TRQ EMERGENCY — Lighting Technologies TRQ, S. L. U.

SELF CONTAINED LED EMERGENCY
Model: POLARIS

CE ☐ IP20

Self contained LED emergency, non-maintained with hight luminosity white LED. Designed in small size and round shape for recessed mounting. Great easy of installation. It has a green LED signaling and a test button integrated on the device.

Characteristics:
- Supply 230V~ 50/60Hz.
- Input current: 10,5mA.
- Input power: 1,9W (with discharged battery).
- Non maintained.
- Green LED signaling main and charging battery.
- White SMD LED, high luminosity.
- Colour temperature 6000K.
- Battery charging 24 hours.
- Protection against overloading and end of battery discharge.
- Grade IP20.
- Class II device.
- Ambient temperature: 0-40°C.
- Recessed mounting.
- Weight: 290gr.
- CE marked as per standards 2006/95/CE and 2004/108/CE of EMC.
- Manufactured in according to standard: UNE-EN 60598-2-22.

Model	Emergency lamp E	Battery Ni-Cd	Autonomy	ϕ Luminous flux Lumens
PL-100	LED SMD 1W	2.4V 900mAh	>1 hour	90
PL-150	LED SMD 2W	2.4V 1500mAh	>1 hour	150

Working:
Power presence: The device charges permanently the battery and the green LED signaling is on. The white LED of the device 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.

Verification test:
Pressing the Test button in the presence of a network switches to the emergency state by turning on the white LED of the device and the green LED indicator goes off. When you release the button, you exit the emergency state and return to normal operation with the network, the green LED indicator lights up.

Installation:
- See installation graphic.
- Always work without mains voltage.
- Make a hole in the ceiling of 82mm.
- Remove the network cable from the installation through the hole and connect it to the device according to the connection graphic.
- Insert the device into the hole of the false ceiling with the springs facing up. Then the springs are in position to hold the device as seen in the graph.
- 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.
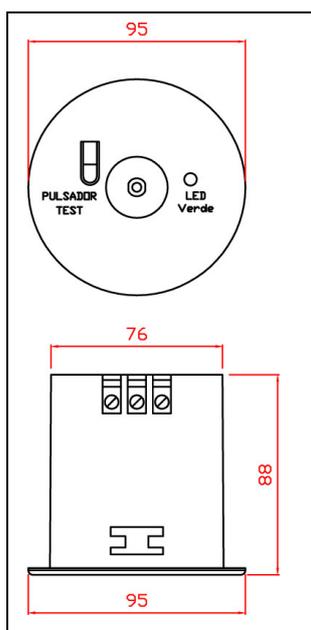
Maintenance:
The manipulation and the installation of the device should be done by qualified technicians. Always verify that the voltage of the mains is adequate to the input voltage of the device. Before installation make sure the mains is off.
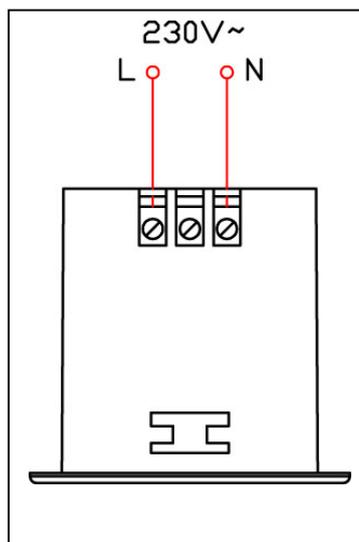The battery Ni-Cd must be replaced when the equipment's autonomy time is less than 1 hour. It is convenient to write down the date of the change.
The battery should be recycled in a proper way, as it can be harmful for the environment.

Dimensions:

95

PULSADOR
TEST

LED
Verde

76

88

95

Connection:

230V~

L   N

Installation:

Ø82