

BEGA**50 298**

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 \varnothing 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 \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

Weight: 4.6 kg

Lamp

Module connected wattage 28.1 W

Luminaire connected wattage 32 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{max}} = 30^\circ\text{C}$

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* 2300 lm

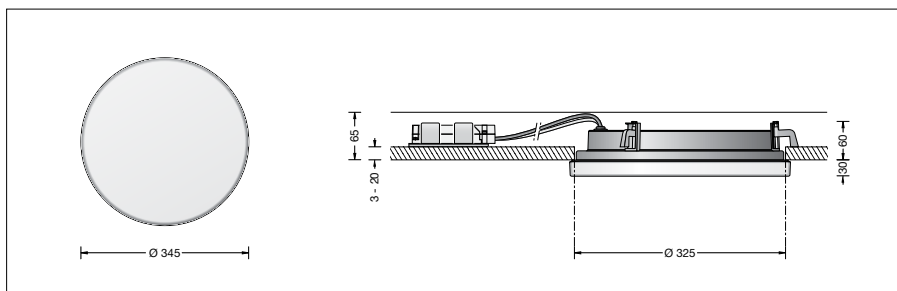
Luminaire luminous efficiency* 71,9 lm/W

* 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 $t_a = 15^\circ\text{C}$

– at 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25^\circ\text{C}$

– at 50,000h: L90B10

– at 274,000h: L70B50

max. ambient temperature $t_a = 30^\circ\text{C}$

– at 50,000h: L80B10

– at 201,000h: 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

13029 Installation housing

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