

BEGA**50 736 P**

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 white enamel
Impact resistant synthetic diffuser, white,
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. $4 \times 1.5^{\square}$
Connection terminal 2.5^{\square}
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
CE – Conformity mark
Weight: 3.5 kg

Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page www.bega.com.

Lamp

Module connected wattage	28.1 W
Luminaire connected wattage	33.8 W
Rated temperature	$t_a = 25^{\circ} \text{C}$
Ambient temperature	$t_{a \text{ max}} = 25^{\circ} \text{C}$

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Module designation	LED-0630/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3685 lm
Luminaire luminous flux	3073 lm
Luminaire luminous efficiency	90,9 lm/W

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Module designation	LED-0630/927
Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	3655 lm
Luminaire luminous flux	3047 lm
Luminaire luminous efficiency	90,1 lm/W

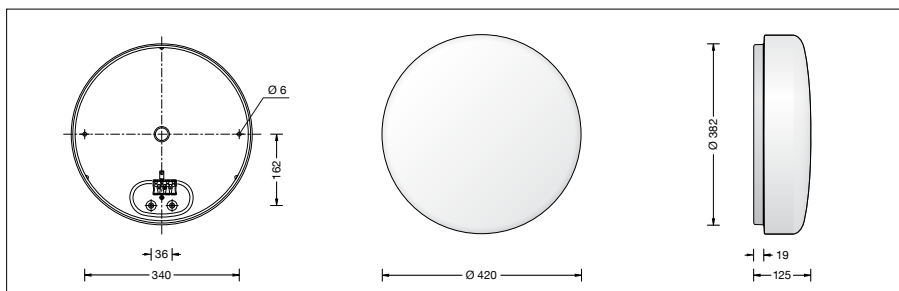
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Module designation	LED-0630/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3820 lm
Luminaire luminous flux	3185 lm
Luminaire luminous efficiency	94,2 lm/W

With emergency lighting, a luminous flux of 480 lm is achieved.

Service life of the LED

max. ambient temperature $t_a = 25^{\circ} \text{C}$
– at 369,000h: L70B50

**Testing**

This luminaire has a self-test function to comply with statutory requirements. This self-test is performed weekly (function test) and annually (operating period test).

The function test is performed once a week for 5 seconds and is controlled by the microprocessor. The initiation including date and time of this test is performed when the luminaire is commissioned. A complete operating period test is performed annually to check the battery power.

Inrush current

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

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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**

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 white	13 007
Finish enamel palladium	13 008
Finish enamel glossy silver	13 009