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## EMSTLED3WMBULK 3W LED IP65 MAINTAINED 3HR EMERGENCY BULKHEAD

### GENERAL INFORMATION

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

### LUMINAIRE INFORMATION

Rated input supply: AC 240V 50Hz  
 Rated output power: 3W 16PCS LED  
 Operating Environmental:Temperature:- 0-50 °C  
 Operating relative humidity: Less than 90%  
 IP65 Ingress protection  
 Battery Specification : 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.

### TEST RECORD SHEET

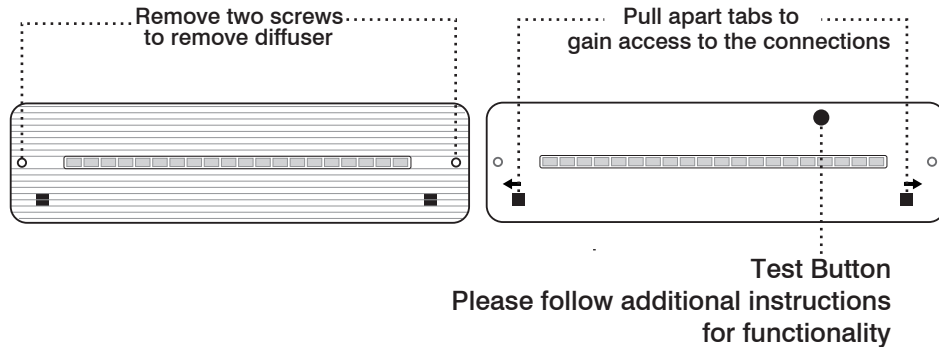
Month	Test	1st year		2nd Year		3rd Year		4th Year		5th year	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
1	Functional										
2	Functional										
3	Functional										
4	Functional										
5	Functional										
6	1 hour										
7	Functional										
8	Functional										
9	Functional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

Luminaire Type/Ref:

Date of Installation:

Location:

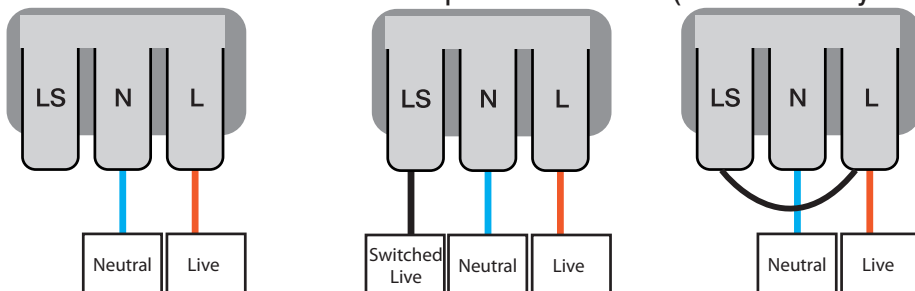
## INSTALLATION



- 1) Ensure mains supply is off
- 2) Remove the diffuser from the body using the holding screws and unclip the gear tray via the tabs
- 3) After completing cable entry, mount the body to intended surface
- 4) Connect the mains supply to the L & N 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 gear tray & secure diffuser
- 7) Switch on mains supply, ensure the green LED indication is visible.

## WIRING OPTIONS

1. Non-Maintained Operation
2. Switchable Maintained Operation
3. Maintained Operation (luminaire always on)



## 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 energised from its battery for a continuous period of at least one hour.

### ONCE A YEAR

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



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