

**BEGA****24 028**

Ceiling and wall luminaire



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  
BEGA Unidure® coating technology  
Colour white  
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>□</sup> with plug connection  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sphericalangle$  0/50-60 Hz  
DC 176-264 V  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK05  
Protection against mechanical impacts < 0.7 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 1.6 kg

### Lamp

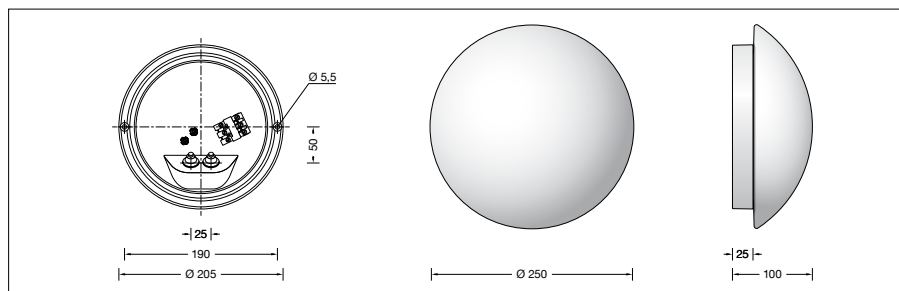
Module connected wattage 8 W  
Luminaire connected wattage 9.2 W  
Rated temperature  $t_a = 25\text{ °C}$   
Ambient temperature  $t_{a\text{ max}} = 50\text{ °C}$

### 24 028 K3

Module designation LED-0916/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 1180 lm  
Luminaire luminous flux 1040 lm  
Luminaire luminous efficiency 113 lm/W

### 24 028 K4

Module designation LED-0916/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 1180 lm  
Luminaire luminous flux 1040 lm  
Luminaire luminous efficiency 113 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$   
LED psu: > 50,000 h  
LED module: > 200,000 h (L80 B50)  
100,000 h (L90 B50)  
Ambient temperature  $t_{a\text{ max}} = 50\text{ °C}$  (100 %)  
LED psu: 50,000 h  
LED module: 78,000 h (L80 B50)  
100,000 h (L70 B50)

### Inrush current

Inrush current: 11 A / 112  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B 10A: 34 luminaires  
B 16A: 55 luminaires  
C 10A: 57 luminaires  
C 16A: 92 luminaires

### Article No. 24 028

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

### 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).

### Light distribution

