

**BEGA****23 664.2**

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, finish stainless steel  
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  $\varnothing$  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>  
2-pole connecting terminal for analogue dimming  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
DC Start  $\geq$  190 V  
Dimmable 1-10 V

A basic isolation exists between power cable and control line

Luminaire: Safety class I

– Safety mark

**CE** – Conformity mark

Weight: 1.8 kg

**Lamp**

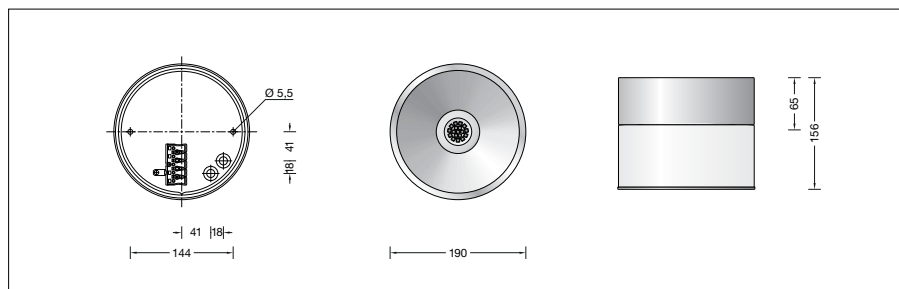
Module connected wattage	13.6 W
Luminaire connected wattage	16.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

**23 664.2 K3**

Module designation	LED-0328/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2135 lm
Luminaire luminous flux	1410 lm
Luminaire luminous efficiency	85,5 lm/W

**23 664.2 K4**

Module designation	LED-0328/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2200 lm
Luminaire luminous flux	1452 lm
Luminaire luminous efficiency	88 lm/W

**Service life of the LED**

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

max. ambient temperature  $t_a = 45$  °C  
– at 198,000h: L70B50

**Lighting technology**

Half beam angle 38°  
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).

**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

**Article No. 23 664.2**

LED colour temperature optionally 3000K or 4000K

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**