

INSTALLATION AND OPERATING INSTRUCTIONS
SURFACE MOUNT EMERGENCY LED LIFELIGHT
LEM.SM.D40.WH

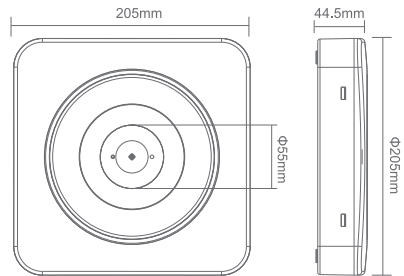


APPLICATION

1. IP20 Rating with V-0 housing;
2. NON-Maintained Operation (Light only on in emergency situation)
3. Easily disassembled to replace the battery if needed;
4. Suitable for Library, Market Mall, Office Building, Warehouse, Workshop Building etc.

TECHNICAL DATA

1. Input voltage: 220-240V, 50Hz
2. DC Power Consumption: 2.5W
3. Charge Time: 24 Hours
4. Emergency Time: 180min
5. Operation: NON-maintained operation
6. Function: Manual Test Switch & LED Indicator
7. Working temperature: 0- 40 °C
8. Battery: LiFePO4
9. Mounting: Surface
10. HF-1003 FE/DA: FE for Standard; DA for DALI Function



TECHNICAL INFORMATION

ITEM CODE	Model No.	Classification	Charging mode	Input Voltage	Charge Time	Discharge Time	Operation	Emergency Mode Battery	DC Power	Output lumen
LEM.SM.D40.WH	HF-1003FE/DA	D40 C0:D40 C90:D40	4W	220-240V 50/60Hz	24 Hours	180min	NON-Maintained	LiFePO4, 6.4V 1.5Ah	2.5W	200lm

DALI (Digital Addressable Lighting Interface)

DALI is widely acknowledged as being an open protocol as defined under IEC 62386 and is designed only for communication in lighting systems.

HF-1003DA "X" with DALI functionality comply with DALI standard IEC 62386.

The DALI wiring consists of additional 2 terminals in the ceiling bracket marked as "DA" and "DA" for DALI control wires apart from the mains terminals, ie: L, N and E.

Note: Mains or mains carrying cables should not to be connected to DALI terminals or DALI control wires.

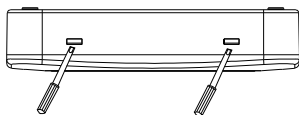
TEST SWITCH

The TEST SWITCH is provided to simulate the main power failure. PRESS and HOLD the test switch, the lamp will LIGHT ON in emergency mode. After releasing the TEST SWITCH, the light be back to normal and the light will be off.

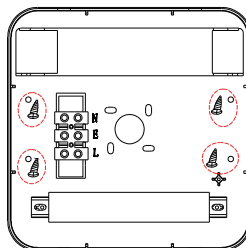
TEST PRECAUTIONS

1. When the fitting is connected to the main power first time, it should be charged for 24 hours at least.
2. Once the battery is full charged, please conduct a manually discharge test as per the standard of AS/NZS 2293, which requires that all new fittings should operate in emergency mode for at least 2 hours for the first discharge test.
3. Further tests are required to be carried out at intervals of less than 6 months.
4. Please keep records of the initial test and ongoing test in the building's emergency service log book.

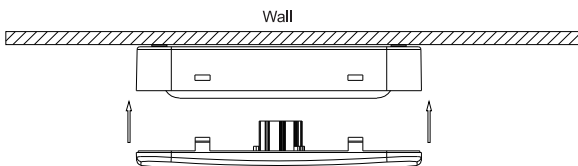
INSTALLATION INSTRUCTIONS



Step 1: Open the cover by the fastener



Step 2: Wiring according to the terminal mark;
Screw the bottom cover on the wall



Step 3: Reinstall the surface cover

FAULT & POSSIBLE CAUSES

If you have installed and connected the fitting as per the instruction contained within this manual and the light fails to work properly, please use the following table as guide to fixing the problem.

FAULT	POSSIBLE CAUSES
Indicator light is not lit	<ul style="list-style-type: none"> ▪ AC Supply is not connected ▪ AC Supply turned
The indicator flashes	<ul style="list-style-type: none"> ▪ Battery plug not connected to battery pack
When the test switch is pressed, the indicator light turns off but the light is not on	<ul style="list-style-type: none"> ▪ Lamp is damaged ▪ Lamp is not inserted properly ▪ Battery pack is damaged
Lamp lights, but only temporarily, when test switch is pressed or when main power supply is turned off.	<ul style="list-style-type: none"> ▪ Battery pack not fully charged ▪ Battery pack is damaged

SAFETY

1. Please make sure the power supply is disconnected before the installation and maintenance.
2. It should be replaced the wire/cable exposed by a qualified licensed electrician.
3. The luminaire is intended for mounting in locations where the plug and sockets are protected m unauthorized disconnection.
4. Check the labels and wiring diagram for correct supply voltage and wiring connection.

INDICATOR

Battery Charge: Indicator light in RED color

Main Power: Indicator light in Green color

MAINTENANCE

CHECK THE DISCHARGE DURATION PERIODICALLY IN ACCORDANCE WITH THE EMERGENCY REGULATIONS.

REPLACING THE BATTERY

1. Please use the totally NEW battery recommended on the label of the inverter. Not Accept any other battery.
2. Make sure the main power is disconnected before commencing the replacement.
3. Disconnect the old battery and remove it from the fixed position.
4. Fix the new battery in the same position and connect the battery wire.
5. Connect the main power, check the indicator and LED status.

BATTERY LIFE

1. The life-Span of the battery designed for this product is 2 years, it should be replaced after 2 years since the installation.
2. It should be discharged and charged the battery every 6 months at least to maintain the life of the battery. Otherwise, the battery life-span will be shortened.
3. Faulty discharge/main power disconnect stage, will SIGNIFICANTLY shorten the battery life-span or even damage the battery.

PRODUCT FAILURE AS A RESULT OF FAULTY OPERATION WILL STRICTLY NOT BE COVERED UNDER THE WARRANTY.

Warranty Term

Luminaire: Thirty-six(36) Months from date of purchase.

Battery: Twelve(12) Months from date of Purchase.