

## LOC-FGLHB-MW-MCCT Series Installation Guide

**SAFETY INSTRUCTIONS:** Read instructions carefully before attempting to install fixture.

- All wiring should be performed by a qualified electrician.
- Disconnect power before installing or servicing. This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances.
- Proper grounding is required to ensure personal safety.
- Please wear gloves to avoid any injury before installation.
- Please use listed strain relief bushing when connecting the supply cord to the outlet box.

### CAUTION: Risk of fire

- **WARNING:** Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.
- **WARNING:** Fixture must be connected to a wiring system with an equipment-grounding conductor.
- **WARNING:** Make sure the supply voltage is the same as the rated luminaire voltage.
- **WARNING:** Do NOT operate in ambient temperatures above those indicated in the fixture label.
- **WARNING:** Do NOT use any electric generator to test this LED fixture.
- **WARNING:** If any smoke or spark of the wire happen, please turn off the power immediately and notify relevant personnel.

### CLEANING & MAINTENANCE:

CAUTION: Be sure the fixture temperature is cool enough to touch. Do NOT clean or maintain while the fixture is energized.

1. Clean lens with non-abrasive cleaning solution.
2. Do NOT open fixture to clean the LED. Do NOT touch the LED.

Note: These instructions do not cover all details or variation in equipment, nor do they provide for every possible situation during installation, operation or maintenance.

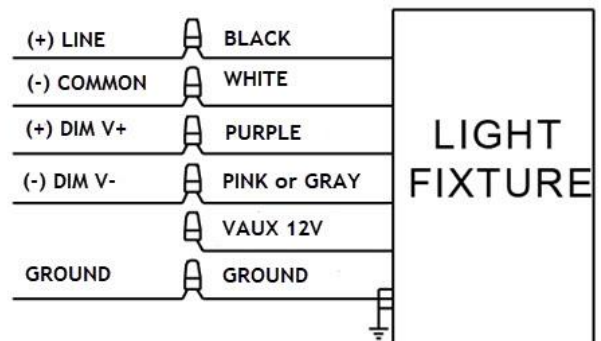
### ATTENTION:

- Please check if there is any damage during shipping. If so, please contact the manufacturer right away.
- Please read the installation guide carefully to check whether all the accessories are complete. After confirmation, install the fixture according to the installation steps.

### 0-10V DIMMABLE WIRING:

Universal voltage driver permits operation at 120V through 277V, 50/60Hz. For 0-10V dimming, follow the wiring instructions in diagram picture.

1. Connect the BLACK fixture lead to the (+) LINE supply lead.
2. Connect the WHITE fixture lead to the (-) COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.
4. Do NOT connect the GROUND of the dimming fixture to the output.
5. Connect the PURPLE fixture lead to the (V+) DIM lead.
6. Connect the PINK fixture lead to the (V-) DIM lead.
7. Please cap the DC+ RED and DC- BLACK when not using an emergency back-up battery.



**Please note:** This fixture cannot be connected to a dimming device when it's equipped with a motion sensor.

## WATTAGE ADJUSTABLE TABLE SWITCH SETTING:

(Only for models with wattage adjustable functions.)

1. Remove the  $\frac{3}{4}$  plug on the back of the fixture with a screwdriver. (Fig. 1)
2. Slide the toggle switch to select the desired Wattage and Color Temperature. Reinstall the plug and tighten it completely.

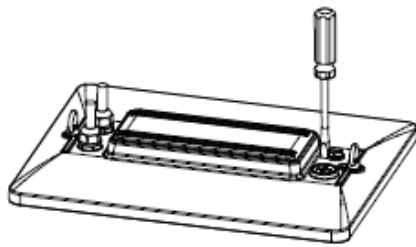


Figure 1

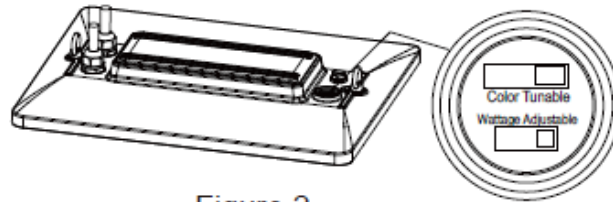


Figure 2

## MOUNTING:

### HANGING: (Fig. 3)

1. Attach the S hook of the chain or safety rope to the ring of the fixture.
2. Attach the other end of the chain or safety rope to the ceiling hook or cross bar.
3. After fixed, choose a suitable waterproof junction box and make the connections according to the local standards and codes.

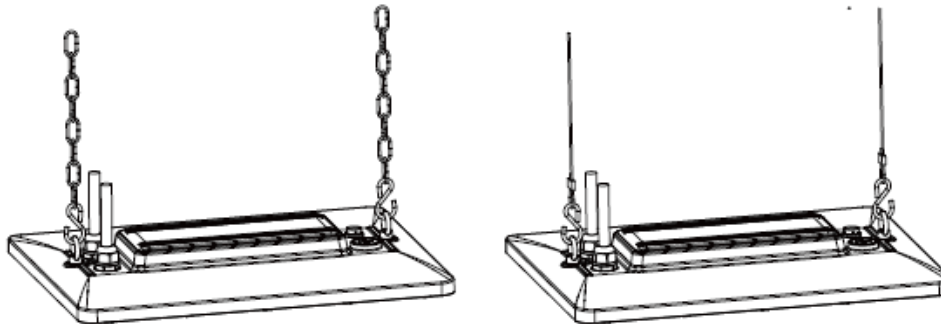


Figure 3

### SURFACE MOUNTING:

1. Mark with a pen or sharp tool on the mounting surface area and drill. (Fig. 4)
2. Fix the screws into the holes with a hammer. (Fig. 5)
3. Align the bracket hole with the screw hole (Fig. 6) and push the fixture to one side (Fig. 7) and then tighten the nuts on the expansion screws with a wrench.
4. After installing, connect the wires of the fixture to the main according to local wiring rules with a suitable waterproof junction box. Ensure the connection is stable and make good protection on the connection. By adjusting the brackets screws, users can adjust 60° to the left or the right. (Fig. 8)

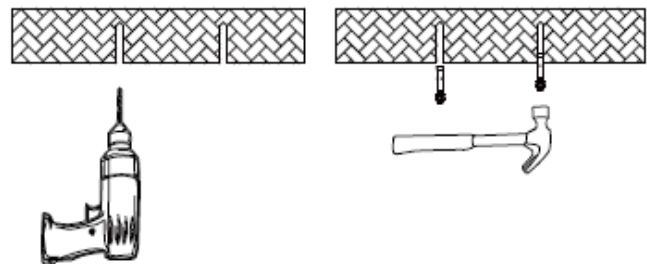
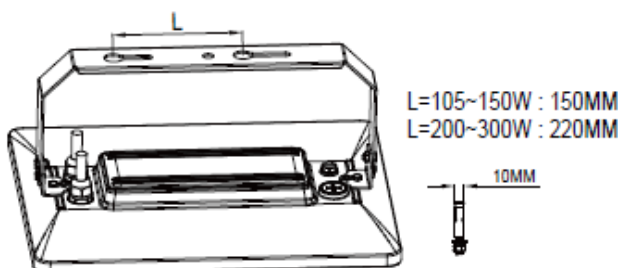


Figure 4

Figure 5

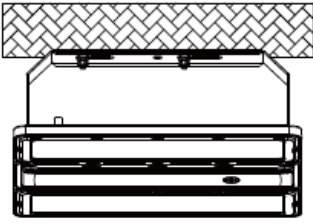


Figure 6

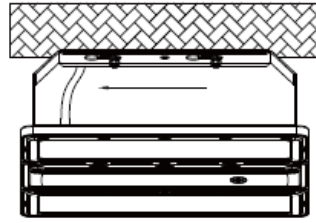


Figure 7

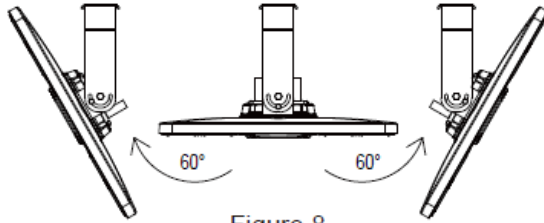


Figure 8

**Extra Accessory: Wire Guard (purchased separately)** (Fig. 9 and Fig. 10)

1. Remove the screw hole plugs on the lamp.
2. Place the wire guard on the lamp and fix it with screws.



Figure 9



Figure 10

**Extra Accessory: Motion Sensor/PIR Sensor:** (Fig. 11, Fig. 12 and Fig. 13)

1. Use a screwdriver to remove the 1/2 plug from the sensor.
2. Twist-lock the sensor to the base to make it work properly. Use a remote control to adjust the working mode as per demand.

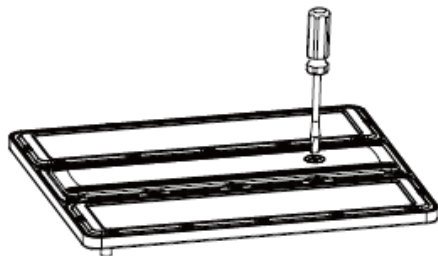


Figure 11

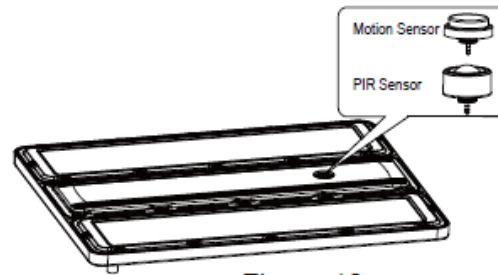


Figure 12

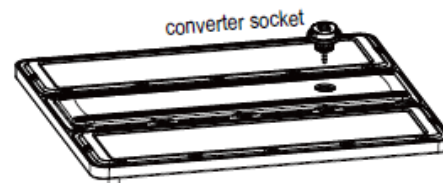


Figure 13

## Extra Accessory: Emergency Back-up Battery (Fig. 14 and Fig. 15)

1. The emergency back-up battery can be suspended with the fixture. A separate LED circuit is designed for them.
2. Choose a suitable waterproof junction box and make the connections according to the local standards and codes.
3. If the fixture uses a bracket mounting, mount the emergency back-up battery to the ceiling by hook.
4. Mount the fixture close to the emergency back-up battery. Do NOT let the output cord between the battery and the fixture exceed 50 cm.

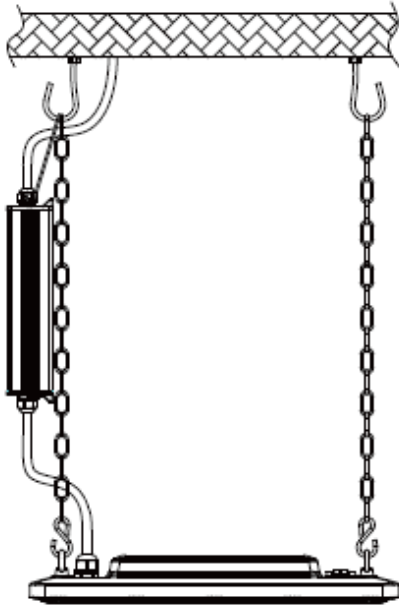


Figure 14

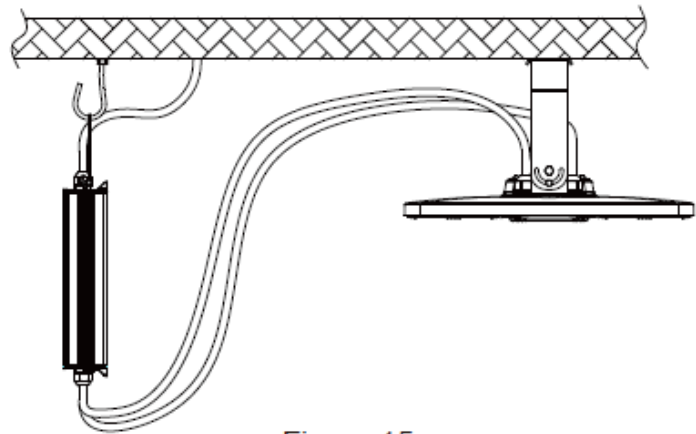


Figure 15