

**BEGA****23 846.1**

Ceiling luminaire for indoor use



Project · Reference number

Date


## Product data sheet

### Application

Ceiling mounted luminaire · indoor luminaire with handblown opal glass, satin matt and aluminium housing, for all lighting tasks in interior applications.

They are ideal for places where a soft and uniform lighting distribution is required.

### Product description

Luminaire made of Aluminium, finish white enamel  
Opal glass, satin matt, with screw neck  
Silicone gasket  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 69 mm  
1 cable entry for mains supply cable up to  $\varnothing$  10,5 mm  
Connecting terminals 2.5<sup>□</sup>  
Earth conductor connection  
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 V  
Safety class I  
 – Safety mark  
**CE** – Conformity mark  
Weight: 0.55 kg

### Inrush current

Inrush current: 7.8 A / 112  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 38 luminaires  
B 16A: 61 luminaires  
C 10A: 64 luminaires  
C 16A: 102 luminaires

### Lamp

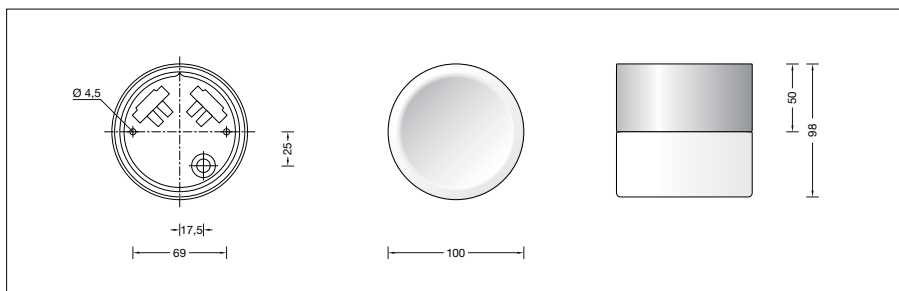
Module connected wattage 3 W  
Luminaire connected wattage 4.1 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 50$  °C

### 23 846.1 K3

Module designation LED-0349/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 445 lm  
Luminaire luminous flux 311 lm  
Luminaire luminous efficiency 75,9 lm/W

### 23 846.1 K4

Module designation LED-0349/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 460 lm  
Luminaire luminous flux 321 lm  
Luminaire luminous efficiency 78,3 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25$  °C  
LED psu: > 50,000h  
LED module: > 200,000h (L 80 B 50)  
50,000h (L 90 B 50)  
Ambient temperature max.  $t_a = 50$  °C (100 %)  
LED psu: 50,000h  
LED module: > 200,000h (L 80 B 50)  
50,000h (L 90 B 50)

### 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).

### Article No. 23 846.1

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**