

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 if the LED light source works well. It is recommended that LED light source is inspected twice for no more than one year to retain the design photometric characteristics. If one or more LEDs fail to work normally, customers can decide to replace them or not according to if there is enough lumen output for emergency lighting.

Eventually, you may want to replace this light fitting:

When your light fitting and or battery pack come to the end of their life or you choose to update or upgrade the fitting by replacing it, please do not dispose of it with your normal household waste, please recycle where facilities exist. When you need to dispose of this fitting, check with your retailer or local authority for suitable options. New regulations will encourage the recycling of waste from Electrical and Electronic Equipment. (European "WEEE Direction" effective August 2005).



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EMLED5W NM&M FLUSH

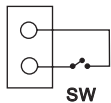
**EMERGENCY LIGHTING
LUMINAIRE INSTRUCTIONS AND TEST PROCEDURES**

MAINTAINED/NON MAINTAINED EMERGENCY LIGHT

DURATION: 3 HOURS 220-240 AC 50/60Hz

INSTALLATION

1. Remove the diffuser from the body by easing each of the 4 'lugs' off the body clips using a 5mm flat blade screwdriver.
2. Release gear tray by easing plastic clips away from the metal tray and lifting the metal tray away from the base.
3. Fix base to wall or ceiling either direct or via conduit box having cleared an access hole in the body for the cable.
4. **ISOLATE THE A.C. SUPPLY** and connect unit. An unswitched 240V A.C. supply must be connected to the live(L). Earth and neutral(N) terminals fitted to the PCB of all variants. On maintained variants continuous illumination is provided by the white link ready connected, this can be replaced by a simple switch for on/off control.
5. Plug battery lead into connector on PCB.
6. Refit the gear tray into the body making sure the two plastic clips capture it correctly.
7. Refit diffuser and press each of the 4 'lugs' to ensure they are fully located.
8. Check operation - restore the A.C. supply check the indicator LED is 'on'. Leave for 30 minutes, remove power, the lamp should illuminate for a few seconds.
9. Restore the A.C. supply, and check that the indicator LED is 'on'.
10. **For maintained installation:**
Remove white link connected across the two terminals marked SW and connect to the live AC 240V provided. (See diagram below)



OPERATION

NON - MAINTAINED

Lamp normally off and battery on automatic charge (LED 'on') when the A.C. supply is healthy. Solid state circuitry automatically switches the lamp on when the A.C. supply is interrupted.

MAINTAINED

Emergency lamp normally on, when the supply to switched live is on. The battery is on automatic charge (LED 'on'). Lamp will switch on or remain on if A.C. supply is interrupted.

MONITORING

Green indicator lamp (LED) normally continuously 'on'. Indicator lamp goes out if A.C. supply or charger fails.

BATTERY

Sealed Nickel - Cadmium rechargeable battery pack.

TEMPERATURE

Performance figures measured at 25 degrees C

FAULT FINDING AND CORRECTIVE ACTION

MONITORING LED NOT ILLUMINATED

A.C. supply not healthy. Battery not connected. Charger failed

UNIT NOT MEETING REQUIRED EMERGENCY PERIOD

May need cycling: Discharge then, recharge for full 24 hours. Retest, battery pack may need replacing if emergency duration still not met.

LAMP NOT FULLY ILLUMINATED

If tube ends blackened replace tube. If illumination is hesitant and of a low level, either the battery pack or (less likely) the printed circuit board needs replacing.