BEGA

50 289.2

Recessed ceiling and wall luminaire for indoor use

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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
Cover ring stainless steel
Opal glass, satin matt, with screw neck
Silicone gasket
Recessed opening ø 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 ⏦ 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 ☐
$C\epsilon$ – Conformity mark
Weight: 0.8 kg

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

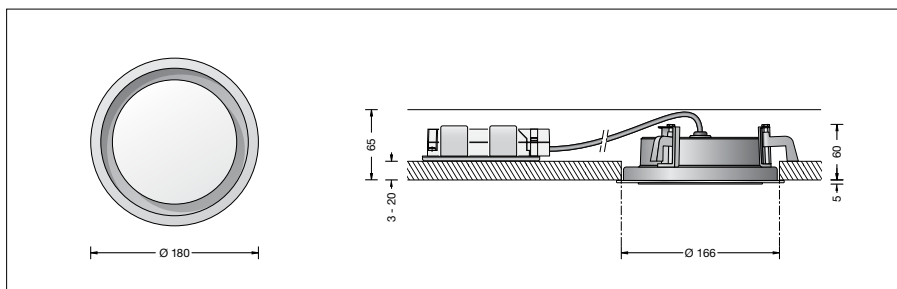|	
Module designation	LED-0802/9TW
Colour temperature	adjust. 2700 - 6500 K
Colour rendering index	$R_a > 90$
Module luminous flux	1000 lm
Luminaire luminous flux*	460 lm
Luminaire luminous efficiency*	46,9 lm/W

* 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 $t_a = 15$ °C
– at   50,000 h: L90 B10
– at 481,000 h: L70 B50

Ambient temperature $t_a = 25$ °C
– at   50,000 h: L80 B10
– at 256,000 h: L70 B50

max. ambient temperature $t_a = 55$ °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.

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Finish options
• Enamel, white   Code number **.1**
• Stainless steel   Code number **.2**

Accessories
13 027   Installation housing

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