# BEGA

# 51 238

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. Luminaire with motion sensor.

### Product description
Metal housing, finish Colour white
Hand-blown opal glass, satin matt, with bayonet closure
Integrated HF-motion sensor, maximum range 10 m
2 mounting holes ø 5.5 mm
Distance apart 230 mm
2 cable entries for through-wiring for mains cable up to ø 10.5 mm max. 3 × 1.5$^\square$
Connection terminal 2.5$^\square$
Earth conductor connection
LED power supply unit
230 V $\sim$ 50 Hz
BEGA Thermal Control®
Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
Safety class I
$C\epsilon$ – Conformity mark
Weight: 3.5 kg
This product contains light sources of energy efficiency class(es) D, E

### Inrush current
Inrush current: 24.7 A / 268 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 11 luminaires
B 16 A: 17 luminaires
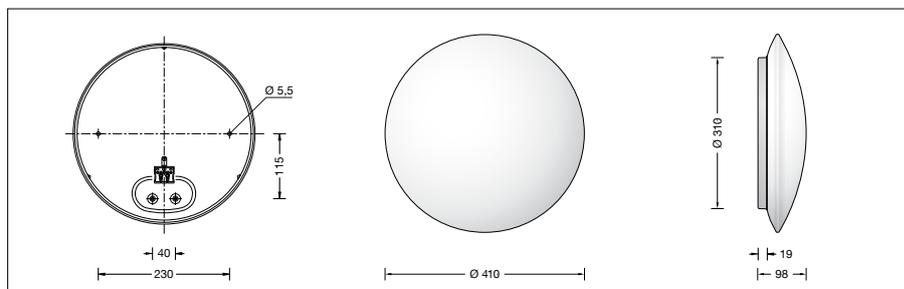C 10 A: 18 luminaires
C 16 A: 28 luminaires

### Lamp
| | |
|---|---|
| Module connected wattage | 26.4 W |
| Luminaire connected wattage | 31 W |
| Rated temperature | $t_a = 25\ °C$ |
| Ambient temperature | $t_{a\ max} = 40\ °C$ |

### 51 238 K27
| | |
|---|---|
| Colour temperature | 2700 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 3845 lm |
| Luminaire luminous flux | 2926 lm |
| Luminaire luminous efficiency | 94,4 lm / W |

### 51 238 K3
| | |
|---|---|
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 3970 lm |
| Luminaire luminous flux | 3021 lm |
| Luminaire luminous efficiency | 97,5 lm / W |



### Service life · Ambient temperature
Rated temperature $t_a = 25\ °C$
| | |
|---|---|
| LED psu: | > 50,000 h |
| LED module: | 200,000 h (L 80 B 50) |
| | 50,000 h (L 90 B 50) |

Ambient temperature max. $t_a = 40\ °C$ (100 %)
| | |
|---|---|
| LED psu: | 50,000 h |
| LED module: | 140,000 h (L 80 B 50) |
| | 50,000 h (L 90 B 50) |

### Article No. 51 238
Colour temperature 2700 K.
Also available with 3000 K on request.
2700 K – article number + **K27**
3000 K – article number + **K3**