BEGA

50 270

Recessed ceiling luminaire for indoor use

□

Project · Reference number	Date

Product data sheet

Application
LED recessed ceiling luminaire · indoor luminaire with hand-blown opal glass, satin matt and metal housing and external LED power supply unit.
Luminaire with adjustable colour temperature (Tunable White).
They are ideal for places where a soft and uniform lighting distribution is required.
For installation into ceilings with a shallow depth in interior areas.

Product description
Recessed LED ceiling luminaire with a remote DALI controllable power supply unit
Luminaire housing made of metal
Opal glass, satin matt, with screw neck
Silicone gasket
Ceiling aperture ø 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 ⏦ 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 □
$\mathrm{C}\mathrm{\epsilon}$ – Conformity mark
Weight: 1.8 kg

Lamp
Module connected wattage	15.6 W
Luminaire connected wattage	18 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 40$ °C

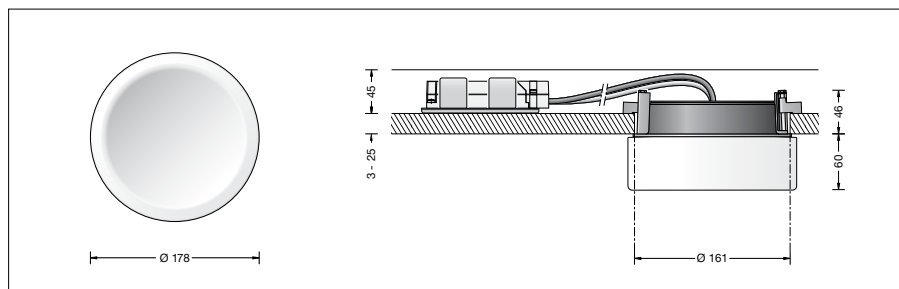|	
Module designation	LED-0700/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	$R_a > 90$
Module luminous flux	1880 lm
Luminaire luminous flux	1200 lm
Luminaire luminous efficiency	66,7 lm / W

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 $t_a = 15$ °C
– at   50,000 h: L90 B10
– at 367,000 h: L70 B50

Ambient temperature $t_a = 25$ °C
– at   50,000 h: L80 B10
– at 197,000 h: L70 B50

max. ambient temperature $t_a = 40$ °C
– at   50,000 h: L80 B50
– at   84,000 h: L70 B50

Light technique
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com.

Accessories
13 026 Installation housing

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