

## " WEATHER LIGHT " SERIES FOR NON-MAINTAINED EMERGENCY LUMINAIRES



TECHNICAL CHARACTERISTICS	GR-935/15L	GR-935/30L	GR-936/15L	GR-936/30L
OPERATION VOLTAGE	220-240V AC/50-60Hz			
MAXIMUM POWER CONSUMPTION	2.5W / 3VA			3.6W / 4.3VA
BATTERIES (Ni-Cd)	3.6V/0.6Ah	3.6V/1.5Ah		3.6V/3Ah
BATTERY PROTECTION	From overcharge and full discharge			
INDICATIONS - CONTROLS	Charge indication LED, TEST button			
CHARGING TIME	24h			
MINIMUM AUTONOMOUS DURATION	90 min		180 min	
ILLUMINATION SOURCE	15 white LED's	30 white LED's	15 white LED's	30 white LED's
EMERGENCY ILLUMINATION	105lm	210lm	105lm	210lm
DEGREES OF COVER PROTECTION	IP 65			
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3			
OPERATION TEMPERATURE RANGE	0 to 40 °C			
RELATIVE HUMIDITY	Up to 95%			
CONSTRUCTION MATERIALS	Bayblent FR3010, transparent polycarbonate			
EXTERNAL DIMENSIONS	363 x 145 x 73 mm			
TYPICAL WEIGHT	830gr.	905gr.		1000gr.
GUARANTEE	3 years (1 year for the battery)			

Thank you for purchasing this product of Olympia Electronics. A European manufacturer.

### GENERAL

These luminaires are used in places where emergency luminaires are needed.

Each luminaire must be permanently connected to mains power supply. In normal operation the battery is charging and the 2 yellow LED's light in the screen (see step 4 on page 2). In case of a mains power supply failure the luminaire will light the led strip automatically in emergency mode. When the mains power supply is restored the device turns to normal operation.

### ATTENTION!!!

1. Operations for installation, maintainance or testing must be done by authorized personel only.

2. The device must be connected to the mains power supply thru a fuse dependent by the total amount of the line's power load.

3. It is sugested to check every month the indication LED for battery charging, and by pushing the TEST button (see the paragraph 9 on page 2), to check the emergency cirquit. The lamp should light as long as the TEST button is pressed. In the opposite condition contact the installer.

4. It is sugested to check every 6 months the minimum autononous duration by disconnecting

the mains power supply. Count the time that the led strip lights and in case of less time than the minimum autonomous duration the battery must be replaced. If the measured time is considerably less than the minimum autonomous duration contact the installer. The replacement of the battery and the light source must be done using parts of the same type, by the manufacturer or by a competent person.

5. In case of inactive use for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.

6. **It is not allowed to discard batteries in to common trash bins, they must be discarded only in battery recycling points. Do not incinerate.**



### INSTALLATION

To install the luminaire follow the installation instructions on page 2.

**NOTE:** LED= Light Emitting Diode

### LABELING EXPLANATION:

**X:** Self contained

**0:** Non Maintained

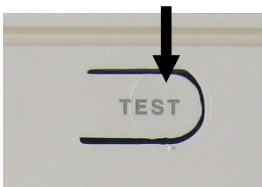
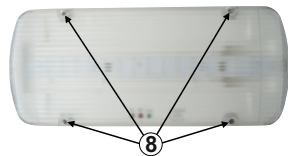
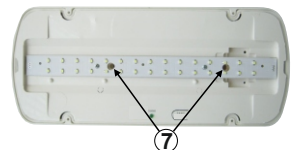
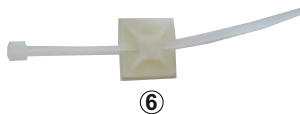
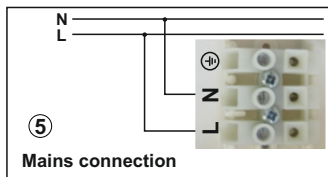
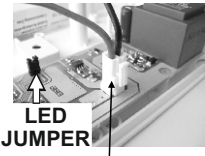
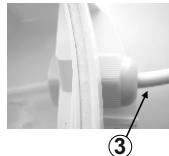
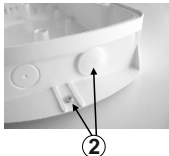
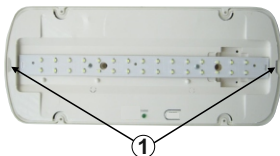
**A:** Including test device

**\*90:** 90min duration

**180:** 180min duration

## **INSTALLATION INSTRUCTIONS**

- ① Remove the diffuser. Place simultaneously 2 flat blade screwdrivers and pull up gently the reflector.
- ② Install the included plastic cover in to the unused hole and install the base plastic (with the included mounting screws and plugs).
- ③ **Always use in any case round mains cable, with external diameter of 6-9mm (H05RN-F type 2x1mm<sup>2</sup> or any other type, at least equal to it's mechanical and electrical properties).**  
**ATTENTION!! The cable must not be deformed in any way (This requirement is important to ensure the tightness isolation IP 65).** Install the cable gland, pass the round cable thru and tighten it all the way.
- ④ Place the battery's connector to the corresponding connector on the P.C.B. **NOTE!! If you don't need the yellow led's to light in normal operation, then remove the led jumper.**
- ⑤ Connect the mains as shown in figure (connect the ground wire if required).
- ⑥ Install the included tie (if needed) to fasten securely the power cables.
- ⑦ Refit the reflector and fasten the two small screws (included).
- ⑧ Finally place the diffuser by using the 4 included screws (tightening torque 1.2Nm).



### **TEST procedure with extra care!!**

- ⑨ Unfasten the mounting screws (step 8) and remove the diffuser. When the luminaire is supplied by the mains, press on the marking for TEST as shown in the picture below. Mount the diffuser by using the 4 removed screws.

**NOTE!! After finishing the installation you must power the luminaire at least for 24 hours for battery charging to perform the named autonomy.**

### **Battery replacement**

1. Unfasten the 4 retaining screws (step 8 of the installation instructions) and remove the diffuser.
2. Unfasten the 2 retaining screws step 7 of the installation instructions and remove the reflector.
3. Remove the old battery and place a new one of the same type and characteristics.
4. Replace the removed parts (previous steps 1,2).