

INSTALLATION AND OPERATING INSTRUCTIONS

LED RUNNING MAN EXIT SIGN

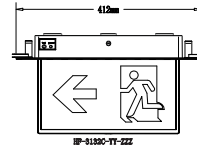
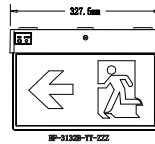
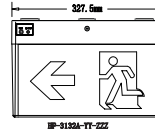
LEM EXIT SM / LEM.EXIT.SM.SL / LEM.EXIT.RECSD

APPLICATION

- **IP20 Rating with V-0 Housing:** Fire-resistant housing for indoor use.
- **Maintained Operation:** Remains illuminated whether main power is on or off.
- **Easy Battery Replacement:** Disassemble easily to replace the battery.
- **Interchangeable Pictograms:** Various pictogram options for different locations.
- **Versatile Application:** Ideal for libraries, malls, office buildings, warehouses, and workshops.

TECHNICAL DATA

1. **Input voltage:** 220-240V,50/60Hz
2. **Input Power:** 4W
3. **Charge time:** 16/24 Hours
4. **Emergency time:** 2/3 Hours
5. **Operation:** Maintained operation
6. **Function:** Manual Test Switch & LED Indicator
7. **Working temperature:** 0°C to 40°C
8. **Battery:** LiFePO4
9. **Mounting:** Ceiling/Wall/Recessed
10. **IP rating:** IP20
11. **Material:** Fire-retardant PC(V-0)
12. **Visual Distance:** 24M
13. **HF-313"NX"-FE/DA:** FE for Standard;DA for DALI Function



HF PRODUCT NAMING RULES FOR HF-313NX-YY-ZZZ SERIES

1. **HF:** Company code.
2. **313:** All-in-one emergency exit sign series.
3. **N:** Series number (1-9).
4. **X:** Type of exit sign:
 - **A:** Box type.
 - **B:** Blade type.
 - **C:** Recessed type.
5. **YY:** DALI function:
 - **DA:** With DALI.
 - **FE:** Standard emergency without DALI.
6. **ZZZ:** Pictogram and color coding:
 - First two letters: Frame configuration.
 - Third letter: Indicates color:
 - **W:** White.
 - **B:** Black (for low brightness areas).


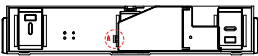

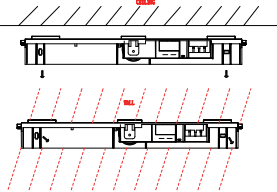
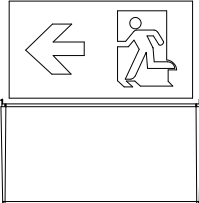
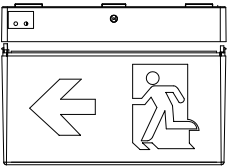
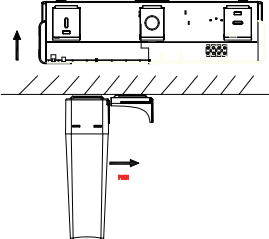
Example: "HF-3132A-DA-BBW"

· 2nd all-in-one series emergency exit box type, with DALI function, and white color.


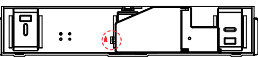

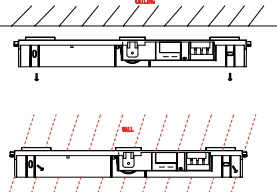
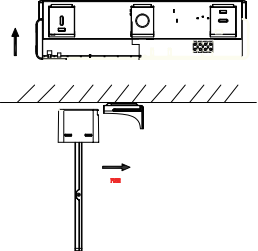
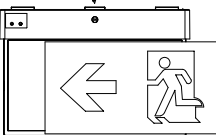


TECHNICAL INFORMATION

| ITEM CODE | Model No. | Classification | Charging mode | Input Voltage | Charge Time | Discharge Time | Operation | Emergency Mode Battery | DC Power |
|----------------|-----------------|----------------|---------------|------------------|-------------|----------------|------------|------------------------|----------|
| LEM.EXIT.SM | HF-3132A-FE-BBW | 24M | 4W | 220-240V 50/60Hz | 16/24 Hours | 2/3 Hours | Maintained | LiFePO4, 3.2V 1.5Ah | 1.2W |
| LEM.EXIT.SM.SL | HF-3132B-FE-YBW | 24M | 4W | 220-240V 50/60Hz | 16/24 Hours | 2/3 Hours | Maintained | LiFePO4, 3.2V 1.5Ah | 1.2W |
| LEM.EXIT.RECSD | HF-3132C-FE-YBW | 24M | 4W | 220-240V 50/60Hz | 16/24 Hours | 2/3 Hours | Maintained | LiFePO4, 3.2V 1.5Ah | 1.2W |


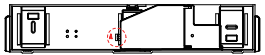


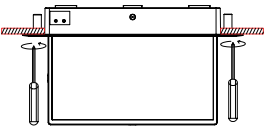
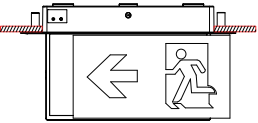
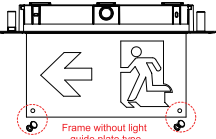
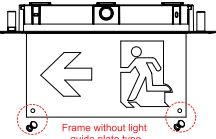
INSTALLATION INSTRUCTION(3132A)

| | | |
|---|---|---|
| <p>Step.1 Remove the mounting bracket</p>  | <p>Step.2 A Open the connector cover</p>  | <p>Step.3 B Punch out 20mm hole for conduit entry. C Ceiling mounted hole.</p>  |
| <p>Step.4 Install the mounting bracket on the ceiling/wall.</p>  | <p>Step.5 Clip the sticker into the slot of the transparent case.</p>  | <p>Step.6 Buckle the transparent housing into the lamp strip body.</p>  |
| <p>Step7: Lock the mounting bracket in the body.</p>  | <p>Step 8: A Open the connector cover B Punch out 20mm hole for conduit entry C Ceiling mounted hole</p> | |

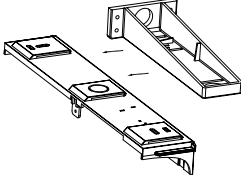
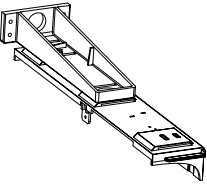
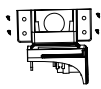
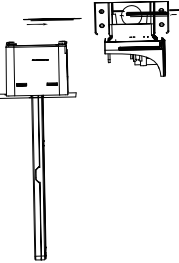
INSTALLATION INSTRUCTION(3132B)

| | | |
|---|--|---|
| <p>Step.1 Remove the mounting bracket</p>  | <p>Step.2 A Open the connector cover</p>  | <p>Step.3 B Punch out 20mm hole for conduit entry. C Ceiling mounted hole.</p>  |
| <p>Step.4 Install the mounting bracket on the ceiling/wall.</p>  | <p>Step.5 lock the mounting bracket of the Body.</p>  | <p>Step.6 A. Fix the holding screw, insert decals into the diffuser.</p>  <p><i>With light guide plate frame type</i></p> <p>B. Take plastic screws to lock the sticker on the light guide plate.</p>  <p><i>Frame without light guide plate type</i></p> |
| <p>Step 7: A Open the connector cover B Punch out 20mm hole for conduit entry C Ceiling mounted hole</p> | |  <p><i>Frame without light guide plate type</i></p> |

INSTALLATION INSTRUCTION(3132C)

| | | |
|--|--|---|
| <p>Step.1 Remove the mounting bracket</p>  | <p>Step.2 A Open the connector cover</p>  | <p>Step.3 B Punch out 20mm hole for conduit entry. C Ceiling mounted hole.</p>  |
| <p>Step.4 cutout on the ceiling, Min:375*70mm Max:390*90mm</p>  | <p>Step.5 lock the two screws on the baffle plate clockwise.</p>  | <p>Step. 6 A.insert decals into the diffuser.</p>  <p>With light guide plate frame type</p> <p>B.Take plastic screws to lock the sticker on the light guide plate.</p>  <p>Frame without light guide plate type</p> |
| <p>Step 7: A Open the connector cover</p> <p>B Punch out 20mm hole for conduit entry</p> <p>C Ceiling mounted hole</p> | |  <p>Frame without light guide plate type</p> |

SIDE WALL MOUNTING WITH BRACKET(FOR 3132A&B)

| | |
|---|--|
| <p>A1: Wall mounting bracket</p>  |  <p>Step 1: Insert the slot on the bottom of A1 into slot of A2.</p> |
| <p>A2: Head of the light body</p>  |  <p>Step 2: Screw A1 to the wall</p> |
| <p>Step 3: Install the rest part of the light body on A2 and lock it with screws.</p> | |

DALI (DIGITAL ADDRESSABLE LIGHTING INTERFACE)

- DALI is an open protocol under IEC 62386, specifically designed for communication within lighting systems.
- The HF-3132NX-DA series is fully compliant with the DALI standard IEC 62386, ensuring seamless integration.
- The DALI wiring configuration includes two dedicated terminals ("DA" and "DA") in the ceiling bracket for DALI control wires, in addition to the mains terminals (L, N, and E).
- **Note:** Do not connect mains or mains-carrying cables to DALI terminals or control wires.

SAFETY INSTRUCTIONS

1. **Power Disconnection:** Ensure the power supply is fully disconnected before installation or maintenance.
2. **Qualified Replacement:** Any exposed wires/cables should be replaced only by a licensed electrician.
3. **Protected Installation:** The luminaire should be installed in locations where the plug and sockets are protected.
4. **Voltage & Wiring Check:** Verify that supply voltage and wiring connections match the labels and wiring diagram.

TEST SWITCH OPERATION

Function: The TEST SWITCH simulates a main power failure. When pressed and held, the exit light will activate in emergency mode. Upon release, the main power will resume normal operation.

TEST PRECAUTIONS

1. **Initial Charging:** Upon first connection to the main power, the battery should be charged for at least 24 hours.
2. **Discharge Test:** Once fully charged, perform a manual discharge test according to AS/NZS 2293 standards. The fitting must operate in emergency mode for a minimum of 2 hours during the first discharge test.
3. **Regular Testing:** Conduct further tests every 6 months to ensure proper functionality.
4. **Record Keeping:** Document the initial and ongoing test results in the building's emergency service logbook.

MAINTENANCE

Periodic Testing: Regularly check the discharging duration in compliance with emergency regulations.

BATTERY REPLACEMENT

1. **Approved Battery:** Only use the recommended battery specified on the inverter label. Do not substitute with other batteries.
2. **Power Disconnection:** Ensure the main power is disconnected before starting the replacement.
3. **Battery Removal:** Disconnect the old battery and remove it from its fixed position.
4. **New Battery Installation:** Secure the new battery in the same position and connect the battery wires.
5. **Power Reconnection:** Reconnect the main power and verify the indicator and LED status.

Battery type:
LiFePO4 3.2V
Max Ambient temperature:60°C
Installed date:
Manufactured date:
Used date:



NOTE: PLUG IN BATTERY BEFORE CONNECTING
240V POWER SUPPLY

WARRANTY TERM

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

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