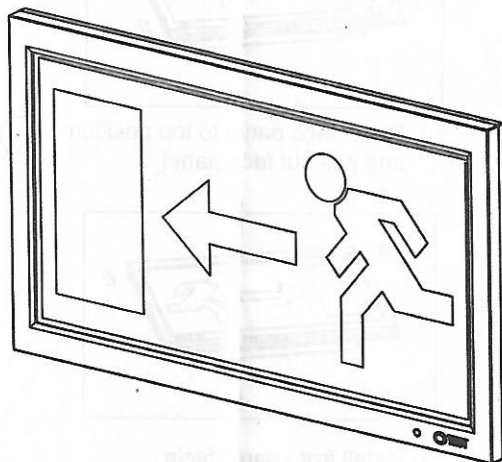


INSTALLATION AND OPERATING INSTRUCTIONS



MAINS POWERED BATTERY BACK UP EXIT SIGN

EN 60598-1

EN 61000-3-2

EN 62031

EN61347-1

EN 60598-2-22

EN 61000-3-3

EN 62471

EN 61347-2-13

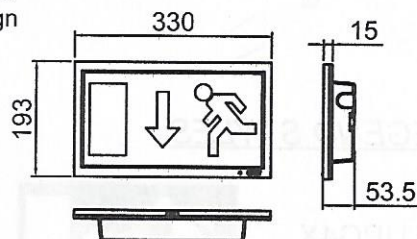


GENERAL INFORMATION

This product is a fully self contained illuminated exit sign. It has an inbuilt battery, battery charger, controller and test button. The LED light source provides low power consumption and long lamp life. The acrylic panel is printed with a dot matrix lens effect pattern and overlaid with a polypropylene diffuser to provide high brilliance and even illumination over the full surface of the sign

TECHNICAL DATA

| | |
|------------------------|--|
| Power Supply | : 220-240VAC, 50 Hz |
| Power Consumption | : Max. 4W |
| Maximum Surface Temp | : 35°C |
| Ambient operating Temp | : 0°C - 25°C |
| Enclosure | : Aluminium housing & polycarbonate end cap |
| Panel | : Acrylic board with imprinted dot matrix lens diffusion |



PRECAUTIONS

This product should be installed by a registered electrician in accordance with local standards and electrical regulations. Take care to ensure the mains supply is isolated before installation. Check the unit label for correct supply voltage and frequency.

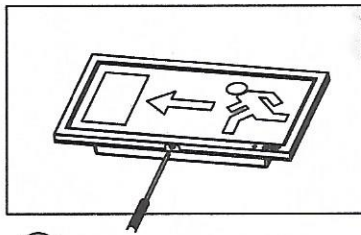
SERVICE & OPERATION

Normal Operation: The green indicator light on the side of the unit stays on. The LED will go out if the mains supply fails, if the internal charger malfunctions, or if the unit is in test mode.

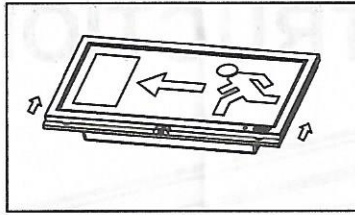
Battery: Sealed Nickel-Cadmium rechargeable battery pack. Batteries of a different type must not be used. Battery's should be replaced by authorised service personnel only. If the unit no longer maintains its rated battery backup test times. should only be replaced by competent service personnel with manufacturers battery pack. Old battery's should be recycled.

Test Switch If pressed the unit LED indicator light will go out and the sign will operate from its battery supply.

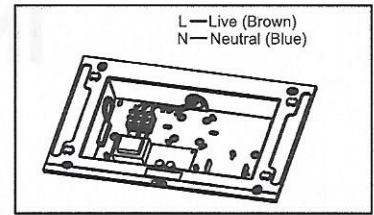
INSTALLATION



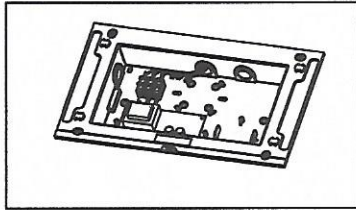
① Remove face panel screw



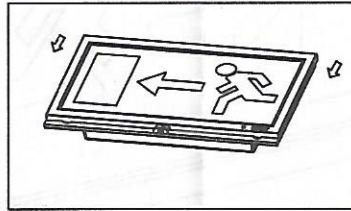
② Press face panel to top position and pull out face panel



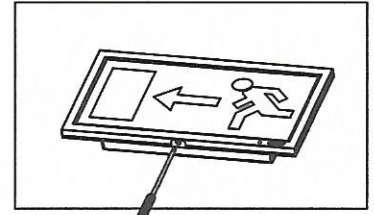
③ Feed the power cable in through the knock out hole and connect to terminal block.



④ Fix mounting bracket to wall



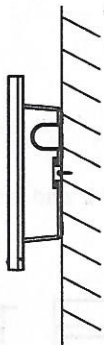
⑤ Install front panel fascia



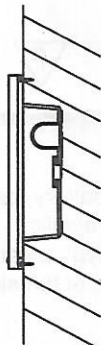
⑥ Screw face panel in place

MOUNTING OPTIONS

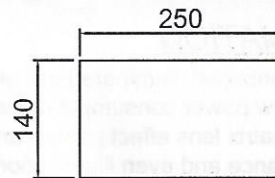
Wall surface mount



Wall flush mount



Recess dimensions for flush mounting



LEGEND STYLES

LUPG4X



LUPG3X



TECHNICAL INFORMATION

| Model Number | Input Voltage | Charge Duration | Discharge Duration | Battery | Power | LED | Viewing Distance | Lumen output after discharge duration |
|----------------------|---------------|-----------------|--------------------|--------------------|-------|----------------------|------------------|---------------------------------------|
| LL-05-ESA05/3H/AT/CD | 220-240V~50Hz | 24h | 3h | Ni-Cd, 3.6V 1000mA | 4W | SMD3528, white 14pcs | 30M | 8.47 lm |

INSTRUCTIONS FOR AUTOMATIC TEST OPTION

(EXIT LIGHT SELF DIAGNOSTICS/SELF TEST FUNCTION)

1. Install LED exit sign according to installation instruction sheet
2. Once the unit is powered up it will automatically initiate a self test and diagnostics as follows:

- Every 4 seconds : Checks for battery disconnection, charger board fault, lamp failure and transformer failure
- Every month : Performs a 3 minute duration test
- Every year : Performs a 1 Hour or 3 Hour duration test

All test functions are factory preset and do not need field adjustment

3. Dual-Colour Indicator LED Status Meanings

- Green Solid On Ready / Normal Operation
 Flashing Testing
- Red Requires Service

| | | |
|-------|-------------------------------|--------------------------------------|
| • | One flash, 4 second pause | Battery not connected |
| •• | Two flashes, 4 second pause | Battery short or low battery voltage |
| ••• | Three flashes, 4 second pause | Charger board fault |
| •••• | Four flashes, 4 second pause | Transformer fault |
| ••••• | Five flashes, 4 second pause | LED lamp fault |

NOTE

After repairing a service fault, press and hold the test button for 2 seconds to reset the flashing indicator light to green

4. Manual Testing

| | |
|--|----------------------------|
| Press test button once | 30 second duration test |
| Press test button twice within 2 seconds | 3 minute duration test |
| Press test button 3 times within 2 seconds | 30 minutes duration test |
| Press test button 4 times within 2 seconds | 1 or 3 hours duration test |