

**BEGA****12 065.2**

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  
Ceiling frame ring stainless steel finish  
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](http://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	$t_{a\text{ max}} = 30\text{ °C}$

### 12 065.2 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

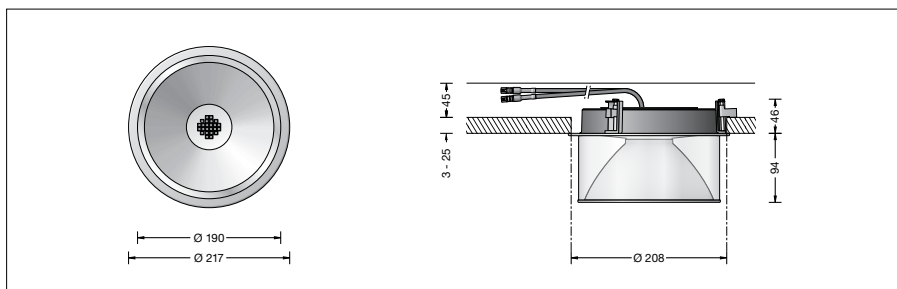
### 12 065.2 K4

Module designation	LED-0327/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous 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.

### Article No. 12 065.2

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**