

SELF CONTAINED LED EMERGENCY
Model: EYE-3W



Self contained LED 1.5W emergency with non-maintained function. Designed in small size and round shape (Ø37mm) for recessed mounting. Great ease of installation. It incorporates the LiFePO4 battery inside the box, which achieves a very compact size. It has a green LED signaling integrated in the lamp.

Characteristics:

- Supply 230V~ 50/60Hz.
- Input current: 25.4mA (consumption 2.9W).
- Non maintained.
- Green LED signaling.
- Round LED lamp Ø37mm, white polycarbonate with false ceiling fixing spring.
- White 1.5W SMD LED SMD of LG, high luminosity.
- LED Working voltage: 3V
- Battery LiFePO4 3.2V-1500mAh (located inside the equipment).
- Autonomy: 1h or 3h depending on the model.
- Jumper for battery disconnection.
- Charging current: 0-200mA (floating).
- Battery charging 24 hours.
- Protection against overloading and end of battery discharge.
- Grade IP20.
- Class II device.
- Ambient temperature: 0°C ~ 55°C
- Recessed mounting.
- Weight: 120gr.
- Manufactured in according to standards: UNE-EN 60598-2-22/ UNE-EN 61347-2-7/ UNE-EN 61347-2-13

MODEL	TYPE OF LENS	Lumens	Autonomy	LED current
EYE-3W-O	Lens for open area	150Lm	3 h	400mA
EYE-3W-C	Lens for corridor area (evacuation route)	150Lm	3 h	400mA
EYE-3W-O2	Lens for open area	200Lm	1 h	500mA
EYE-3W-C2	Lens for corridor area (evacuation route)	200Lm	1 h	500mA

Working:

Power presence: The device charges permanently the battery and the two coloured LED of signaling is in green colour. The White LED of the equipment remains off.

Power failure: In case of power failure or low voltage, the luminary enters in emergency mode. The Green LED signaling goes off and the White LED of the device lights up and starts feeding from the battery.

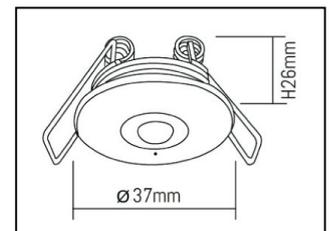
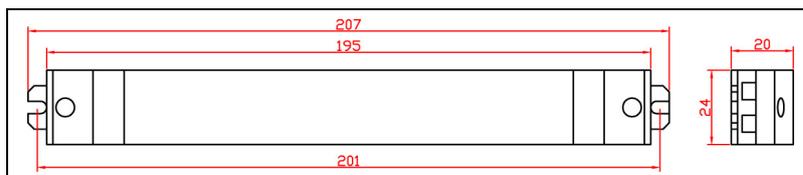
Installation:

- 1.- Remove the mains voltage from the 230V installation. Always work without mains voltage.
- 2.- Make a hole in the ceiling Ø32mm.
- 3.- Connect the installation network cable to terminals L, N (230VAC) of the equipment.
- 4.- Insert the jumper to connect the internal battery of the equipment. With the jumper removed the battery is disconnected.
- 5.- Insert the equipment first through the hole in the false ceiling and then the lamp that is attached to the springs it has incorporated.
- 6.- Give mains voltage to the installation and verify that the green signaling LED turns on. The device will not have full autonomy until 24 hours of charging.

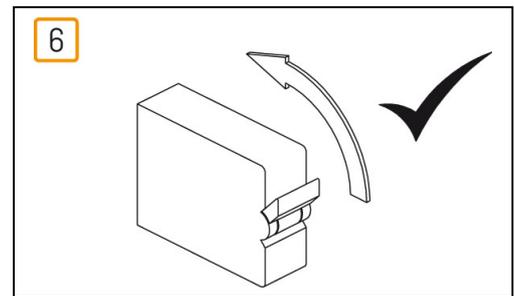
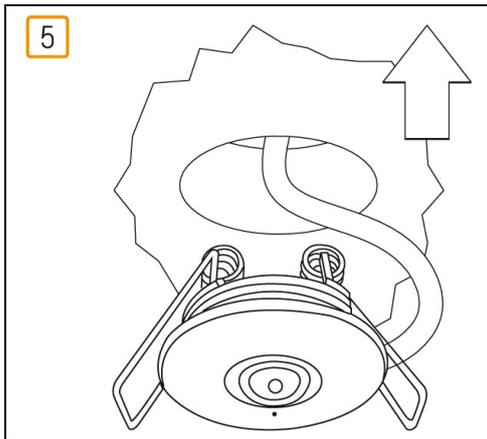
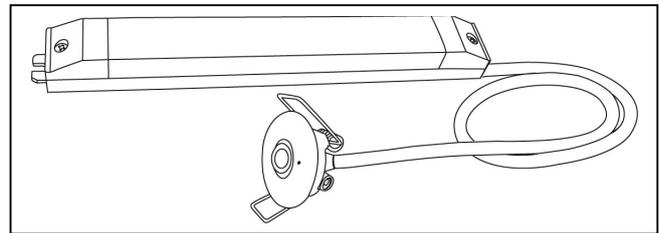
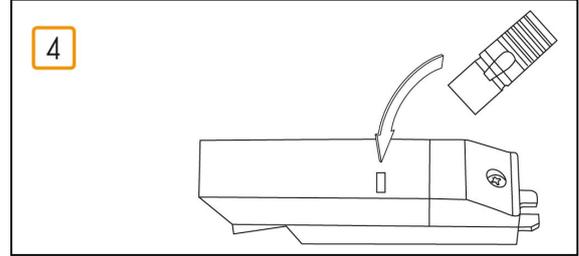
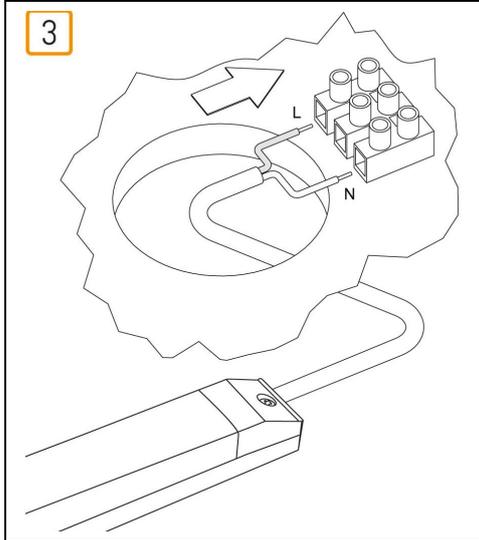
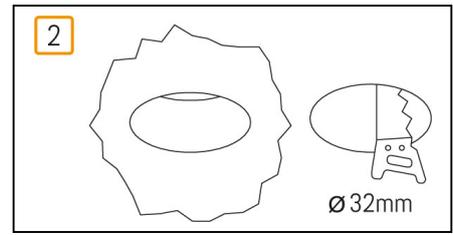
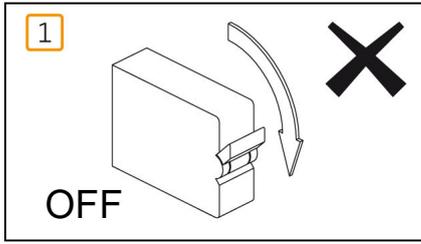
Maintenance:

The manipulation and the installation of the device should be done by qualified technicians. Always verify that the voltage of the mains is adequate to the input voltage of the device. Before installation make sure the mains is off. The battery LiFePO4 must be replaced when the equipment's autonomy time is less than 1 hour or 3 hours, depending on the model. It is convenient to write down the date of the change. The old battery should be recycled in a proper way, as it can be harmful for the environment.

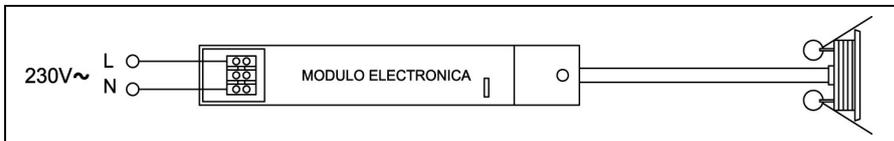
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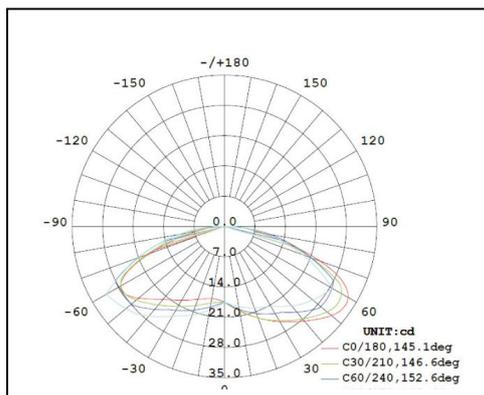
Installation:



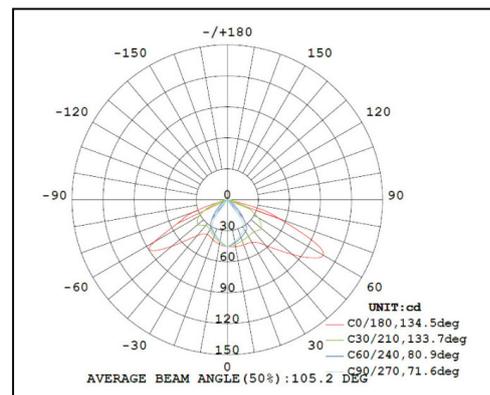
Connection:



Photometric curves:



EYE-3W-O



EYE-3W-C