

BEGA**50 266.1**

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 and 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. Luminaire with adjustable LED colour temperature (Tunable White). For installation into ceilings with a shallow depth in interior areas.

Product description

Recessed LED ceiling luminaire · Downlight with a remote DALI controllable power supply unit
Luminaire housing made of metal
Metal ceiling frame ring, finish white enamel
Opal glass with screw neck
Additional focusing / dispersing lens made of partially frosted crystal glass
Reflector made of pure, high-gloss anodized aluminium
Silicone gasket
Ceiling aperture \varnothing 161 mm
Free space installation depth required 45 mm
Fixing is achieved by using two adjustable wedge-shaped claws
Connecting terminal DA DA for digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable (Device Type 8 for Tunable White according to IEC 62386-209)
A basic isolation exists between power cable and control line
Safety class II 
CE – Conformity mark
Weight: 1.8 kg

Lamp

Module connected wattage	14.8 W
Luminaire connected wattage	17.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

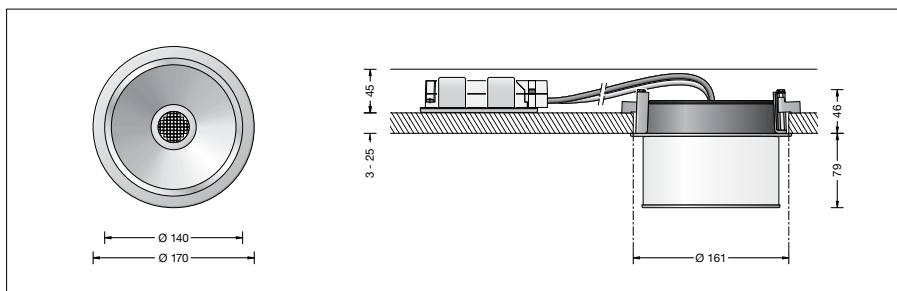
Module designation	LED-0700/9TW
Colour temperature adjust.	2700 - 6500 K
Colour rendering index	$R_a > 90$
Module luminous flux	1880 lm
Luminaire luminous flux*	1193 lm
Luminaire luminous efficiency*	69,4 lm/W

* preliminary data

Setting the colour temperature

The LED colour temperature of the luminaire can be set from 2700 to 6500 K ("Tunable White").

Please note: To be able to set the LED colour temperature, the controller used must support DALI Device Type 8. If no LED colour temperature setting is made, 3000 K will be used by default.



Lifetime of the LED

Ambient temperature $t_a = 15^\circ\text{C}$
– at 50,000 h: L90B10
– at 367,000 h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$
– at 50,000 h: L80B10
– at 197,000 h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$
– at 50,000 h: L80B50
– at 84,000 h: L70B50

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 the BEGA website www.bega.com.

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Finish options
• Enamel, white Code number **.1**
• Stainless steel Code number **.2**
• Polished aluminium Code number **.3**

Accessories

13 026 Installation housing

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