

**BEGA****50 293**

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  $\varnothing$  166 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

### Lamp

Module connected wattage	8.5 W
Luminaire connected wattage	9.8 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 55 \text{ }^\circ\text{C}$
When installed in heat-insulating material	$t_{a \text{ max}} = 50 \text{ }^\circ\text{C}$

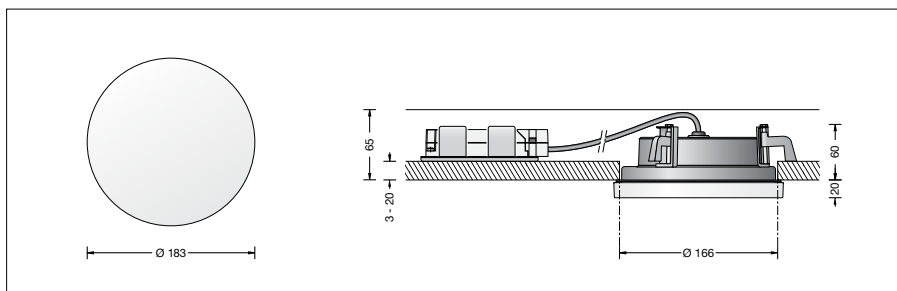
Module designation	LED-0802/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	$R_a > 90$
Module luminous flux	1000 lm
Luminaire luminous flux*	620 lm
Luminaire luminous efficiency*	63,3 lm/W

\* 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  $t_a = 15 \text{ }^\circ\text{C}$   
– at 50,000 h: L90 B10  
– at 481,000 h: L70 B50

Ambient temperature  $t_a = 25 \text{ }^\circ\text{C}$   
– at 50,000 h: L80 B10  
– at 256,000 h: L70 B50

max. ambient temperature  $t_a = 55 \text{ }^\circ\text{C}$   
– at 50,000 h: L70 B50  
– at 61,000 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](http://www.bega.com).

### Accessories

**13 027** Installation housing

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