

**BEGA****50 326.3**

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 · 340 x 340 mm spacing

2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<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

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

**CE** – Conformity mark

Weight: 9.3 kg

### Inrush current

Inrush current: 20 A / 400  $\mu$ s

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

B 10A: 9 luminaires

B 16A: 15 luminaires

C 10A: 16 luminaires

C 16A: 25 luminaires

### Lamp

Module connected wattage 48.4 W

Luminaire connected wattage 55 W

Rated temperature  $t_a = 25$  °C

Ambient temperature  $t_{a \max} = 30$  °C

### 50 326.3 K3

Module designation 4x LED-0567/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 6140 lm

Luminaire luminous flux 4863 lm

Luminaire luminous efficiency 88,4 lm/W

### 50 326.3 K4

Module designation 4x LED-0567/940

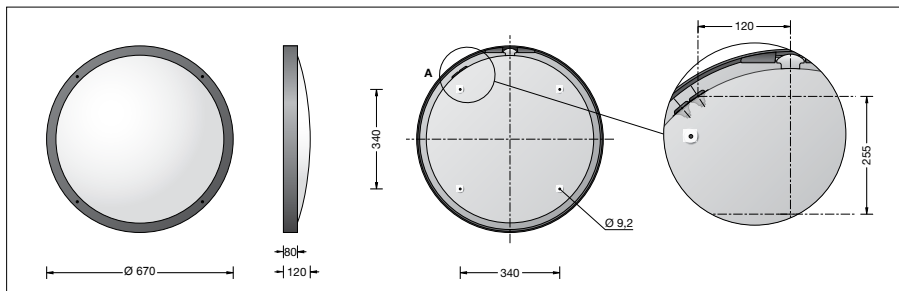
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 6360 lm

Luminaire luminous flux 5038 lm

Luminaire luminous efficiency 91,6 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25$  °C

– at > 500,000h: L70B50

max. ambient temperature  $t_a = 30$  °C

– at 428,000h: L70B50

### 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 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Optional finishes

- White enamel Code number **.1**
- Polished aluminium Code number **.3**