

BEGA**12 063.2**

Recessed ceiling downlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Recessed 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 made of stainless steel
 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: 0.9 kg
 This product contains light sources of energy efficiency class(es) D

Lighting technology

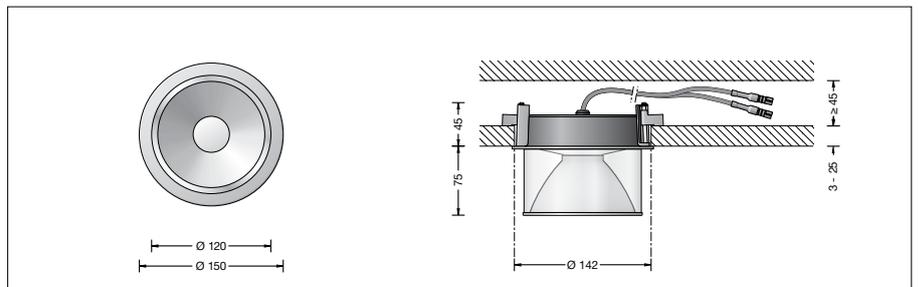
Half beam angle 40°
 Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on our website at www.bega.com.

Lamp

Module connected wattage	9.5 W
Luminaire connected wattage	12 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 25\text{ °C}$

12 063.2 K3

Module designation	LED-0328/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1600 lm
Luminaire luminous flux	1144 lm
Luminaire luminous efficiency	95,3 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
 LED module: > 200,000h (L 80 B 50)
 50,000h (L 90 B 50)

Ambient temperature max. $t_a = 45\text{ °C}$ (100 %)
 LED module: > 200,000h (L 80 B 50)
 50,000h (L 90 B 50)

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.

Article No. 12 063.2

Finish options
 • White
 • Stainless steel

Code number .1
 Code number .2

Light distribution

