

BEGA**23 571.1**

Ceiling luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Surface mounted LED downlight · indoor luminaire with hand-blown crystal 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
 Crystal 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 112 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
 Connection terminal 2.5[□]
 Earth conductor connection
 Connecting terminal for digital control
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DALI controllable
 A basic isolation exists between power cable and control line
 Safety class I
 – Safety mark
 – Conformity mark
 Weight: 1.1 kg

Inrush current

Inrush current: 12 A / 24.2 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 50 luminaires
 B 16A: 50 luminaires
 C 10A: 50 luminaires
 C 16A: 50 luminaires

Lamp

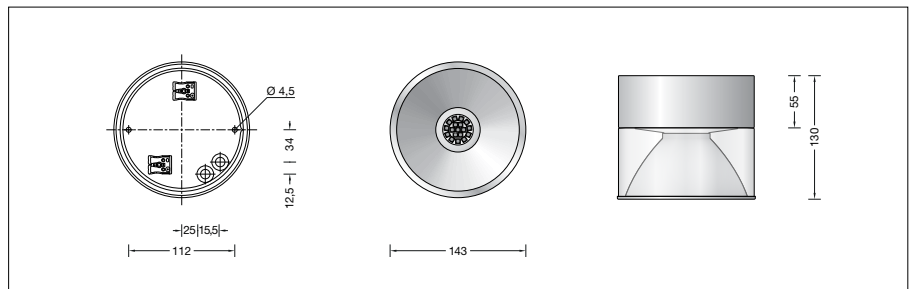
Module connected wattage	9.5 W
Luminaire connected wattage	11.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

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Module designation	LED-0328/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1600 lm
Luminaire luminous flux	1078 lm
Luminaire luminous efficiency	92,1 lm/W

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Module designation	LED-0328/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1695 lm
Luminaire luminous flux	1142 lm
Luminaire luminous efficiency	97,6 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
 – at > 500,000h: L 70 B 50

max. ambient temperature $t_a = 45$ °C
 – at 174,000h: L 70 B 50

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.

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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**