

**SELF CONTAINED EMERGENCY LUMINARY  
SERIE URANO**



**Characteristics:**

- Supply 230V~ 50/60Hz.
- Maintained/Non maintained.
- Self-test.
- Two colour LED (green – red) signaling.
- Green LED indicates main presence and correct operation of the device.
- Red LED indicates failure (LED lamp or battery).
- Intelligent automatic battery charge control.
- Battery recharge time: 24 hours.
- Maximum battery charge protection circuit.
- LED tube T8 (high luminosity, diffuse and uniform light, working life > 30000 hours).
- Colour temperature 6000-6500K.
- Grade IP65 IK06.
- Hose connection through stuffing box.
- Protection against overloading and end of battery discharge.
- CE marked as per norms 2014/35/UE and 2014/30/UE of EMC.
- Manufactured according norm EN 60598-2-22.

Model	Emergency lamp E	Battery Li-ion	Autonomy	φ Lumens
URANO UL-1000	1xLED tube T8 10W 60cm	7,4V – 2.2Ah	>1 hour	900
URANO UL-2000	2xLED tube T8 10W 60cm	11,1V - 4.4Ah	>1 hour	1283
URANO UL-3000	1xLED tube T8 20W 120cm	11,1V - 4.4Ah	>1 hour	1800
URANO UL-4000	1xLED tube T8 24W 150cm	11,1V - 4.4Ah	>1 hour	2400
URANO UL-6000	2xLED tube T8 20W 120cm	11,1V - 6,6Ah	>1 hour	2900
URANO UL-8000	2xLED tube T8 24W 150cm	11,1V - 6,6Ah	>1 hour	3628

**Installation:**

Follow the installation steps on the back of the sheet.  
Work with the mains voltage disconnected.

- 1.- Insert the closing clips in the base of the luminaire.
- 2.- Mark and drill the screen's anchor holes using the drawn in the packing box.
- 3.- Screw the metal fixing clips with 2 screws.
- 4.- Insert the screen base into the metal fixing clips by pressing on them.
- 5.- **Connect the battery** following the polarity marked on the device (pay attention: red (+), black (-)).
- 6.- Connect the network cables to the terminal strip following the connection diagram on the back of the sheet.

**N:** Neutral  
Earth wire

**L:** Permanent emergency line for continuous battery charging. When this phase fails, the equipment goes into emergency.

**Lin:** Line carrying the ON / OFF switch of the luminaire, by is switched ON or OFF LED tubes in normal operation. It has to be the same phase as L but through the switch.

- 7.- Insert the reflector into the plastic anchors on the base.
- 8.- Place the LED tubes in the lamp holders, observing that the input side of the tube (230V) coincides with the lamp holder that has the label "INPUT SIDE" and 2 green dots.
- 9.- Place the diffuser glass and close the clips to leave the luminaire closed.
- 10.- Give mains voltage to the luminaire and verify that the green LED for mains and battery charge lights up. The equipment will not have its full autonomy until 24 hours, since the batteries are supplied discharged.

**Maintenance:**

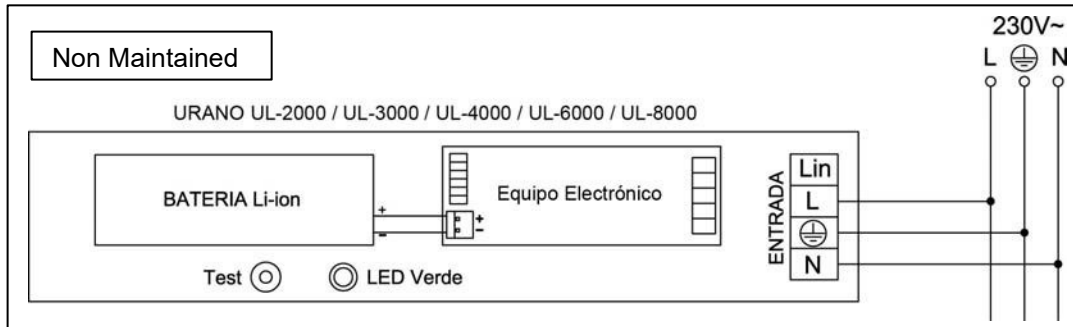
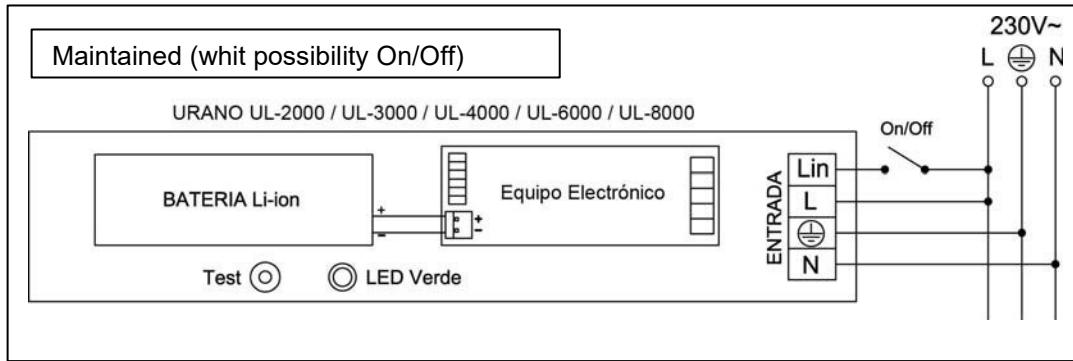
- The battery must be replaced when the kit provides a lower autonomy than assigned and note the installation date. In normal use it is advisable to change the battery at 2 years.
- The Luminaries should be checked at least once a year.
- The Batteries and LED tubes should be re-cycled or eliminated in an adequate way.
- Before doing any maintenance make sure the mains is OFF and the battery is disconnected.
- **IMPORTANT:** In case of replacing the LED tube, it must be mounted with the supply side of the tube in the part of the screen indicated with the label "Inlet Side" and 2 green dots.

**Self-test:**

Once installed, the device performs an automatic test once a month, entering in emergency mode for 1 minute.

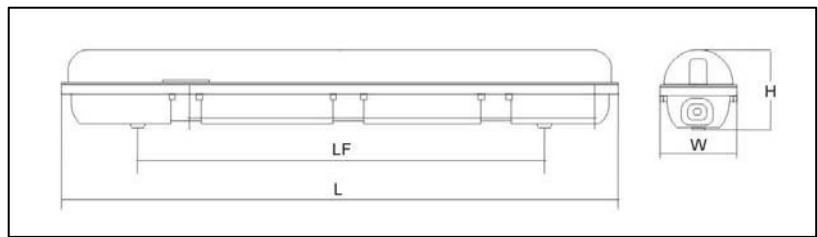
Once a year (after 11 months of installation), the device performs a test of the complete discharge of the battery and check that the autonomy is correct.

**Connection diagram:**



**Size:**

Model	Dimensions (mm)			
	L	W	H	LF
UL-2000	655	113	86	440
UL-3000	1265	75	86	900
UL-4000	1565	75	86	980
UL-6000	1265	113	86	900
UL-8000	1565	113	86	980



**Installation:**

