

**BEGA****50 327.1**

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

White enamel finish

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<sup>□</sup>

Connection terminal 2.5<sup>□</sup>

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  $\mu$ 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

**50 327.1 K3**

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

**50 327.1 K4**

Module designation

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

LED-0568/940

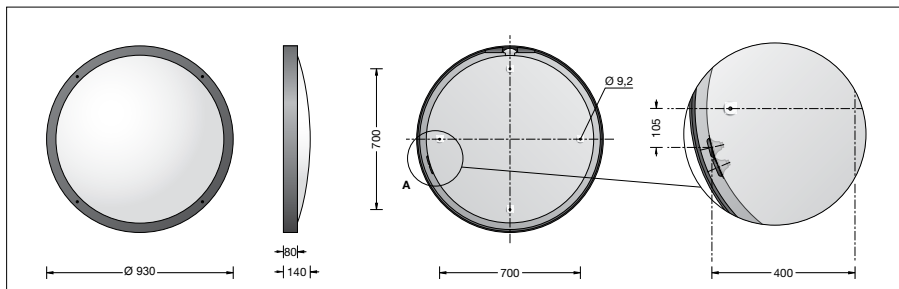
Colour temperature 4000 K

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](http://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**