BEGA

50 291.1

Recessed ceiling and wall luminaire for indoor use

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Project · Reference number	Date

Product data sheet

Application
Recessed LED-ceiling and wall luminaire · indoor luminaire with hand-blown opal glass, satin matt and metal housing with cover ring and with 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 and wall luminaire with a remote DALI controllable power supply unit
Luminaire housing made of aluminium
Metal cover ring
Finish white enamel
Opal glass, satin matt, with screw neck
Silicone gasket
Recessed opening ø 325 mm
Recessed depth required 65 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 ▣
CE – Conformity mark
Weight: 2.5 kg

Lamp
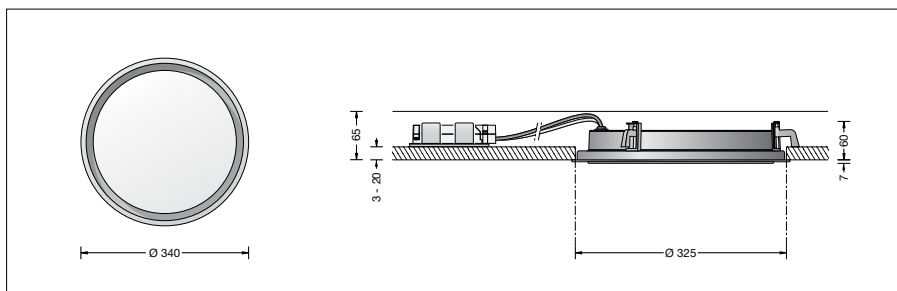|	
Module connected wattage	28.1 W
Luminaire connected wattage	32 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 30$ °C
Module designation	LED-0832/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	$R_a > 90$
Module luminous flux	3650 lm
Luminaire luminous flux*	1800 lm
Luminaire luminous efficiency*	56,2 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 $t_a = 15$ °C
– at 50,000 h: L90 B10
– at > 500,000 h: L70 B50

Ambient temperature $t_a = 25$ °C
– at 50,000 h: L80 B10
– at 274,000 h: L70 B50

max. ambient temperature $t_a = 30$ °C
– at 50,000 h: L80 B10
– at 201,000 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
13 029 Installation housing

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

Article No. 50 291.1
Finish options
• Enamel, white — Code number **.1**
• Stainless steel — Code number **.2**