

BEGA**23 620.3**

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 93 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
Connecting terminals 2.5[□]
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 μ 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

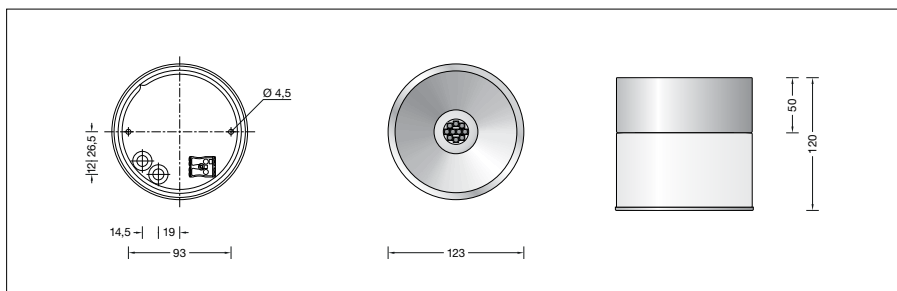
Module connected wattage	6.1 W
Luminaire connected wattage	7.6 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 40$ °C

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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

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Module designation	LED-0505/840
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 44°
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**