

**BEGA****23 620.1**

Ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Surface mounted LED downlight · indoor luminaire with hand-blown opal glass and metal housing. A focusing / dispersing lens bundles the powerful LED-light in the centre of the reflector for a direct proportion of downlight. At the same time, a proportion of the dispersed light is used to illuminate the luminaire glass and to generate the vertical illuminance. Luminaires for rooms, stairways and corridors.

### Product description

Luminaire made of Aluminium, finish white enamel  
Opal glass with screw neck  
Additional focusing / diffusing lens made of partially frosted crystal glass  
Reflector made of pure, high-gloss anodized aluminium  
Silicone gasket  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 93 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm  
Connection terminal 2.5<sup>2</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 170-280 V  
Safety class I  
 – Safety mark  
**CE** – Conformity mark  
Weight: 0.8 kg

### Inrush current

Inrush current: 27 A / 250  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 17 luminaires  
B16A: 27 luminaires  
C10A: 28 luminaires  
C16A: 45 luminaires

### Lamp

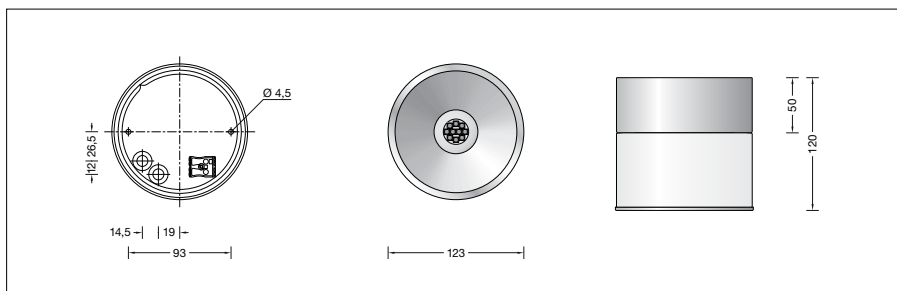
|                             |                     |
|-----------------------------|---------------------|
| Module connected wattage    | 6.1 W               |
| Luminaire connected wattage | 7.6 W               |
| Rated temperature           | $t_a = 25$ °C       |
| Ambient temperature         | $t_{a,max} = 40$ °C |

### 23 620.1 K3

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0505/930 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 90     |
| Module luminous flux          | 1000 lm      |
| Luminaire luminous flux       | 571 lm       |
| Luminaire luminous efficiency | 75,1 lm/W    |

### 23 620.1 K4

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0505/940 |
| Colour temperature            | 4000 K       |
| Colour rendering index        | CRI > 90     |
| Module luminous flux          | 1030 lm      |
| Luminaire luminous flux       | 588 lm       |
| Luminaire luminous efficiency | 77,4 lm/W    |



### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at > 500,000 h: L70B50  
max. ambient temperature  $t_a = 40$  °C  
– at 260,000 h: L70B50

### Lighting technology

Half beam angle 42°  
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [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**
- Stainless steel code number **.2**
- Polished aluminium code number **.3**