

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 Colour white
 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 1.5²
 Connection terminal 2.5²
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 During DC operation the LED power is reduced to 15 %
 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
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Weight: 4.2 kg
 This product contains light sources of energy efficiency class(es) D

Inrush current

Inrush current: 28 A / 165 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 13 luminaires
 B 16A: 22 luminaires
 C 10A: 21 luminaires
 C 16A: 36 luminaires

Lamp

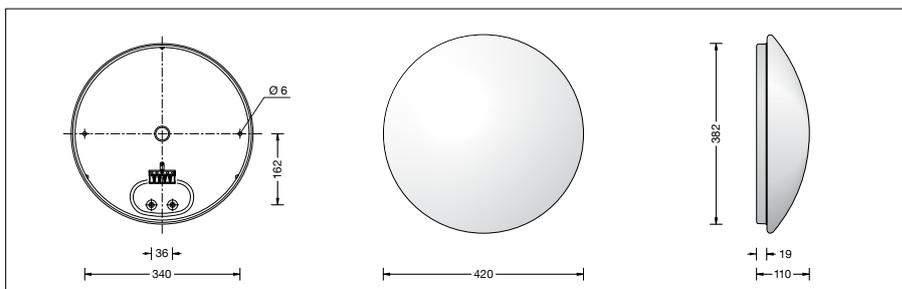
Module connected wattage 42.6 W
 Luminaire connected wattage 47.4 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 40$ °C

50 018 K27

Colour temperature 2700 K
 Colour rendering index CRI > 90
 Module luminous flux 6225 lm
 Luminaire luminous flux 3581 lm
 Luminaire luminous efficiency 75,5 lm/W

50 018 K3

Colour temperature 3000 K
 Colour rendering index CRI > 90
 Module luminous flux 6435 lm
 Luminaire luminous flux 3703 lm
 Luminaire luminous efficiency 78,1 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: 180,000 h (L 80 B 50)
 50,000 h (L 90 B 50)

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
Colour white	13 007
Colour palladium	13 008
Colour glossy silver	13 009

Article No. 50 018

Colour temperature 2700 K.
 Also available with 3000 K on request.
 2700 K – article number + **K27**
 3000 K – article number + **K3**

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