

**BEGA****50 734**

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  
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.  $4 \times 1.5^2$   
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  
Weight: 4.0 kg

**Lamp**

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

**50 734 K3**

Module designation	LED-0630/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	3685 lm
Luminaire luminous flux	2031 lm
Luminaire luminous efficiency	60,1 lm/W

**50 734 K2**

Module designation	LED-0630/927
Colour temperature	2700 K
Colour rendering index	CRI > 90
Module luminous flux	3655 lm
Luminaire luminous flux	2014 lm
Luminaire luminous efficiency	59,6 lm/W

**50 734 K4**

Module designation	LED-0630/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	3820 lm
Luminaire luminous flux	2104 lm
Luminaire luminous efficiency	62,2 lm/W

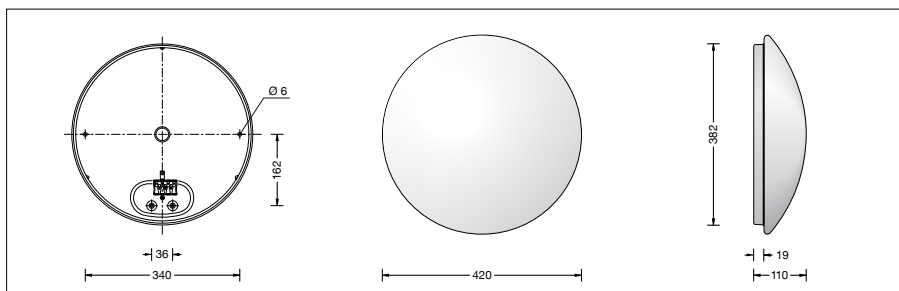
With emergency lighting, a luminous flux of 389 lm is achieved.

**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](http://www.bega.com).

**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  $\mu\text{s}$   
Maximum number of luminaires of this type per miniature circuit breaker:

B10A:	31 luminaires
B16A:	50 luminaires
C10A:	52 luminaires
C16A:	85 luminaires

**Article No. 50 734**

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**

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

**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 <b>white</b>	<b>13 007</b>
Finish enamel <b>palladium</b>	<b>13 008</b>
Finish enamel <b>glossy silver</b>	<b>13 009</b>