BEGA

50 203

Recessed ceiling and wall luminaire for indoor use

▣

Project · Reference number	Date

Product data sheet

Application
Recessed LED-ceiling and wall luminaire · indoor luminaire with hand-blown opal glass, satin matt and aluminium housing 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
Opal glass, satin matt, with screw neck
Silicone gasket
Recessed opening ø 240 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 ▣
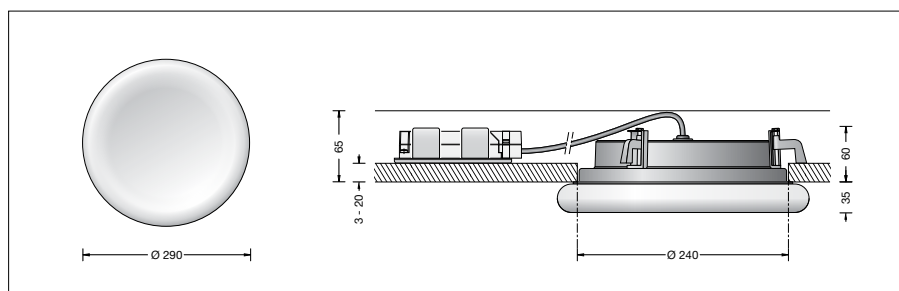$C\epsilon$ – Conformity mark
Weight: 0.8 kg

Lamp
Module connected wattage	18.1 W
Luminaire connected wattage	21 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 40$ °C
Module designation	LED-0816/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	$R_a > 90$
Module luminous flux	2335 lm
Luminaire luminous flux*	1410 lm
Luminaire luminous efficiency*	67,1 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: L90 B10
– at　334,000 h: L70 B50

max. ambient temperature $t_a = 40$ °C
– at　　50,000 h: L90 B50
– at　135,000 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
13 028　Installation housing

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