

**BEGA****50 296**

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

Luminaire housing with 3 fixing claws and guide screws

Connecting terminal for digital control

LED power supply unit

220-240 V  $\sim$  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

– Safety mark

**CE** – Conformity mark

Weight: 4.7 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\* 2520 lm

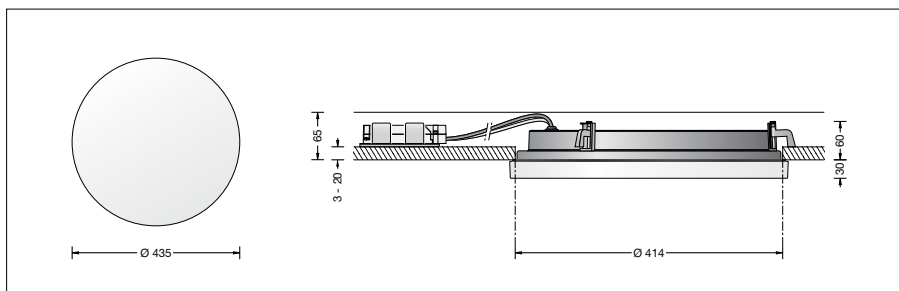
Luminaire luminous efficiency\* 67,2 lm/W

\* 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.



### Service life of the LED

Ambient temperature  $t_a = 25$  °C

– at 310,000h: L70B50

max. ambient temperature  $t_a = 30$  °C

– 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](http://www.bega.com).

### Accessories

**13030** Installation housing

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