

BEGA**50 280.1**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet**Application**

LED ceiling and wall luminaire with high light power, high uniform light distribution and adjustable colour temperature (Tunable White). Large-area LED luminaire with metal luminaire housing.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire housing made of aluminium

Finish white enamel

Crystal glass, inside white

Silicone gasket

2 cable entries for through-wiring for mains

cable up to \varnothing 11 mm max. $5 \times 1.5^{\square}$

Connecting terminal 2.5^{\square}

Earth conductor connection

Connecting terminal DA DA for

digital control

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

DC Start \geq 190 V

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 I

CE – Conformity mark

Weight: 13.5 kg

Inrush current

Inrush current: 73 A / 189 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 5 luminaires

B 16A: 9 luminaires

C 10A: 9 luminaires

C 16A: 15 luminaires

Lamp

Module connected wattage 55.2 W

Luminaire connected wattage 63.5 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 40$ °C

Module designation 6x LED-0717/8TW

Colour temperature adjust. 2700 - 6500 K

Colour rendering index $R_a > 80$

Module luminous flux 9750 lm

Luminaire luminous flux* 4150 lm

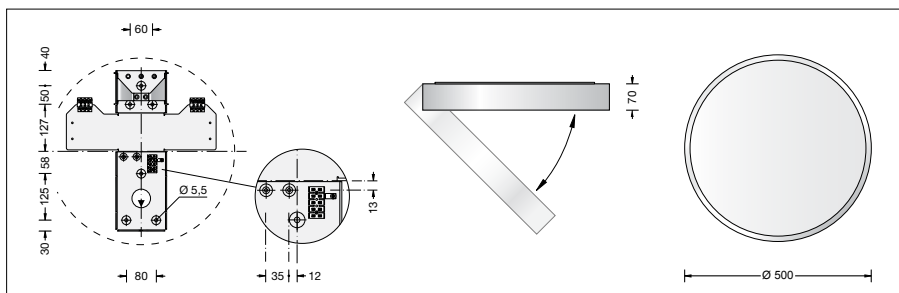
Luminaire luminous efficiency* 65,4 lm/W

* 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 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C

– at 50,000h: L90B10

– at > 500,000h: L70B50

max. ambient temperature $t_a = 40$ °C

– at 50,000h: L80B10

– at 226,000h: L70B50

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Finish options

- Enamel, white
- Stainless steel
- Chrome

Code number **.1**

Code number **.2**

Code number **.3**