

**BEGA****12 131.3**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Ceiling and wall luminaire · indoor luminaire  
made of aluminium and hand-blown opal  
glass, satin matt.  
For a variety of lighting applications.

### Product description

Luminaire made of Aluminium,  
finish Polished aluminium  
Hand-blown opal glass,  
satin matt, with screw neck  
Silicone gasket  
2 cable entries for through-wiring for mains supply  
cable up to  $\varnothing$  10.5 mm max. 5 G 1.5<sup>□</sup>  
2 mounting holes  $\varnothing$  5.5 mm  
Distance apart 220 mm  
Connecting terminal 2.5<sup>□</sup>  
with plug connection  
Earth conductor connection  
2-pole connecting terminal for  
digital control  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 170-280 V  
DALI-controllable  
Number of DALI addresses: 1  
Basic insulation is provided between the mains  
and control cables  
BEGA Thermal Control®  
Temporary thermal regulation to protect  
temperature-sensitive components without  
switching off the luminaire  
Safety class I  
Protection class IP 64  
Dust-tight and protection against splash water  
Impact strength IK05  
Protection against mechanical  
impacts < 0.7 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 2.9 kg  
This product contains light sources of energy  
efficiency class(es) D

### Inrush current

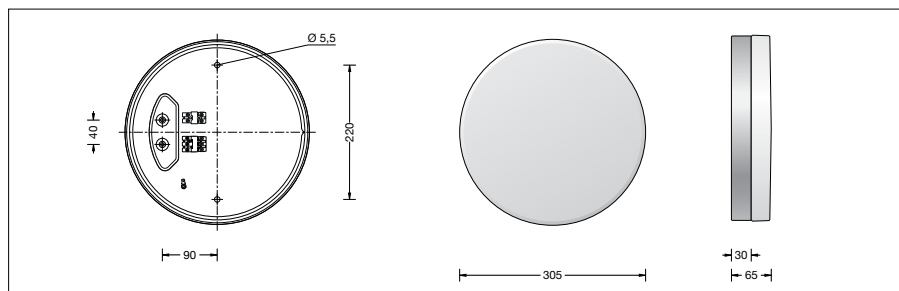
Inrush current: 5 A / 50  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 31 luminaires  
B16A: 50 luminaires  
C10A: 52 luminaires  
C16A: 85 luminaires

### Lamp

|                             |                      |
|-----------------------------|----------------------|
| Module connected wattage    | 19.3 W               |
| Luminaire connected wattage | 22.2 W               |
| Rated temperature           | $t_a = 25$ °C        |
| Ambient temperature         | $t_{a \max} = 40$ °C |

### 12 131.3 K3

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0832/930 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 90     |
| Module luminous flux          | 3165 lm      |
| Luminaire luminous flux       | 1939 lm      |
| Luminaire luminous efficiency | 87,3 lm/W    |



### Service life · Ambient temperature

|                                 |                      |
|---------------------------------|----------------------|
| Rated temperature $t_a = 25$ °C |                      |
| LED psu:                        | > 50,000 h           |
| LED module:                     | 192,000 h (L.80 B50) |
|                                 | 50,000 h (L.90 B50)  |

|  |                     |
|--|---------------------|
| Ambient temperature max. $t_a = 40$ °C (100 %) |                     |
| LED psu:                                       | 50,000 h            |
| LED module:                                    | 76,000 h (L.80 B50) |

### 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).

### Article No. 12 131.3

|                      |                |
|----------------------|----------------|
| Optional finishes    |                |
| • White              | code number .1 |
| • Stainless steel    | code number .2 |
| • Polished aluminium | code number .3 |