

BEGA**12 062.3**

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
Polished aluminium ceiling trim ring
Crystal 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
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: 0.7 kg

Lighting technology

Half beam angle 45°
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	5.7 W
Luminaire connected wattage	7.2 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

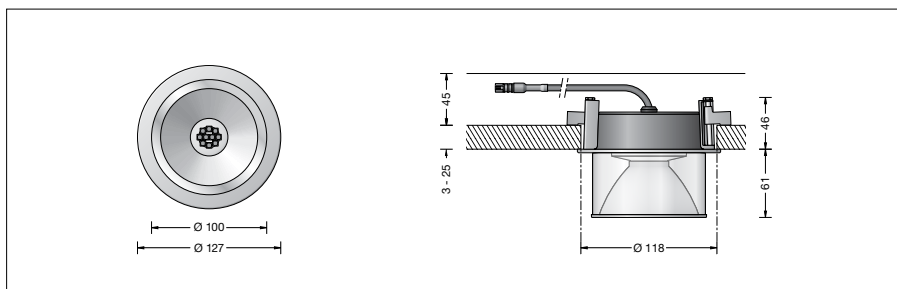
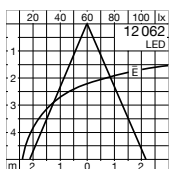
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Module designation	LED-0329/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	750 lm
Luminaire luminous flux	552 lm
Luminaire luminous efficiency	76,7 lm/W

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Module designation	LED-0329/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	775 lm
Luminaire luminous flux	570 lm
Luminaire luminous efficiency	79,2 lm/W

Light distribution



Service life of the LED

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

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

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.

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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**