

BEGA**50 327.3**

Large-area luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

LED ceiling and wall luminaire · indoor luminaire made of impact resistant synthetic diffuser and metal housing.

Large-area luminaire with high light output and high uniform light distribution.

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 polished aluminium

Synthetic diffuser with white light-diffusing matt finish

Silicone gasket

4 elongated fixing holes

Width 9,2 mm · 700 x 700 mm spacing

2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5G 1.5[□]

Connection terminal 2.5[□]

Earth conductor connection

LED power supply unit

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

DC 176-280 V

DC Start \geq 190 V

DALI controllable

A basic isolation exists between power cable and control line

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

– Safety mark

– Conformity mark

Weight: 17.5 kg

Inrush current

Inrush current: 59 A / 165 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: 16 luminaires

Lamp

Module connected wattage 117.6 W

Luminaire connected wattage 133 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a,max} = 35$ °C

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Module designation

4x LED-0566/930 + 6x LED-0567/930 + 2x

LED-0568/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 15250 lm

Luminaire luminous flux 11580 lm

Luminaire luminous efficiency 87,1 lm/W

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Module designation

4x LED-0566/940 + 6x LED-0567/940 + 2x

LED-0568/940

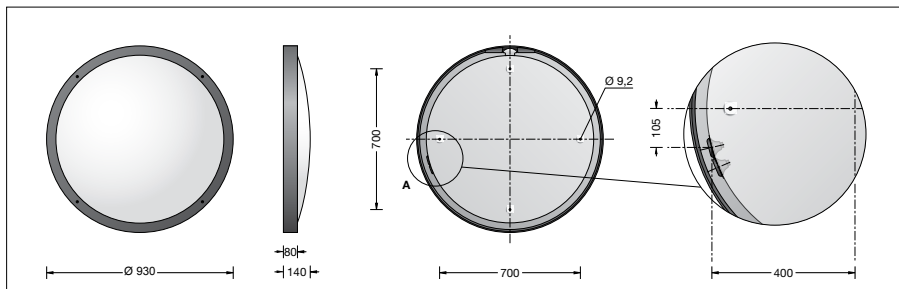
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 16330 lm

Luminaire luminous flux 12400 lm

Luminaire luminous efficiency 93,2 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25$ °C

– at 302,000h: L70 B50

max. ambient temperature $t_a = 35$ °C

– at 164,000h: 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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LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Optional finishes

- White enamel
- Polished aluminium

Code number **.1**

Code number **.3**