

**BEGA****24 029**

Ceiling and wall luminaire

IP 65

Project · Reference number

Date

**Product data sheet****Application**

Unshielded LED ceiling and wall luminaire with high protection class.  
For a variety of interior and exterior lighting applications.

**Product description**

Luminaire made of aluminium alloy and stainless steel  
Colour white  
Opal glass  
Silicone gasket  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 234 mm  
2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<sup>□</sup>  
Connecting terminal 2.5<sup>□</sup> with plug connection  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
DALI controllable  
A basic isolation exists between power cable and control line  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK04  
Protection against mechanical impacts < 0.5 joule  
**CE** – Conformity mark  
Weight: 2.4 kg

**Inrush current**

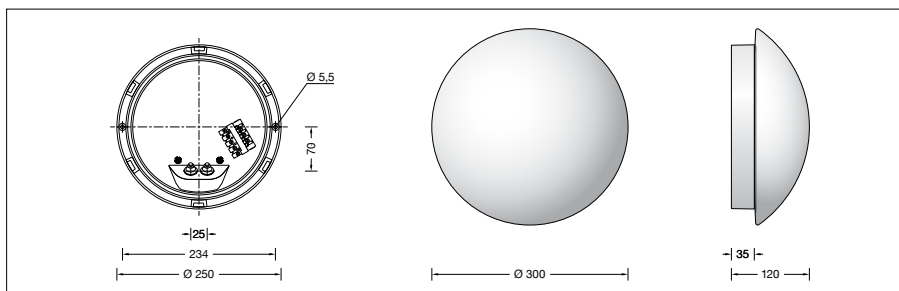
Inrush current: 5 A / 50  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 31 luminaires  
B16A: 50 luminaires  
C10A: 52 luminaires  
C16A: 85 luminaires

**Lamp**

Module connected wattage	14.2 W
Luminaire connected wattage	16.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

On request we can offer you modifications for environments with higher temperatures as a customized product.

**24 029 K3**

Module designation	LED-0917/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2160 lm
Luminaire luminous flux	1593 lm
Luminaire luminous efficiency	95,4 lm/W

**24 029 K4**

Module designation	LED-0917/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2160 lm
Luminaire luminous flux	1593 lm
Luminaire luminous efficiency	95,4 lm/W

**Service life · Ambient temperature**

Ambient temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	178,000 h (L.80 B50)
	100,000 h (L.90 B50)

Ambient temperature $t_a = 30$ °C	
LED psu:	50,000 h
LED module:	129,000 h (L.80 B50)
	100,000 h (L.80 B50)

**Light technique**

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [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**

**Light distribution**