

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



TECHNICAL CHARACTERISTICS	GR-119/6L/42V/KL
OPERATION VOLTAGE	38-44V AC
POWER CONSUMPTION	4,7W / 8,7VA
BATTERIES (Ni-Cd)	4,8V/1,5Ah
BATTERY PROTECTION	From overcharge and full discharge
INDICATIONS - CONTROLS	Charge, lamp fault, fault indication LED, TEST button
CHARGING TIME	24 hours
MINIMUM AUTONOMOUS DURATION	90 mins
ILLUMINATION SOURCE	6 Power LED
ILLUMINATION (42V AC / EMERGENCY)	205 (230V AC) / 340lm (Emergency)
DEGREES OF COVER PROTECTION	IP20
PRODUCED IN ACCORDANCE WITH	EN 60598-1, EN 60598-2-22, EN 61547, EN 55015
OPERATION TEMPERATURE RANGE	5 to 40 °C
RELATIVE HUMIDITY	Up to 95%
CONSTRUCTION MATERIALS	ABS/PC, PC
EXTERNAL DIMENSIONS	262 x 100 x 70 mm
TYPICAL WEIGHT	635gr.
GUARANTEE	3 years (1 year for the battery)

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GENERAL

These luminaires are suitable for installation in elevators and must be permanently connected to mains power supply (42V AC). 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 3.

BATTERY CHARGE FAILURE DUE TO SHORTCUT

The recharging device will recharge the battery normally after the short circuit is removed and the batterie(s) are reinstalled.

BATTERY CUTOFF

The unit enters this state during the power supply failure and when the battery has been fully discharged. In this state the luminaire draws the least power from the battery in order to prevent deep discharge.

MANUAL OPERATION 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 OPERATION TEST

This test includes all the operations that provide the manual operational 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 erase 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.

Off: No battery (No charging current or disconnected battery).

Lamp fault

On: faulty LED strip.

Off: Good LED strip.

Fault

Off: 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.

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. 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.

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 into 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

G: Internally illuminated

***90:** 1.5 hour duration

(*) **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.

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 G * 9 0

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

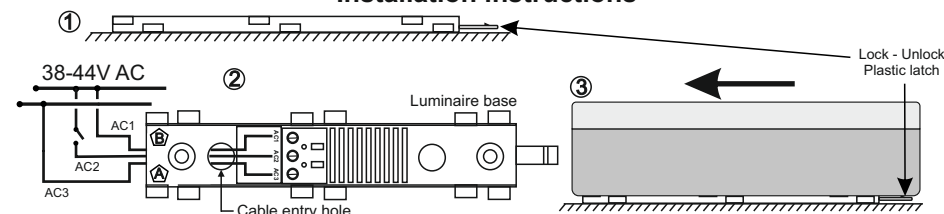
72nd km. O.N.R. Thessaloniki-Katerini

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

www.olympia-electronics.com

info@olympia-electronics.gr

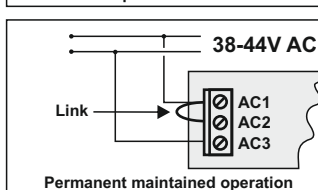
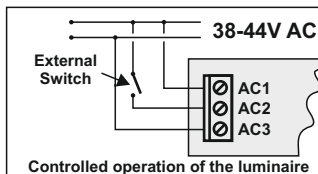
Installation instructions



1. Detach the plastic base (located in the bottom of the luminaire) by pulling the unlock hook and pass the cables from area A or B 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.

2. Connect the power cables as shown in the figure for maintained operation. The AC2 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 as shown in the figure.

3. Attach the luminaire by sliding it on the plastic base until the plastic hook locks, and power the luminaire.



Power Terminal for connection to external siren

Connect the external siren to the power terminal with 5V DC output, as shown in the figure 1. Mind the correct polarity.

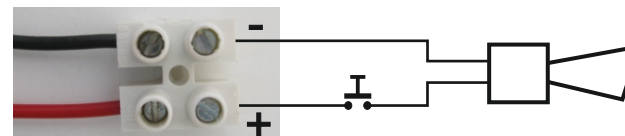


Figure 1. Siren Connection

(*) The minimum luminaire autonomy can be 60 minutes according to EN 81-1 therefore it is recommended to use a siren with a maximum consumption of 400mA.

Battery replacement

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

1. Detach the lamp from its base (step 1 of the installation procedure) .

2. Use a flat blade screwdriver to remove the diffusor.

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 (steps 1,2 and 3).



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.

