

**BEGA****50 018**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Ceiling and wall luminaire · indoor luminaire made of hand-blown opal glass and metal housing, for all lighting tasks. They are ideal for places where a soft and uniform lighting distribution is required.

### Product description

Metal housing,  
finish white enamel  
Hand-blown opal glass, satin matt,  
with bayonet closure  
2 mounting holes  $\varnothing$  6 mm  
Distance apart 340 mm  
2 cable entries for through-wiring for mains  
cable up to  $\varnothing$  10,5 mm max. 5 x 1.5<sup>□</sup>  
Connection terminal 2.5<sup>□</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DALI controllable  
A basic isolation exists between power cable  
and control line  
Safety class I  
 – Safety mark  
**CE** – Conformity mark  
Weight: 4.2 kg

### Lamp

|                             |                     |
|-----------------------------|---------------------|
| Module connected wattage    | 43.5 W              |
| Luminaire connected wattage | 48 W                |
| Rated temperature           | $t_a = 25$ °C       |
| Ambient temperature         | $t_{a,max} = 40$ °C |

### 50 018 K3

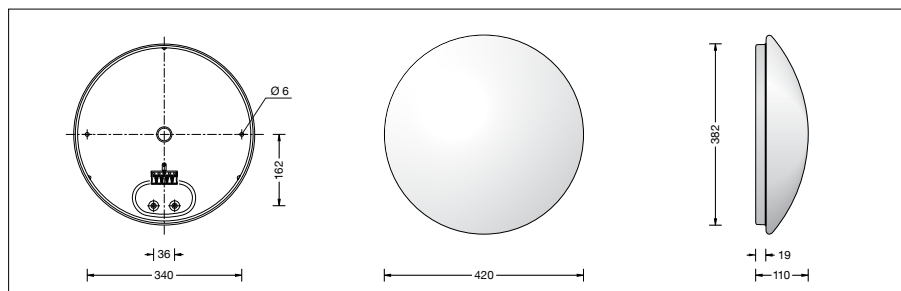
|                               |          |
|-------------------------------|----------|
| Colour temperature            | 3000 K   |
| Colour rendering index        | CRI > 90 |
| Module luminous flux          | 5505 lm  |
| Luminaire luminous flux       | 3168 lm  |
| Luminaire luminous efficiency | 66 lm/W  |

### 50 018 K2

|                               |           |
|-------------------------------|-----------|
| Colour temperature            | 2700 K    |
| Colour rendering index        | CRI > 90  |
| Module luminous flux          | 5465 lm   |
| Luminaire luminous flux       | 3144 lm   |
| Luminaire luminous efficiency | 65,5 lm/W |

### 50 018 K4

|                               |           |
|-------------------------------|-----------|
| Colour temperature            | 4000 K    |
| Colour rendering index        | CRI > 90  |
| Module luminous flux          | 5705 lm   |
| Luminaire luminous flux       | 3283 lm   |
| Luminaire luminous efficiency | 68,4 lm/W |



### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
– at 120,000h: L70B50  
max. ambient temperature  $t_a = 40$  °C  
– at 53,000h: L70B50

### Inrush current

Inrush current: 20 A / 400  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 9 luminaires  
B16A: 15 luminaires  
C10A: 16 luminaires  
C16A: 25 luminaires

### Article No. 50 018

LED colour temperature optionally 2700 K,  
3000 K or 4000 K  
2700 K – Article number + **K2**  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**

If the article number is followed by a **P**, we can  
also supply these luminaires in impact-resistant  
synthetic material.

### Accessory · Trim rings

For this luminaire metal trim rings in 3 enamel  
surfaces are optional available.  
Trim rings are accessories and must be ordered  
separately.

| Item                               | Part. No      |
|------------------------------------|---------------|
| Finish enamel <b>white</b>         | <b>13 007</b> |
| Finish enamel <b>palladium</b>     | <b>13 008</b> |
| Finish enamel <b>glossy silver</b> | <b>13 009</b> |