

**BEGA****23 576.1**

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  $\varnothing$  5.5 mm  
Distance apart 144 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>□</sup>  
Connecting terminal and earth conductor terminal 2.5<sup>□</sup>  
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  
**CE** – Conformity mark  
Weight: 2.0 kg

### Inrush current

Inrush current: 24 A / 115  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 31 luminaires  
B 16A: 51 luminaires  
C 10A: 53 luminaires  
C 16A: 86 luminaires

### Lamp

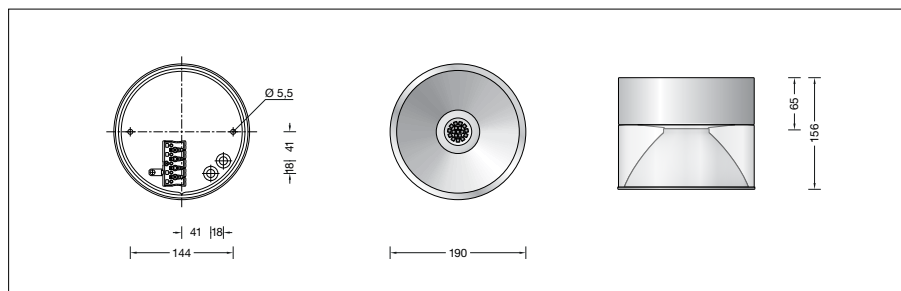
Module connected wattage	13.5 W
Luminaire connected wattage	16.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$

### 23 576.1 K3

Module designation	LED-0328/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2135 lm
Luminaire luminous flux	1560 lm
Luminaire luminous efficiency	94,5 lm/W

### 23 576.1 K4

Module designation	LED-0328/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2200 lm
Luminaire luminous flux	1607 lm
Luminaire luminous efficiency	97,4 lm/W



### Service life of the LED

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

max. ambient temperature  $t_a = 45^\circ\text{C}$   
– at 148,000 h: L70B50

### Lighting technology

Half beam angle  $48^\circ$   
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](http://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 <b>.1</b>
• Stainless steel	code number <b>.2</b>
• Polished aluminium	code number <b>.3</b>