

BEGA**50 735**

Ceiling and wall luminaire for indoor use

Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire with emergency lighting according to DIN EN 60598-2-22 and DIN VDE 0108-100 for safety lighting facilities. With integral accumulator for 3 hours emergency operation in case of mains failure.

Product description

Metal housing, finish Colour white
Hand-blown opal glass, satin matt, with bayonet closure
2 mounting holes \varnothing 5.5 mm
Distance apart 230 mm
2 cable entries for through-wiring for mains cable up to \varnothing 10.5 mm max. 4×1.5^2
Connection terminal 2.5^2
Earth conductor connection
Emergency lighting module with self test facility
220-240 V \sim 50/60 Hz
NiMH accumulator for 3 hours emergency operation at $5^\circ \dots +25^\circ \text{C}$
LED power supply unit
220-240 V \sim 50/60 Hz
Safety class I
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
CE – Conformity mark
Weight: 3.1 kg
This product contains light sources of energy efficiency class(es) D, E

Inrush current

Inrush current: 5 A / 50 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 31 luminaires
B 16 A: 50 luminaires
C 10 A: 52 luminaires
C 16 A: 85 luminaires

Lamp

Module connected wattage 16.4 W
Luminaire connected wattage 21 W
Rated temperature $t_a = 25^\circ \text{C}$
Ambient temperature $t_{a \text{ max}} = 25^\circ \text{C}$

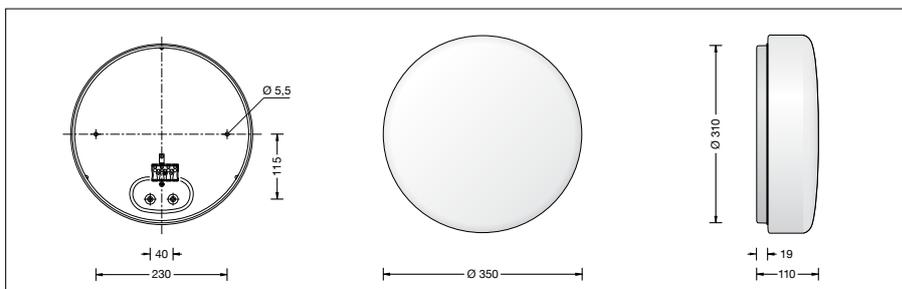
50 735 K27

Colour temperature 2700 K
Colour rendering index CRI > 90
Module luminous flux 2335 lm
Luminaire luminous flux 1423 lm
Luminaire luminous efficiency 67,8 lm/W

50 735 K3

Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 2415 lm
Luminaire luminous flux 1473 lm
Luminaire luminous efficiency 70,1 lm/W

With emergency lighting, a luminous flux of 339 lm is achieved.

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ \text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 25^\circ \text{C}$ (100 %)
LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
50,000 h (L 90 B 50)

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.

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.

Colour **white** 13 004
Colour **palladium** 13 005
Colour **glossy silver** 13 006

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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.