BEGA 50 299

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 opaque crystal glass 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.

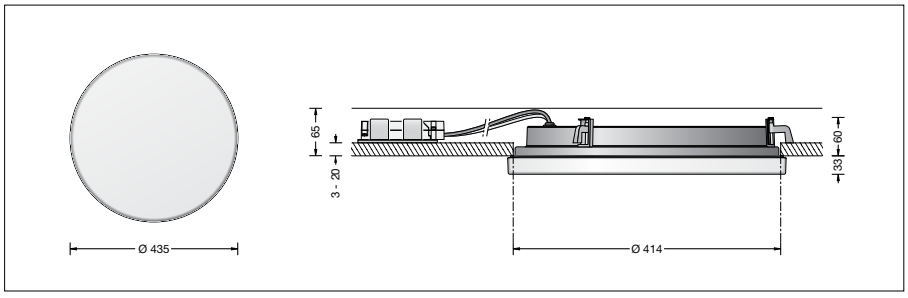
Product description
Recessed LED-ceiling and wall luminaire with a remote DALI controllable power supply unit
Luminaire housing made of aluminium
Hand-blown opaque crystal glass, with screw-neck
Silicone gasket
Recessed opening ø 414 mm
Recessed depth required 65 mm
Luminaire housing with 3 fixing claws and guide screws
Connecting terminal for digital control
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
During DC operation the LED power is reduced to 50 %
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 ⧈
10 – Safety mark
CE – Conformity mark
Weight: 8.0 kg

Lamp

Module connected wattage	33 W
Luminaire connected wattage	37.5 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 30 °C
Module designation	LED-0805/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	R_a > 90
Module luminous flux	4050 lm
Luminaire luminous flux*	2420 lm
Luminaire luminous efficiency*	64,5 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.



Service life of the LED
Ambient temperature t_a = 25 °C
– at 310,000 h: L70B50

max. ambient temperature t_a = 30 °C
– at 228,000 h: L70B50

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
13 030 Installation housing

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