

BEGA**56 565.3**

Pendant luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

Pendant luminaire · 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.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Metal luminaire housing,
finish polished aluminium
Hand-blown crystal glass, with screw-neck
Additional focusing / dispersing lens made of partially frosted crystal glass
Reflector made of pure, high-gloss anodized aluminium
Black flex suspension $2 \times 0,5$ □
with 1 steel messenger wire
Overall length of luminaire ~2000 mm
LED power supply unit inside canopy
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
CE – Conformity mark
Weight: 2.5 kg

Inrush current

Inrush current: 21 A / 18.2 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

Lighting technology

Half beam angle 36°.
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 the BEGA website www.bega.com.

Lamp

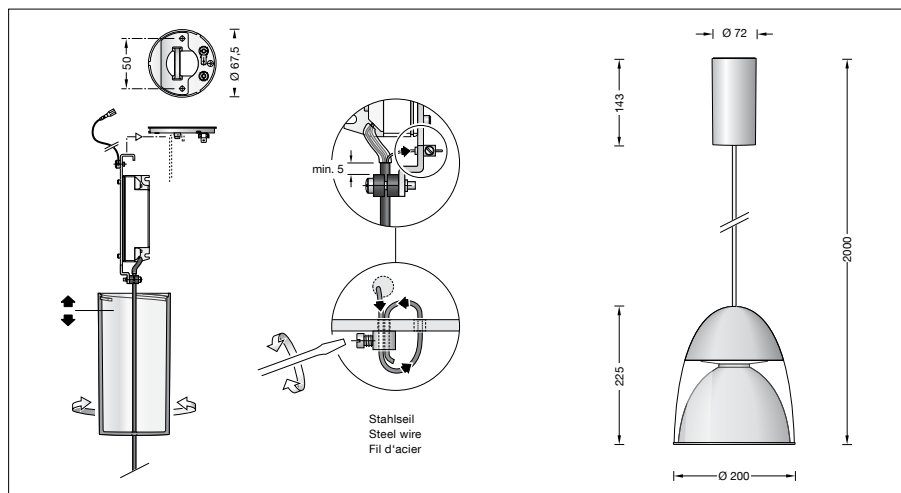
Module connected wattage	13.5 W
Luminaire connected wattage	15.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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Module designation	LED-0328/930
Colour temperature	3000 K
Colour rendering index	$R_a > 90$
Module luminous flux	2135 lm
Luminaire luminous flux	1520 lm
Luminaire luminous efficiency	98,1 lm/W

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Module designation	LED-0328/940
Colour temperature	4000 K
Colour rendering index	$R_a > 90$
Module luminous flux	2200 lm
Luminaire luminous flux	1567 lm
Luminaire luminous efficiency	101,1 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15$ °C
– at 50,000h: L90B10
– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C
– at 50,000h: L90B10
– at > 500,000h: L70B50

max. ambient temperature $t_a = 50$ °C
– at 50,000h: L80B10
– at 165,000h: L70B50

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LED colour temperature optionally 3000K or 4000K
3000 K – Article number
4000 K – Article number + **K4**

Finish options

- Enamel, white
- Stainless steel
- Polished aluminium

Code number **.1**
Code number **.2**
Code number **.3**