BEGA

50 271

Recessed ceiling luminaire for indoor use

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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 · Downlight 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 208 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 回
CE – Conformity mark
Weight: 1.8 kg

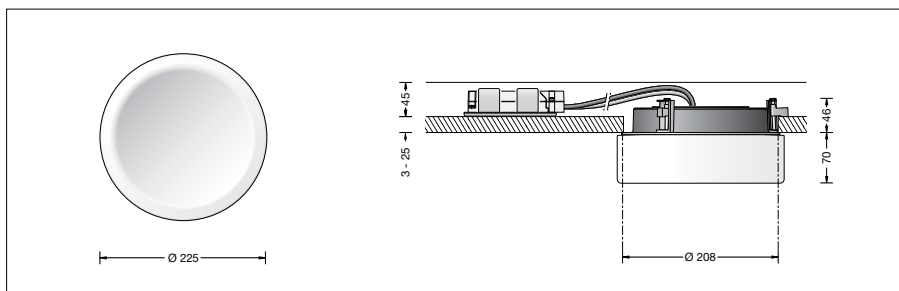### Lamp
Module connected wattage	21.4 W
Luminaire connected wattage	24.3 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 30 °C

Module designation	LED-0700/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	R_a > 90
Module luminous flux	2440 lm
Luminaire luminous flux	1488 lm
Luminaire luminous efficiency	61,2 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.

Ø 225

3 - 25 | 45

Ø 208

46 | 70

Lifetime of the LED
Ambient temperature t_a = 15 °C
– at   50,000 h: L90 B10
– at 345,000 h: L70 B50

Ambient temperature t_a = 25 °C
– at   50,000 h: L80 B10
– at 186,000 h: L70 B50

max. ambient temperature t_a = 30 °C
– at   50,000 h: L90 B50
– at 139,000 h: L70 B50

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.

Accessories

13 018   Installation housing

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