

**SELF CONTAINED EMERGENCY LUMINARY
SERIE ORION LED**



Characteristics:

- Supply 230V~ 50/60Hz.
- Maintained.
- Verification TEST via TELEMANDO (ref: TM).
- Stand by and re-start via TELEMANDO (ref: TM).
- T5 LED tube (G5) (High luminosity diffused and uniform light, working life > 30,000 hours)
- Colour temperature 6000-7000K
- Green LED indicating, the battery re-charging.
- Autonomy superior than 1& 3 hours as per models.
- Grade IP65 IK07.
- Connection via Ø6 mm cable and inputs for Ø16 or Ø20 mm PVC pipe.
- Protection against the connection errors of TELEMANDO connector.
- Protection against overloading and end of battery discharge.
- Class II Luminary, should be installed in a way that no metal piece exposed is in electrical contact with either in electrical installation or Conductor of protection.

Norms Applied:

- CE as per directives **2006/95/EC** LVD and **2004/108/EC** of EMC.
- Manufactured according to norms EN 60598-2-22, EN 61347-2-13.
- Adapted to the instructions of the Low Voltage Electrotechnical Regulation.

Models	Emergency Lamp E	Battery Ni-Cd	Autonomy	φ Luminous Flux Lumen
EFS-100 LED	T5 LED tube 3,6W (G5)	6V 0.8Ah	1 hour	120
EFS-103 LED	T5 LED tube 3,6W (G5)	6V 0.8Ah	3 hours	120
EFS-150 LED	T5 LED tube 3,6W (G5)	6V 0.8Ah	1 hour	158
EFS-350 LED	T5 LED tube 3,6W (G5)	6V 0.8Ah	1 hour	226
EFS-400 LED	T5 LED tube 3,6W (G5)	6V 0.8Ah	1 hour	304
EFS-153 LED	T5 LED tube 3,6W (G5)	6V 1.5Ah	3 hours	158
EFS-353 LED	T5 LED tube 3,6W (G5)	6V 1.5Ah	3 hours	187

Installation:

- Install and connect the luminary to the main supply.
- Check that the Green LED charge indicator lights.
- The batteries are supplied discharged and they need 24 hours to be charged completely.

Maintenance:

- The batteries should be changed once their duration gets inferior to the assigned.
- The luminaries should be checked at least once a year (We recommend every 3months).
- The batteries and LED tube should be re-cycled in an adequate way.
- The LED tube should be mounted with the suitable polarity (+ -) marked on the reflector.
- Before doing any maintenance operation, please make sure that the Main supply is switch OFF and the luminary is in Stan by position.

IMPORTANT: In operation, do not disconnect the LED LAMP because the electronic will get blocked and the lamp will not work. To make reset disconnect the luminary to the main power and then, the battery. Wait a few seconds and connect the battery first and then the main power.

Verification TEST:

Verification test is possible with the following accessories:

Telemando TM: By pressing the button Test ON, the Luminary starts working on Emergency Mode in the presence of supply.

Stand by position:

Connect the TELEMANDO TM as indicate in the connection diagram

- In Emergency stage it is possible to Switch OFF the luminary to save the battery power by pressing OFF.
- By pressing ON the luminary starts working again.

Connection Diagram:

- MAINTAINED.** LED tube always ON.
- MAINTAINED** with possibility to switch ON/OFF the LED tube by switch in L1.



