

BEGA**50 205**

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 \varnothing 414 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 \sim 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

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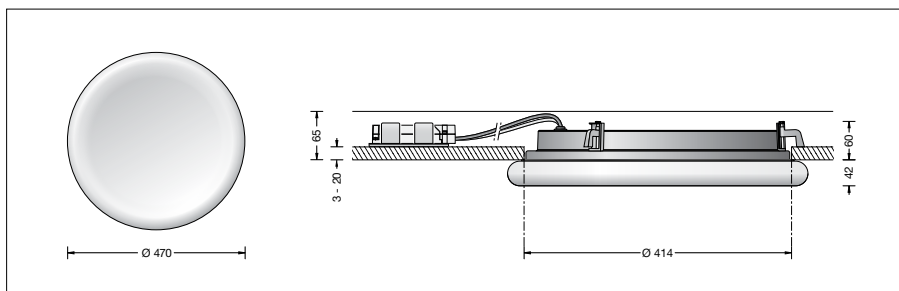
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Lamp

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* 2520 lm

Luminaire luminous efficiency* 67,2 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 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C

– at 50,000h: L90B10

– at 310,000h: L70B50

max. ambient temperature $t_a = 30$ °C

– at 50,000h: L80B10

– at 228,000h: 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.