olympia electronics

EN ISO 9001 : 2000

GR-935, GR-936, GR-937, GR-961/WP, GR-962/WP

WATER PROOF NON-MAINTAINED EMERGENCY LUMINAIRES

TECHNICAL CHARACTERISTICS	GR-935	GR-936	GR-937	GR-961/WP	GR-962/WP
Operation voltage	220-240V AC/50-60Hz				
Consumption	3 VA		4 VA	3 VA	
Batteries (Ni-Cd)	2,4V/1,5Ah	2,4V/3Ah	3,6V/3Ah	4,8V/1,5Ah	4,8V/3Ah
Charging duration	24h				
Autonomy	90min	180 min	180 min	90min	180min
Charging indicator	Red colored LED				
Battery protection	Overcharge and deep discharge				
Lamps	1 x 8W		2 x 8W	11W CFL	
Luminosity (emergency mode)	85lm		170lm	250lm	
Degrees of cover protection	IP 65				
Produced in accordance with	EN 60598-1 EN 60598-2-22				
Operation temperature range	0 to 40 °C				
Humidity	Up-to 95% relative humidity				
Dimensions	355x160x72mm				
Weight	700gr	950gr	1250gr	1000gr	1200gr
Guarantee	3 years (1 year for the lamp(s))				

Description

These units are designed for areas where emergency illumination is required.

The luminaire must be connected permanently to the mains power supply. During a power supply failure, the luminaire will light. When the power supply is restored, the luminaire will automatically start to charge the batteries until the next power supply failure.

Connections

The unit is connected to the mains power supply via a terminal block which can be found in the luminaire. Figure 1 shows the connection between the unit and the mains power supply. Connect the battery first and after the phase cable of the mains power supply to the **"L"** terminal and the neutral cable to the **"N"** terminal.

The luminaire incorporates a charge indication LED which is lit when the luminaire is charging.

The batteries used in this unit are Nickel-Cadmium(Ni-Cd) with a long life span. This unit is designed for wall mounting installations.

Maintenance

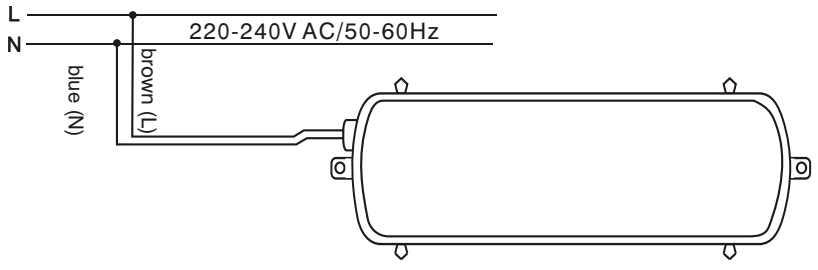
- **Isolate the mains power supply before conducting any maintenance operations in this unit.**

-The batteries must be replaced when the autonomy of the luminaire drops below the autonomy stated on the marking label of the luminaire.

-Replace the lamp with the same type and rating as stated on the marking label of the luminaire.

WARNING!!

- During the installation the installer is responsible for mounting the weatherproof gasket between the base and the diffusor.
- The unit must be connected to dedicated fused power supply line with a fuse rating of i.e. 16 A.
- During long periods of inactive use (i.e 6 months), disconnect the batteries from the unit.
- **Replaced batteries must not be thrown into trash bins. They must be returned to special battery disposal points.**



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