

LEMEBXM3 Emergency Lighting

3HR MAINTAINED EMERGENCY EXIT BOX



SPECIFICATIONS:

- **Input Voltage:**
AC220-240V 50/60Hz
- **Emergency Duration:**
>3 Hours

- **Recharge Time:** 24 Hours
- **Operating Environmental Temperature:** 0°C - 25°C
- **Battery:**
LEMEBXM3BAT-05



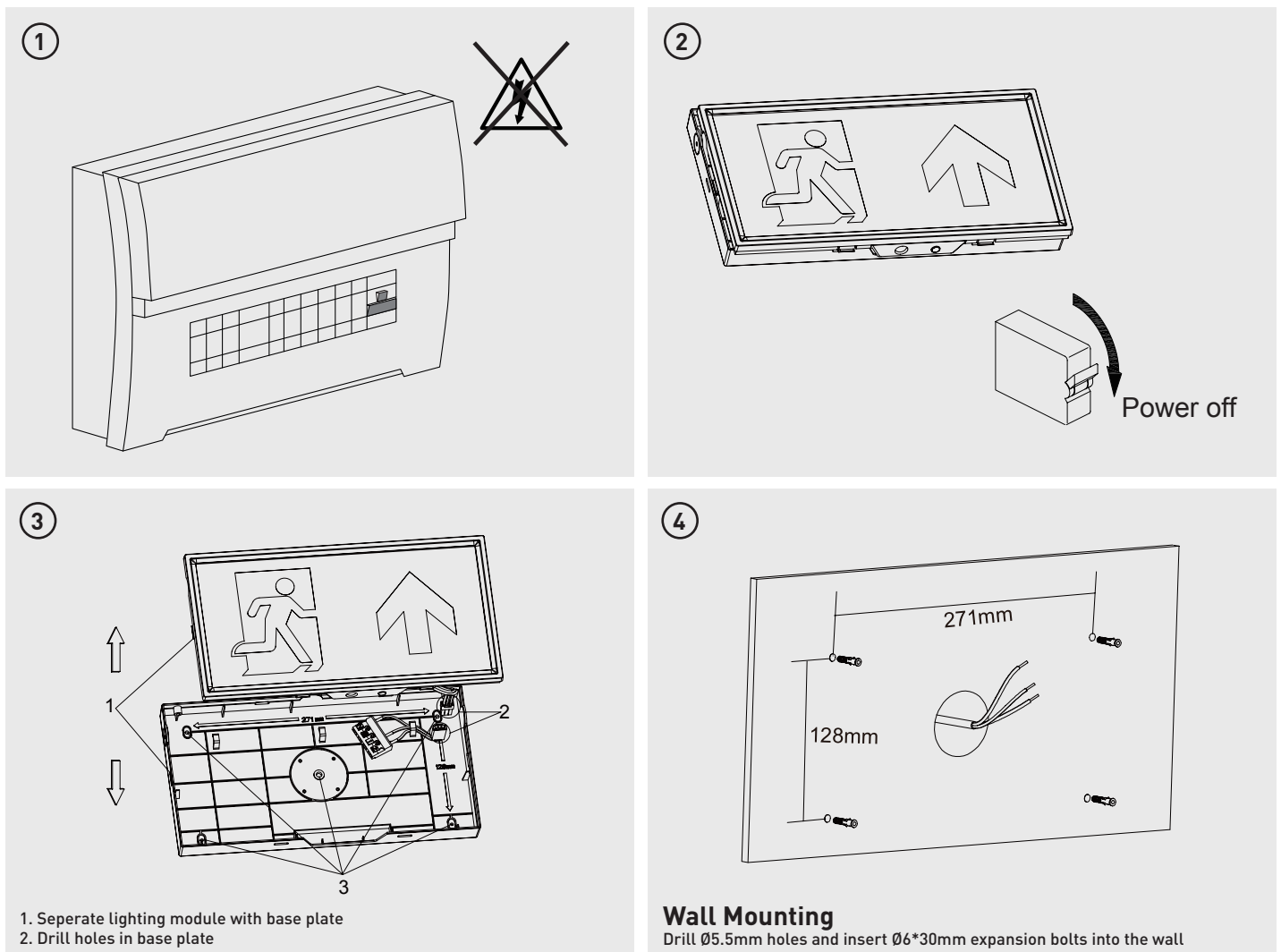
ENSURE ELECTRICAL SUPPLY IS DISCONNECTED/ ISOLATED BEFORE COMMENCING INSTALLATION

NOTE - To comply with regulations, installation must be carried out by qualified electrician and in accordance with the current IEE Wiring Regulations (BS7671) and Building Regulations

State	Color	LED indication	Status	Comment
	Green	Permanent green	Charging Mode Fully Charged	AC mode
	Green	Fast flashing green (0.1 sec on, 0.1 sec off)	Function test underway	
	Green	Slow flashing green (1 sec on, 1 sec off)	Duration test underway	
	Red	Permanent red	Load failure	Open circuit/ Short circuit Led failure (emergency mode)
	Red	Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery
		Green and red off	DC mode	Battery operation (emergency mode)

OPERATION

The luminaire should be connected to the mains supply for a minimum of 24 hours before operating in emergency mode as the batteries need to be fully charged before they will provide their full rated duration.



Tech Help Line

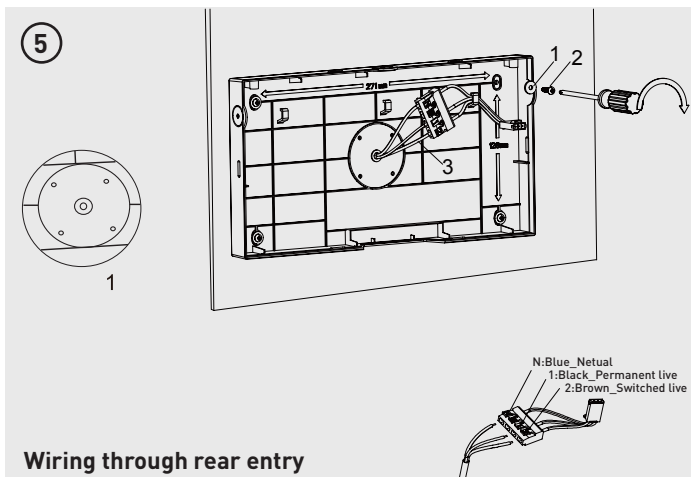
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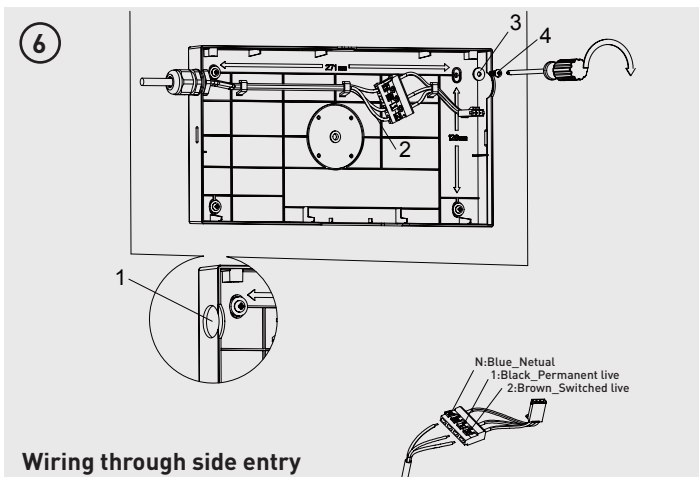
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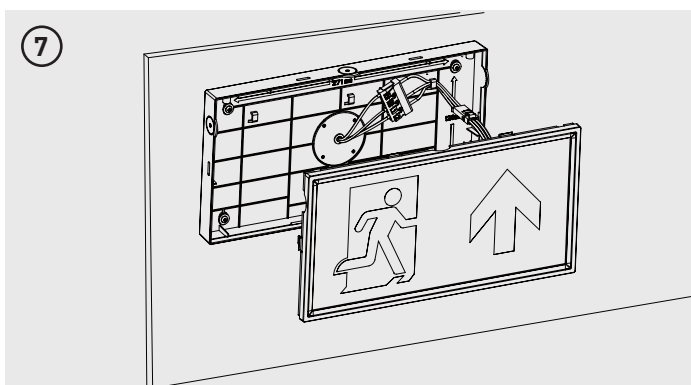
Wiring through rear entry

1. Drill hole on the back plate
2. Insert gasket
3. Screw the back plate to the wall
4. Connect mains

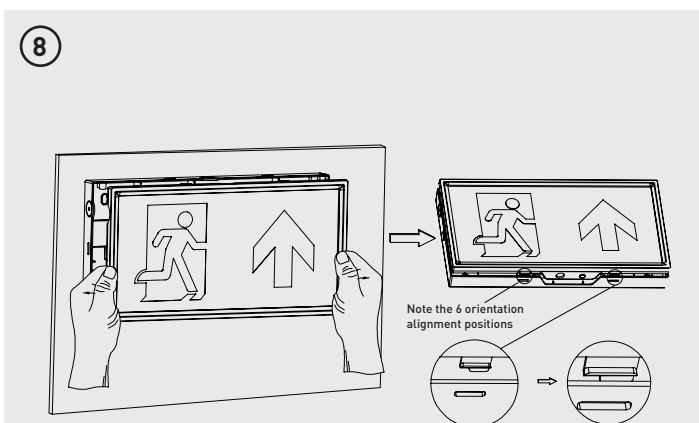


Wiring through side entry

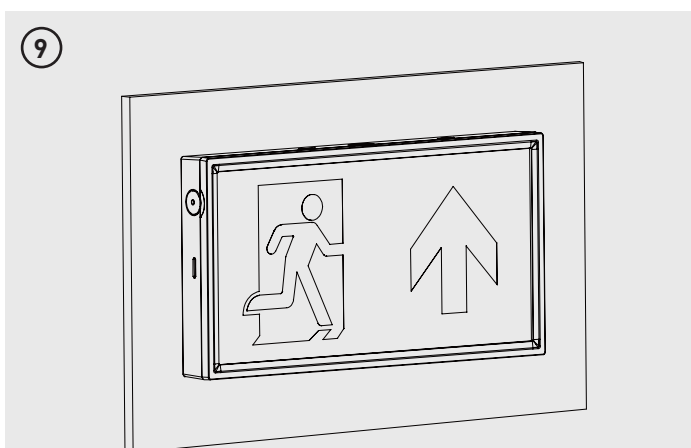
1. Drill out Ø20mm side entry point
2. Insert gasket
3. Screw the back plate to the wall
4. Connect mains



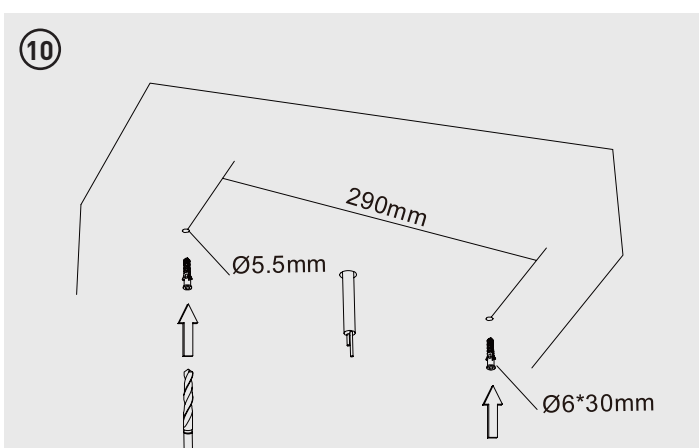
Connect the plug in connector



Align the guide tabs on the bezel with the base plate, Push in the bottom of the bezel first then clip in the top



Fit back the front cover to the bottom case



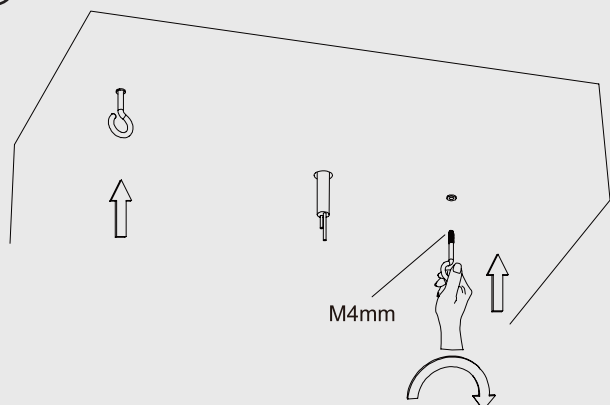
Ceiling Mounting - Optional with additional accessories
Drill Ø5.5mm holes and insert Ø6*30mm expansion bolts into the ceiling

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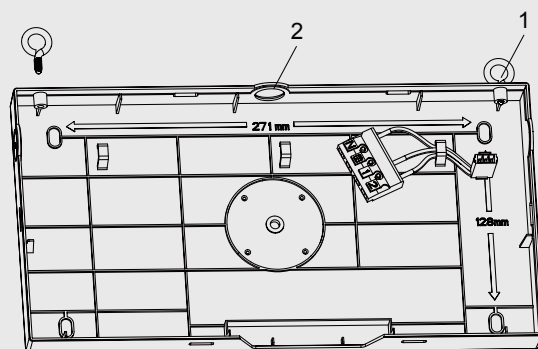
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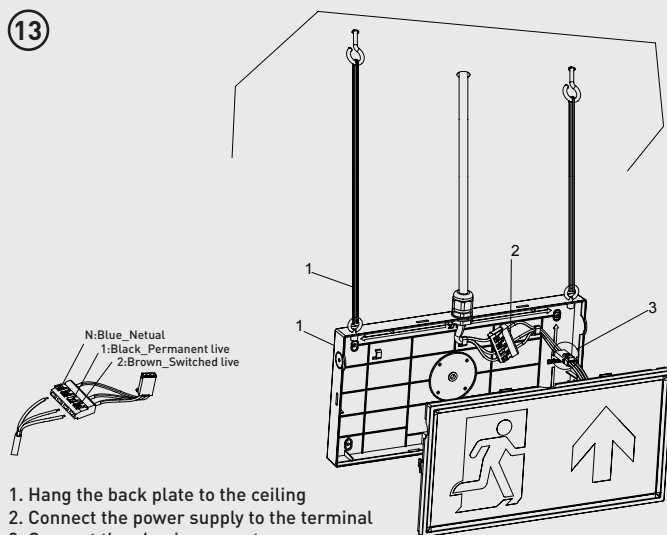
Secure the hooks in the expansion bolts

12



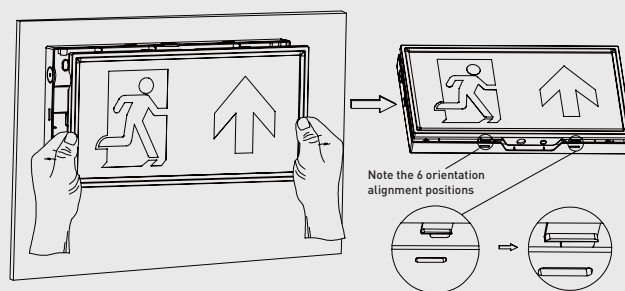
1. Fix hook screws into two hang holes on topside
2. Drill out the top 20mm knockout

13



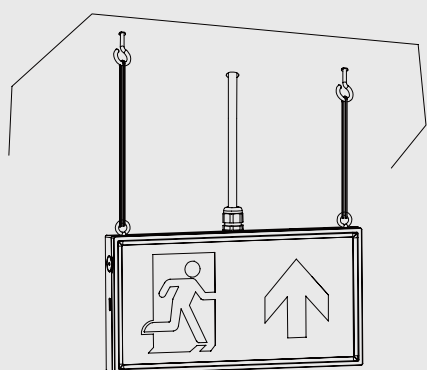
1. Hang the back plate to the ceiling
2. Connect the power supply to the terminal
3. Connect the plug in connector

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Flatly press the buckle one by one with slotted screwdriver at the marked direction

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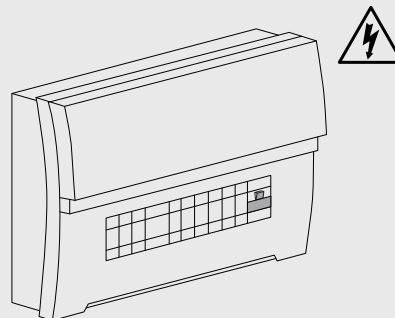


Combine the lighting module and back plate together

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Mode change switch located on emergency module

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RECOMMENDED ROUTINE 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 MONTH

Each unit should be energized 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.

ONCE A YEAR

Each unit should be energized from its battery for a 3 hour discharge test.

ONCE A DAY

Visual inspection of battery charge LED.

ROUTINE TEST RECORD

Month	Test	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	Function										
2	Function										
3	Function										
4	Function										
5	Function										
6	Function										
7	Function										
8	Function										
9	Function										
10	Function										
11	Function										
12	Function										

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