

**BEGA****24 039**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded 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  
 BEGA Unidure® coating technology  
 Opal glass  
 Silicone gasket  
 2 mounting holes  $\varnothing$  5.5 mm  
 Distance apart 190 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm  
 Connecting terminal 2.5<sup>2</sup> with plug connection  
 Earth conductor connection  
 BEGA Ultimate Driver®  
 LED power supply unit  
 220-240 V  $\sphericalangle$  0/50-60 Hz  
 DC 176-264 V  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 Safety class I  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 2.4 kg

### Lamp

Module connected wattage	7.8 W
Luminaire connected wattage	9 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

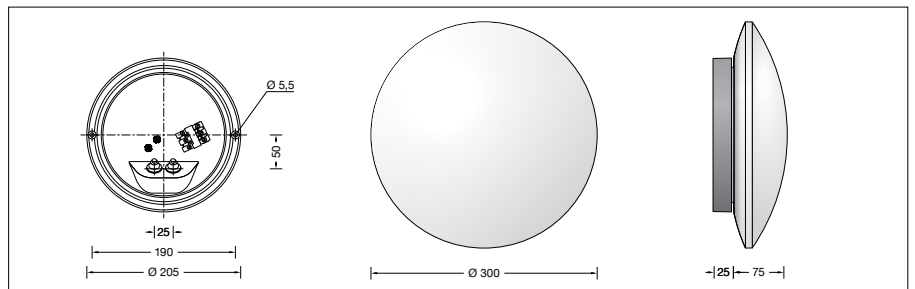
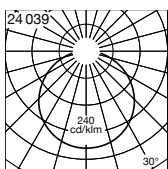
### 24 039 K3

Module designation	LED-0916/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1450 lm
Luminaire luminous flux	1097 lm
Luminaire luminous efficiency	121,9 lm/W

### 24 039 K4

Module designation	LED-0916/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1470 lm
Luminaire luminous flux	1112 lm
Luminaire luminous efficiency	123,6 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)
Ambient temperature max. $t_a = 50$ °C (100 %)	
LED psu:	50,000 h
LED module:	78,000 h (L 80 B 50) 100,000 h (L 70 B 50)

### Inrush current

Inrush current: 11.3 A / 112  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A:	34 luminaires
B 16 A:	55 luminaires
C 10 A:	57 luminaires
C 16 A:	92 luminaires

### Article No. 24 039

LED colour temperature optionally 3000K or 4000K  
 3000 K – Article number + **K3**  
 4000 K – Article number + **K4**

### Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).