

**BEGA****50 290.1**

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 metal housing with cover ring 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

Metal cover ring

Finish white enamel

Opal glass, satin matt, with screw neck

Silicone gasket

Recessed opening  $\varnothing$  240 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: 1.5 kg

### Lamp

Module connected wattage 18.1 W

Luminaire connected wattage 21 W

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

Ambient temperature  $t_{a\text{ max}} = 40\text{ }^\circ\text{C}$

When installed in heat-insulating material  $t_{a\text{ max}} = 30\text{ }^\circ\text{C}$

Module designation LED-0816/9TW

Colour temperature adjust. 2700 - 6500 K

Colour rendering index  $R_a > 90$

Module luminous flux 2335 lm

Luminaire luminous flux\* 1075 lm

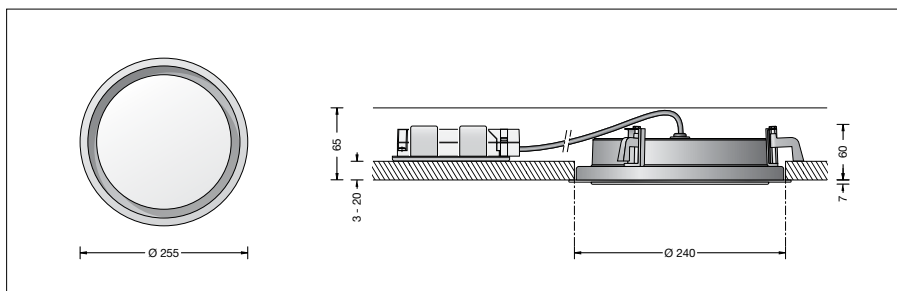
Luminaire luminous efficiency\* 51,2 lm/W

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

– at 50,000 h: L90 B10

– at 289,000 h: L70 B50

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

– at 50,000 h: L90 B50

– at 158,000 h: L70 B50

max. ambient temperature  $t_a = 40\text{ }^\circ\text{C}$

– at 50,000 h: L70 B10

– at 118,000 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

**13 028** Installation housing

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

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Finish options

- Enamel, white
- Stainless steel

Code number **.1**

Code number **.2**