	Month	-	2	З	4	Б	6	7	8	9	10	11	12
	Test	Functional	3 Hour										
1st year	Sign												
	Date												
2nd Year	Sign												
	Date												
3rd Year	Sign												
	Date												
4th Year	Sign												
	Date												
5th year	Sign												
	Date												





EMSTLED3WMEXBOX 3W MAINTAINED 3HR EMERGENCY EXIT BOX SELF - CONTAINED (w/Up/Down/Left/Right Legend)

GENERAL INFORMATION

Our products are designed to comply with the recommended codes of practice for emergency lighting and to be installed by competent person in accordance with the relevant wiring regulations.

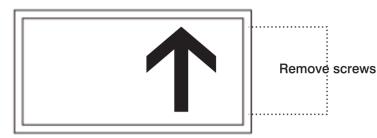
LUMINAIRE INFORMATION

Rated voltage 230/240V AC 50/60Hz Lamp Type - 20 white LED (SMD2835) IP20 Ingress protection Battery Type: Ni-Cd 3.6V 1500mAh Emergency Duration: More than 3 Hours. Change over time: Less than 1 second.

MONITORING

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

INSTALLATION

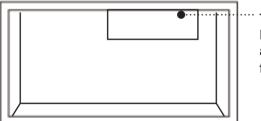


1) Ensure mains supply is off

- 2) Remove the legend from the body using the 2 holding screws
- 3) After completing cable entry, mount the body to intended surface
- 4) Connect the mains supply to the L , N & E terminal block. If using Maintained mode, please review the wiring options below
- 5) Connect the battery to the board with the 2-pin connector
- 6) Re-fit legend & secure with teh 2 holding screws
- 7) Switch on mains supply, ensure the green LED indication is visable.

TEST BUTTON

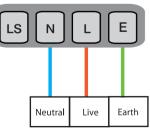
Remove the legend from the body using the 2 holding screws

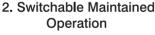


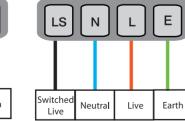
Test Button Please follow additional instructions for functionality

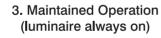
WIRING OPTIONS

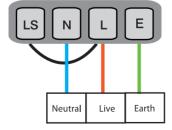
1. Non-Maintained Operation











Switch on the power supply and ensure the LED status indicator is illuminated green to ensure the battery and supply are functioning. After 36 hours on continuous charge a mains failure should be simulated to ensure successful operation.

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 may need replacing if emergency duration is still not met.

LAMP NOT ILLUMINATED

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

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.

ONCE A YEAR

Each unit should be energized from its battery for a continuous period of at least three hours.



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