

"CLASSIC LIGHT" SERIES FOR SELF-TESTING MAINTAINED EMERGENCY LUMINAIRES



TECHNICAL CHARACTERISTICS	GR-119/6L/42V
OPERATION VOLTAGE	35-45V AC
POWER CONSUMPTION	4.5VA
BATTERIES (Ni-Cd)	3.6V/1.5Ah
BATTERY PROTECTION	From overcharge and full discharge
INDICATIONS - CONTROLS	Charge, lamp fault, fault indication LED, TEST button
CHARGING TIME	24h
MINIMUM AUTONOMOUS DURATION	90min
ILLUMINATION SOURCE	6 power LED's
ILLUMINATION (MAINS / EMERGENCY)	150/300lm
DEGREES OF COVER PROTECTION	IP 20
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, 61547, EN 55015
OPERATION TEMPERATURE RANGE	0 to 40 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIALS	Bayblend FR3010, transparent polycarbonate
EXTERNAL DIMENSIONS	262 x 100 x 70 mm
TYPICAL WEIGHT	580gr.
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 indoors (ta 40°C) where emergency light is 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.

INSTALLATION

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

Battery Cut-off

The luminaire enters in this operation when the mains power supply fails and battery has lost its energy. During this operation the luminaire enters the idle state and battery consumption is negligible, in order to be protected from deep discharge.

Battery charging

The battery charging is completely controled. In this case, is achieved the perfect battery maintenance , as well as the elongation of its duration. When the battery has completely charged, it charges with a maintenance current.

Manual Test

The manual test can be conducted only if the main power supply and the battery is connected. By pressing the test button briefly an operation test is initiated. During this test period all indication LEDs are OFF.

Automatic test

This test includes all the operations that provide the manual test and is conducted automatically every 15 days. In order to be performed, the main power supply and the battery should be connected.

Automatic Autonomous Test

The Automatic autonomous Test is conducted and measures the luminaire's back up operation. This test is conducted automatically every six months. In order to be performed, the main power supply and the battery should be connected (the battery should be charged). If the battery is not charged, the test is postponed until the battery is completely charged. If during the Automatic Autonomous Test the luminaire's duration is lower than the named, then the battery must be replaced.

Back Up Operation

The autonomous duration of battery during emergency mode is at least the one that is stated in the list of the first page. During emergency mode, a LED strip test is also performed.

Resetting Errors

Push the Test button for 5 seconds, to extinguish all the indicated LED errors. Then the luminaire enters regular operation mode.

Indication LED status (with connected mains power supply).

AC Charge

On: Good charge current.
ff: No battery (No charging current or disconnected battery).

Lamp fault

n: faulty LED strip.
Off: Good LED strip.
Fault
ff: Battery OK.
Blink (With **AC Charge LED ON**): Autonomy or low battery problem
(the battery must be replaced).
Blink (With **AC Charge LED Off**):
 No charging current or disconnected battery.

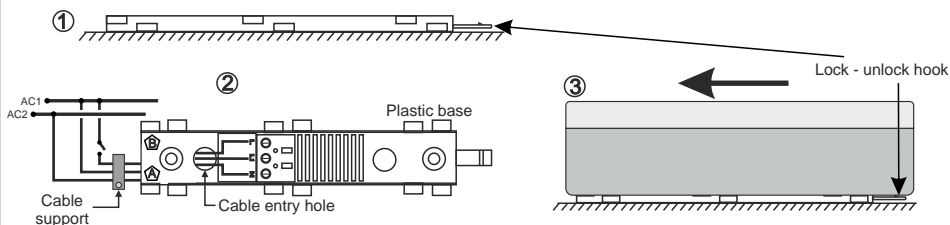
- In case of battery or lamp replacement, these must be replaced by parts of the same type, by the manufacturer or by a competent person.
- In case of inactive use for a period greater than 2 months, disconnect the battery by pulling out the battery's connector.
- It is not allowed to discard batteries in to common trash bins, they must be discarded only in battery recycling points. Do not incinerate.**

NOTE: LED= Light Emitting Diode
LABELING EXPLANATION:
X: Self contained
1: Maintained
A: Including test device
***90:** 90min duration

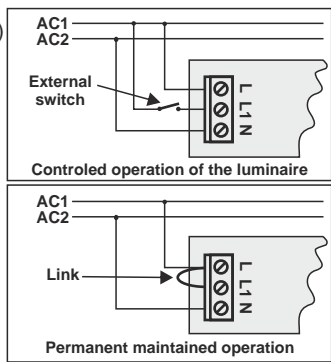
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- Operations for installation, maintenance or testing must be done by authorized personnel only.
- The device must be connected to the mains power supply thru a fuse dependent by the total amount of the line's power load.

Installation instructions



- Detach the plastic base (located in the bottom of the luminaire) by pulling the unlock hook and pass the cables from area or and through the cable entry hole. Secure it with a suitable bracket to ensure immobilization of the cable at a distance of no more than 5cm from the luminaire's cable entry. Mount the plastic base with the included mounting accessories.
- Connect the cables to the terminal blocks as showed in figure. AC1 for L, AC2 for and L1 for the maintained operation. The L1 wire can be connected to an external switch to control the maintained or non maintained operation of the luminaire. For permanent maintained operation use two wires to power the luminaire, AC1 for L, AC2 for and link the L and L1.
- Attach the luminaire by sliding it on the plastic base until the plastic hook locks, and power the luminaire.



Battery replacement

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

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

