T622LEDB Installation Guide

⚠ WARNING

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS .

- **Do not mount near gas or electric heaters.**
- **Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.**
- **The use of accessory equipment not recommended manufacturer may cause an unsafe condition.**
- **Do not use this equipment for other its intended use.**

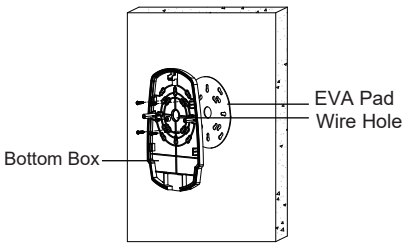
SAVE THESE INSTRUCTIONS

Important Safety Instructions

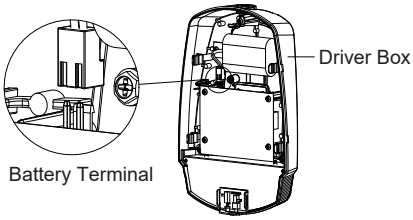
1. Please read and strictly follow all safety instructions to avoid personal injury or equipment damage.
2. Please keep this manual properly for future reference or maintenance.
3. To avoid electric shock, disconnect power at source prior to installation.
4. The installation should be performed by qualified electricians or lighting technicians.
5. Before conducting any installation, maintenance, or removal, disable all power to the luminaries and wait until he fixture cool down.
6. Do not touch the fixture while it is in service.
7. If there is any problem with the fixture, DO turn off power and DO NOT attempt repair unless you are a qualified technician or the customer service member.
8. Please read the label information carefully to get proper input voltage for this product.
9. This luminaire is designed to operate in ambient temperatures ranging from -20°c to 40°c.
10. This product is not available for several special environments, such as places with corrosive gas liquids or high pressure water vapor.
11. Make sure the equipment is properly grounded. when mounting to the uneven wall, make sure to glue the junctions around the luminaire.
12. Max.mounting height: 12ft (3.6m) .

Connector Box Installation

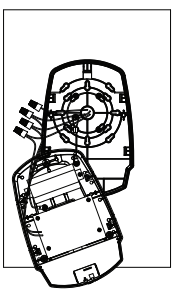
1. Take out the bottom box and EVA pad from the packaging box.
2. Use an electric drill to drill out the wire holes on the bottom plate.
3. Tear off the film on the EVA pad and stick it on the back of the bottom box.
4. Use screws (prepared by the user) to fix the bottom plate to the wall.
5. Take out the drive box from the packaging box and insert the battery terminal into the interface.
6. To facilitate wiring, hang the hanging rope on the bottom box screw.
7. Complete the wiring (refer to the wiring diagram).
8. Align the driver box to the bottom box and press the driver box firmly.
9. Installation is complete.

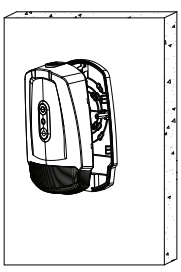


Refer to Figure 1 for Steps 1-4.



Refer to Figure 2 for Steps 5.


Refer to Figure 3 for Steps 6-7.


Refer to Figure 4 for Steps 8-9.

Wiring Diagram

For dimming version, please check wiring diagram below.

WITH EMERGENCY BATTERY



Test Switch Indication Status and Troubleshooting Guide

Automatic Detection Cycles

- Automatically detected every 30 days.
- Automatically detected and discharged for 90 minutes every six months.

The instruction manual for equipment with ELCF capability shall describe the operational mode(s) of the ELCF and describe the appropriate testing and diagnostic procedures. where ELCF capability is dependent on signals or power received from or transmitted to other equipment, the instructions shall include identification of the other equipment, any constraints on the installation of or means of interaction with that equipment, and a description of procedures to verify that the intended interoperability is established.

（1）Normal Mode (Normal Power Connection Scenario)

In this mode, the luminaire enters daily charging, standby, or automatic inspection. The indicator light reflects the basic operating status:

LED Indicator Status	Indication Analysis (Function/Fault)	Corrective Action
Steady Green	Charging in progress (Fully charged)	/
Flashing Green	Automatic inspection in progress (self-inspection of circuits, battery, etc.)	/
Steady Red	Charging anomaly (fault in charger, charging circuit, or battery charging module)	1. Check if the charging cable is properly connected and undamaged. 2. Test with a charger of the same specification. 3. If the issue persists, contact after-sales for maintenance (involving professional inspection of internal circuits/modules).
Flashing Red	Battery anomaly (loose connection, poor contact, or battery fault)	1. After power-off, open the battery compartment to check for loose connections or reinstall the battery. 2. Reinstall the battery and test power-on. If the fault persists, contact after-sales to replace the compatible battery.

（2）Manual Button Test Mode

Actively trigger a test to verify the emergency function and battery endurance. The indicator light reflects the test results:

LED Indicator Status	Indication Analysis (Function/Fault)	Corrective Action
Flashing Green	Test normal (battery power activated)	/
Steady Red	Charging anomaly (fault in charger, charging circuit, or battery charging module)	Refer to the “Normal Mode - Steady Red” process for inspection/contact after-sales.
Alternating Red-Green Flashing	Low emergency battery power (insufficient reserve power)	/

（3）Safety Operation Reminder

- Disconnect power before disassembling the battery or inspecting circuits.
- Non-professionals must not disassemble internal circuit modules to prevent electric shock or equipment damage.