

Technical support

## Product Instructions **VALENCIA**

Apr 2026

Luminaire Classification:  
**X1G180**

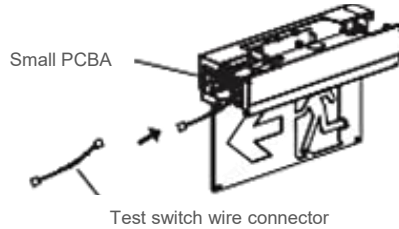
Suitable for:  
**VLC/DS/24\_ Models**

## RECESSED MOUNT

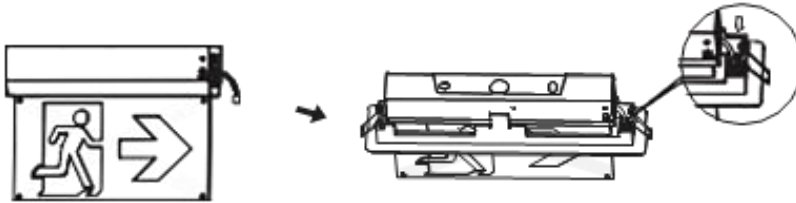
1. Remove the back plate from fixture, then remove hole plug at test switch side.



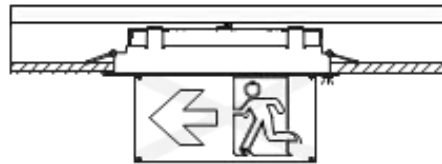
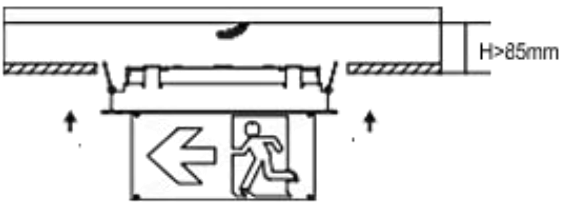
2. Connect the test switch wire connector on small PCBA inside the luminaire.



3. Connect the plug onto the recessed kit.

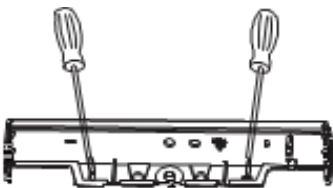


4. Cut out size: L358-362mm x W55-58mm. Fix the luminaire onto the ceiling. Switch on, the green LED indicator will be on.

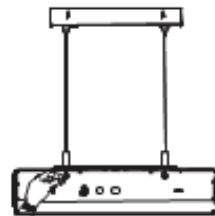


## PENDANT MOUNT

1. Knock out the screw holes and fix steel wire rope on the mounting bracket and the ceiling at both ends.



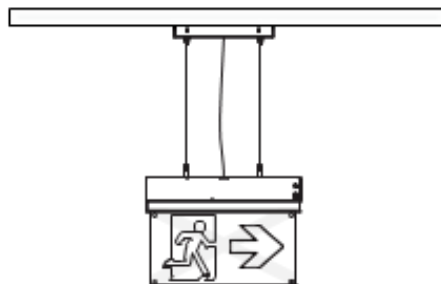
2. Adjust the rope to suitable length before fixing the screws.



3. Connect the AC supply wires to the terminal, plug it onto the PCBA and connect the battery.



4. Snap the luminaire onto the mounting bracket.



## PRECAUTIONS

**Normal Operation:** The green LED indicator stays on when connected to mains supply. The indicator will turn off when the mains supply fails, or when the internal charger malfunctions, or when the luminaire is in test mode.

**Battery:** LiFePO4 rechargeable battery pack. Battery should be replaced when it reaches the end of its lifetime. To avoid damage to the luminaire and ensure its performance, the battery should be replaced with the same type LiFePO4 battery could not be charged below 0°C or above 60°C according to IEC 60598-2-22. When the battery temperature is detected below 0°C or above 60°C, the LED indicator will be off and the battery will stop charging.

**Test Switch:** Press the test button, LED indicator will turn off/flash and the luminaire will be powered by the battery pack. When the light source reaches the end of its lifetime, the whole luminaire shall be replaced.

## INSTALLATION PROCEDURE

### WARNING

1. Switch off before installation or maintenance.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.
4. This luminaire is not intended for use in high-risk area lighting.



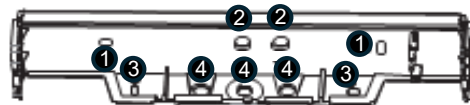
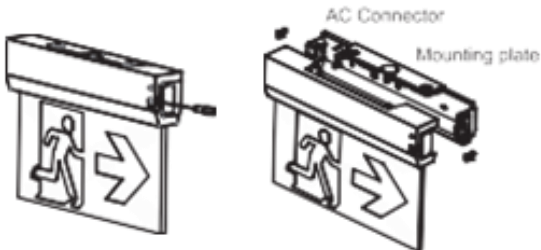
Turn Off  
Power Supply

Read instructions and check you have all the tools and accessories to complete the installation correctly.

## SURFACE MOUNT (CEILING/WALL/FLAG MOUNT)

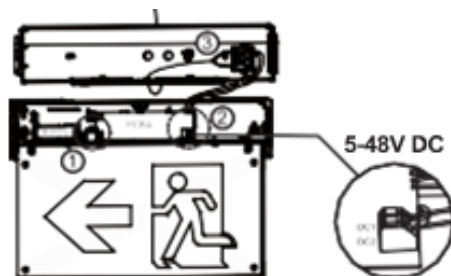
1. Dismantle the luminaire by prying the clip with a flat screwdriver and remove the side cover.

- 2.1 Wall mount: ① screw fixation holes ② cable entry holes
- 2.2 Ceiling mount: ③ screw fixation holes ④ cable entry holes

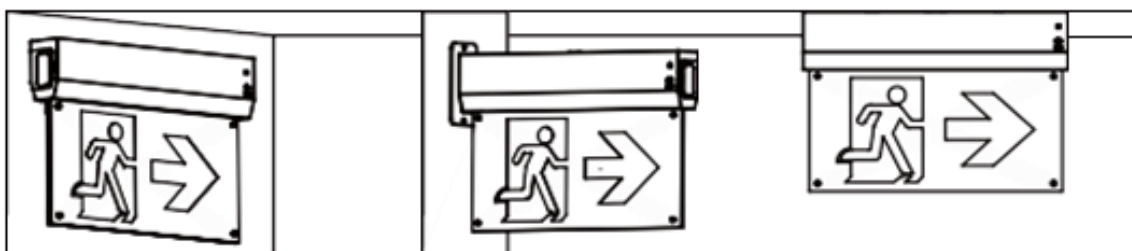


- 2.3 Flag mount: Fix flag mount bracket on the wall, have the luminaire fixed on the bracket after removing the side cover.

3. Plug battery onto the PCBA. Connect the AC supply wire to the terminal block, and 5-48V DC wires to the terminal on PCBA.



4. Snap the luminaire onto the mounting bracket, and the installation is finished.



## TRACK MOUNT

1. Remove the bracket with flat screwdriver.



2. Connect the AC supply wires to the terminal plug it onto the PCBA, and connect the battery.



3. Snap the luminaire onto the mounting bracket.



4. Fix the track adaptor onto track, turn clockwise or anti.



## INSTRUCTIONS FOR AUTOMATIC TEST OPTION

### 1. Instruction for Automatic test function

Once the unit is powered up, a self-diagnostics test will be automatically initiated.

- Check the battery lamp, charge board and transfer fault all the time.
- Run 3mins duration test every month.
- Run 1H or 3H duration test every year.

*Note: All test functions are preset and no need for field adjustment.*

### 2. Dual Colour LED Status indicator Meaning

- Green indicator solid on: Ready/Normal Operation
- Red indicator flashes: Require service

*	One flash, 4s pause	Battery disconnected
**	Two flashes, 4s pause	Low battery voltage
***	Three flashes, 4s pause	Charge board fault
****	Four flashes, 4s pause	AC/DC transfer fault
*****	Five flashes, 5s pause	LED lamp fault

*Note: When the fault is recovered, press the test button for 2s, the red flashing indicator will turn green. The fault is cleared, and the unit is back to normal.*

### 3. Button Test

Press test button once	Run a 30s duration test
Press test button twice within 2s	Run a 3mins duration test
Press test button 3 times within 2s	Run a 30mins duration test
Press test button 4 times within 2s	Run a 1H or 3H duration test
Press test button once at emergency state	Emergency state cancelled, green indicator solid on
Press test button >5s when the luminaire is at emergency state	The luminaire (white light) would be off, red X is on, and LED indicator flashes green 0.5s on 0.5s off
Press the button twice within 2s when the red X flashes	The luminaire's white light will be on

*Note: When the luminaire is connected to low voltage 5-48V DC, the red cross would be on no matter the luminaire is at emergency state or not.*

### 4. Dynamic Mode

- Dynamic Red mode (5-48V DC connected): Red X is on



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