12		<b>±</b>	10	9	<b>∞</b>	7	6	បា	4	ω	N	_	Month	
3 Hour	1 Hour	Functional	Functional	Functional	Functional	Functional	1 hour	Functional	Functional	Functional	Functional	Functional	Test	
													Sign	1st )
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													Sign	2nd Year
													Date	Year
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													Sign	5th year
													Date	year

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# **EM2W NM & M EXIT SIGN**

# EMERGENCY LIGHTING LUMINAIRE INSTRUCTIONS AND TEST PROCEDURES

## **TECHNICAL PARAMETER**

Luminaire Type/Ref:

Date of Installation:

Batteries installed or replaced: Nicd 4.8V 600mAH

Supply Voltage: 220-240V/50/60Hz

Charging Current: 85-90mAH Charging Duration: 24 Hours

Batteries Protection: Overcharge and full discharge

Discharge Duration: more than 3 Hours Lamp Source: High Power White LED

Max Intensity: 6100Mcd

Operation Indicator: Charge LED

**Proration Rating: IP20** 

Operation Temperature: 0 - 60 Degrees C Humidity: up to 95% Relative Humidity

Dimensions: 380 x 195 x 51mm

Weight: 1350g

# **INDICATION LED STATUE**

Charge Green LED (RIGHT): ON: Power supply an full charge

OFF: Power supply fails

# **TEST BUTTON**

Press the test button next to the Led indicator.

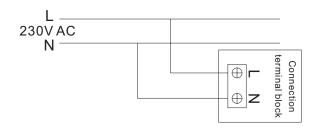
That would be AC supply switch to the DC supply.

#### **IMPORTANT**

Ensure the mains supply is isolated before undertaking any electrical installation of product. Disconnect luminaires from the supply when carrying out megger testing. Installation should be carried out by a qualified electrician in accordance with the relevant IEE Wiring Regulations.

## **INSTALLATION**

In order for the luminaire to become operational, the battery and the mains power supply must be connected. An internal terminal block is used to connect the luminaire to the mains power supply. To obtain access to this terminal block and to the battery remove the cover of the main body by unscrewing the two retaining screws, the connection socket arrangement ensuring correct polarity. Determine the length of wire suspension required and if necessary will permit the wire to be adjusted accordingly. When required length is achieved re-lock mechanism, To avoid excess wire inside the unit, wire can be cut to desired length and re-terminated on the pcb thus ensuring no wire comes into contact with any other connections on the pcb. Failure to ensure no excess wire inside the unit causing subsequent damage will invalidate the warranty. Unit can then be re-assembled and secured with the 2 retaining screws previously removed.



#### MOUNTING OF LUMINAIRE

This lamp can be wall mounted and ceiling mounted.

#### RECOMMENDED ROUTINE TEST PROCEDURE

The following test is designed to ensure the continued protection of your premises and occupants. Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing, all tests should whenever possible, be undertaken at times of least risk, e.g during daylight hours.

#### **ONCE A DAY**

Visual inspection of battery charge led.

# **ONCE A MONTH**

Each unit should be energised from its battery for about 30 seconds by simulation of a failure of the normal lighting supply, to ensure the lamp operates in the emergency condition.

#### **TWICE A YEAR**

Each unit should be energized from its battery for a continuous period of at least one hour. Inspect the fluorescent tube and if the ends are blackened replace. It is recommended that for maintained luminaires the tubes are replaced at intervals of no more than 1 year in order to retain the design photometric characteristics.

#### **AFTER THREE YEARS & EACH SUBSEQUENT YEAR**

All units with specified durations in excess of 1 hour should be energised for their full rating period.