

BEGA**23 619.3**

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, polished surface finish
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 69 mm
1 cable entry for mains supply cable up to \varnothing 10,5 mm max. $3 \times 1,5^{\square}$
Connecting terminals 2.5^{\square}
Earth conductor connection
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: 0.7 kg

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 38 luminaires
B16A: 61 luminaires
C10A: 64 luminaires
C16A: 102 luminaires

Lamp

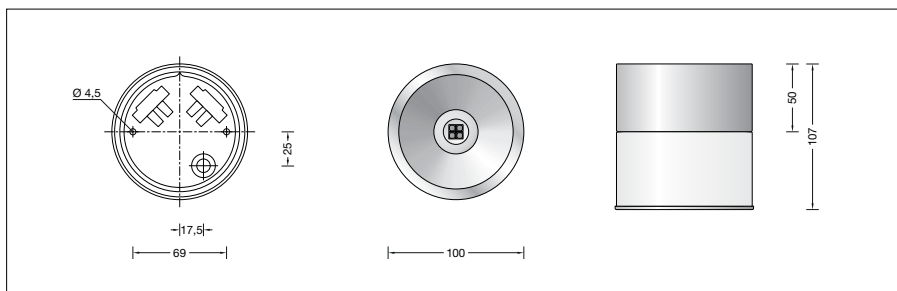
Module connected wattage	3 W
Luminaire connected wattage	4.1 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a, \text{max}} = 50^{\circ}\text{C}$

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Module designation	LED-0349/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	445 lm
Luminaire luminous flux	255 lm
Luminaire luminous efficiency	62,2 lm/W

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Module designation	LED-0349/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	460 lm
Luminaire luminous flux	263 lm
Luminaire luminous efficiency	64,1 lm/W



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at > 500,000 h: L70B50
max. ambient temperature $t_a = 50^{\circ}\text{C}$
– at 167,000 h: L70B50

Lighting technology

Half beam angle 45°
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.

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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**