circ$   
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).

### Article No. 12 066.1

Optional finishes  
• White enamel code number **.1**  
• Stainless steel code number **.2**  
• Polished aluminium code number **.3**

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

### 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  
**13 172** Power supply unit DALI

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

**13 024** Installation housing

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

### Light distribution

