

**"CLASSIC LIGHT" SERIES FOR NON MAINTAINED / MAINTAINED
EMERGENCY LUMINAIRES**



TECHNICAL CHARACTERISTICS (for LED MODULE Specifications see page 2)

	GR-108/12L/90	GR-109/12L/180
OPERATION VOLTAGE	220-240V AC/50-60Hz	
MAXIMUM POWER CONSUMPTION	2.5W / 3VA	3W / 3.5VA
BATTERIES (Ni-Cd)	3.6V/600mAh	3.6V/1Ah
BATTERY PROTECTION	From overcharge and deep discharge	
INDICATIONS - CONTROLS	Battery charging LED, TEST button	
CHARGING TIME	24 h	
MINIMUM AUTONOMOUS DURATION	90 min	3 hours
ILLUMINATION SOURCE	12 white LED's	
EMERGENCY ILLUMINATION	40lm / 100lm	38lm / 100lm
DEGREES OF COVER PROTECTION	IP20	
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	5 to 40 °C	
RELATIVE HUMIDITY	Up to 95%	
CONSTRUCTION MATERIALS	ABS/PC, PC	
EXTERNAL DIMENSIONS	262 x 100 x 69 mm	
TYPICAL WEIGHT	535gr	545gr
GUARANTEE	3 years (1 year for the battery)	

**Thank you for your trust in our products
Olympia Electronics - European manufacturer**

GENERAL

These luminaires are used indoors (ta 40°C) where emergency light is 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.

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.

**MAINTAINED / NON-MAINTAINED
OPERATION**

There is an option to select the maintained or non-maintained operation by placing the jumper to the appropriate place according to step 4 (page 2).

ATTENTION!!!

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

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

3. It is suggested to check every month the indication LED for battery charging, and by

pushing the TEST button to check the emergency circuit. The led strip should: a) light with bigger intensity as long as the TEST button is pressed (maintained operation), b) light as long as the TEST button is pressed (non-maintained operation). If the luminaire doesn't work as described above contact the installer.

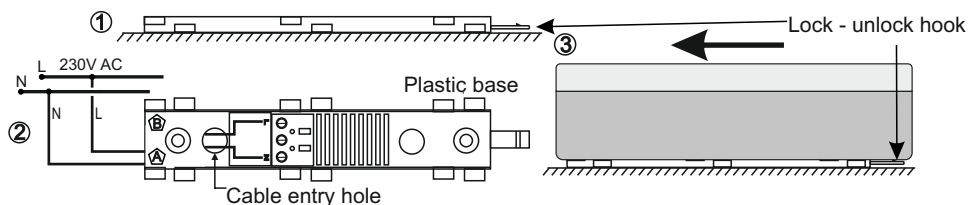
4. It is suggested to check every 6 months the minimum autonomous duration by disconnecting the mains power supply. Count the time that the led strip lights and in case of less time than the minimum autonomous duration the battery must be replaced. If the measured time is considerably less than the minimum autonomous duration contact the installer. In case of battery or led strip replacement, these must be replaced by parts of the same type, 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 into common trash bins, they must be discarded only in battery recycling points.
Do not incinerate.



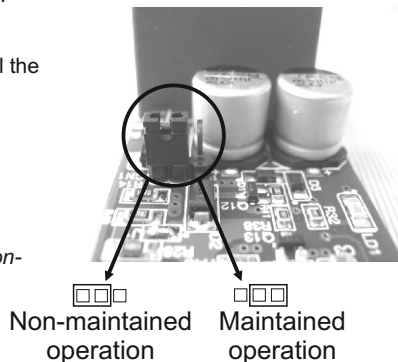
INSTALLATION INSTRUCTIONS



1. Detach the plastic base (located in the bottom of the luminaire) by pulling the unlock hook and pass the cables from area ① or ② and through the cable entry hole. The luminaire must be connected to a permanent electrical installation to ensure the immobilization of the cable. Mount the plastic base with the included mounting accessories.
2. Connect the mains cables to the respective detachable terminal block. **N for neutral, L for live wire.**
3. Attach the luminaire by sliding it on the plastic base until the plastic hook locks, and power the luminaire.

4. MAINTAINED/NON-MAINTAINED OPERATION JUMPER SELECTION

You can choose the luminaire's operation. When the jumper is installed (by default) in the middle and right pins *maintained operation is selected*. When the jumper is installed in the middle and left pins *non-maintained operation is selected*.



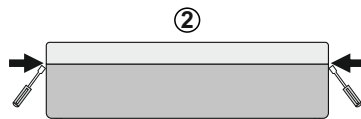
NOTE!!

After finishing the installation you must power the device at least for 24 ours for battery charging to perform the nominal autonomy.

Battery replacement

It can be done only by a competent person and after the mains interruption.

1. Detach the luminaire from its base (step 1 of the installation procedure).
2. Use a flat blade screwdriver to remove the diffuser.
3. Remove the reflector.
4. Disconnect the connector and remove the old battery.
5. Connect the new battery with the same type and place it in the position of the old one.
6. Replace the removed parts (step 1,2 and 3).



LED MODULE CHARACTERISTICS

	GR-108/12L/90	GR-109/12L/180
Manufacturer	Olympia Electronics S.A.	
Model Number	0111163	
Voltage Range	2.9-3.6VDC	
Nominal Power	780mW	
Connections	Cable connection between main pcb and led module	
Temperature (tc)	45 °C max. across the board	

NOTE: LED= Light Emitting Diode

LABELING EXPLANATION:

X: Self contained

1: Maintained (*)

A: Including test device

G: Internally illuminated safety sign

90: 1.5 hour duration

180: 3 hours duration

Note!! The installer should fill in, on the specification label, the letter **G** if the luminaire is used as a safety sign.

X	1	A	90
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G

(*) Maintained operation: The luminaire lights its illumination source, when it is powered by the mains power supply or not.

Non Maintained operation: The luminaire lights its illumination source, only in power supply's failure.



The light source contained in this luminaire shall only be replaced by the manufacturer, or his agent, or a similar qualified person.

NOTE! *The light source is non-user replaceable.*

WARRANTY

Olympia Electronics guarantees the quality, condition and operation of the goods. The period of warranty is specified in the official catalogue of Olympia Electronics and also in the technical leaflet, which accompanies each product. This warranty ceases to exist if the buyer does not follow the technical instructions included in official documents given by Olympia Electronics or if the buyer modifies the goods provided or has any repairs or re-setting done by a third party, unless Olympia Electronics has fully agreed to them in writing. Products that have been damaged can be returned to the premises of our company for repair or replacement, as long as the warranty period is valid.

Olympia Electronics reserves the right to repair or to replace the returned goods and to or not charge the buyer depending on the reason of defection. Olympia Electronics reserves the right to charge or not the buyer the transportation cost.

HEAD OFFICE

72nd km. O.N.R. Thessaloniki-Katerini

P.C. 60300 P.O. Box 06 Eginio Pierias Greece

www.olympia-electronics.gr

info@olympia-electronics.gr