

" WEATHER LEDs LIGHT " SERIES FOR NON-MAINTAINED LUMINAIRES



TECHNICAL CHARACTERISTICS	GR-935/4P	GR-935/6P
OPERATION VOLTAGE	220-240V AC/50-60Hz	
MAXIMUM POWER CONSUMPTION	4 VA	5 VA
BATTERIES (Ni-Cd)	4.8V/1.5Ah	4.8V/3Ah
BATTERY PROTECTION	From overcharge and full discharge	
INDICATIONS - CONTROLS	Charge indication LED, TEST button	
CHARGING TIME	24h	
MINIMUM AUTONOMOUS DURATION	90min	
ILLUMINATION SOURCE	4 power LED's	6 power LED's
EMERGENCY ILLUMINATION	250lm	400lm
DEGREES OF COVER PROTECTION	IP 65	
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22	
OPERATION TEMPERATURE RANGE	0 to 40 °C	
RELATIVE HUMIDITY	Up to 95%	
CONSTRUCTION MATERIALS	Bayblent FR3010, transparent polycarbonate	
EXTERNAL DIMENSIONS	355 x 145 x 73 mm	
TYPICAL WEIGHT	900gr.	980gr.
GUARANTEE	3 years (1 year for the battery)	

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 led strip lights and the battery is charging. 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, maintenance or testing must be done by authorized personnel 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 suggested to check every 6 months the minimum autonomous 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. In case of battery or led strip replacement, these must be replaced by parts of the same type.

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

5. 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 in page 2.

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

X: Self contained

0: Non Maintained

***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 base plastic (with the included mounting screws and plugs) after opening the hole for the cable gland.
- 3 Instal the cable gland and pass the round cable thru.
- 4 Place the battery's connector to the corresponding connector on the P.C.B.
- 5 Connect the mains as shown in figure 1.
- 6 Install the waterproof gasket in the perimeter groove of the luminaire. Refit the reflector and fasten the two small screws (included).
- 7 Finally place the diffuser by using the 4 included screws (tightening torque 1.2Nm).

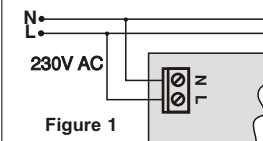
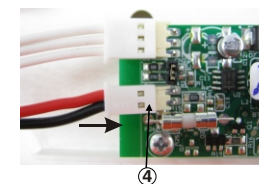
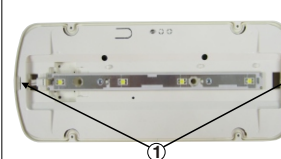


Figure 1

Mains connection

