

BEGA**50 735 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 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 IK03
Protection against mechanical
impacts < 0.35 joule
CE – Conformity mark

Lamp

Module connected wattage	16.8 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25^\circ \text{C}$
Ambient temperature	$t_{a \text{ max}} = 25^\circ \text{C}$

50 735 P K3

Module designation	LED-0511/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2110 lm
Luminaire luminous flux	1874 lm
Luminaire luminous efficiency	93,7 lm/W

50 735 P K2

Module designation	LED-0511/927
Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	2095 lm
Luminaire luminous flux	1860 lm
Luminaire luminous efficiency	93 lm/W

50 735 P K4

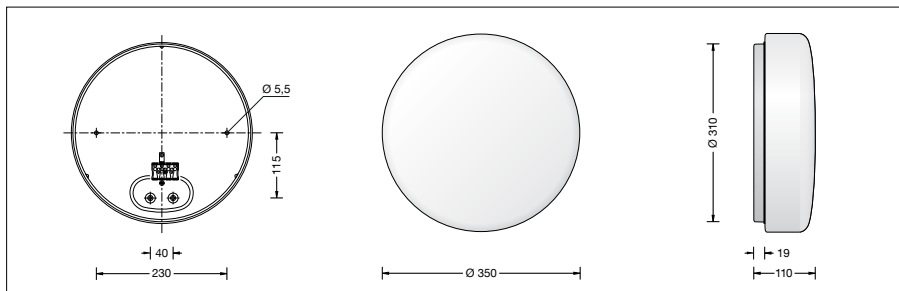
Module designation	LED-0511/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2185 lm
Luminaire luminous flux	1940 lm
Luminaire luminous efficiency	97 lm/W

Emergency operation 3 h

LED 4 W	
Luminaire luminous flux	393 lm

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.

**Service life of the LED**

max. ambient temperature $t_a = 25^\circ \text{C}$
– at 178,000h: 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.

Article No. 50 735 P

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 cover rings in 3 enamel surfaces are optional available. Trim rings are accessories and must be ordered separately.

Item	Part. No
Finish enamel white	13 004
Finish enamel palladium	13 005
Finish enamel glossy silver	13 006