

---

## INSTALLATION INSTRUCTIONS

---

### IMPORTANT SAFEGUARDS

#### Read & Follow All Safety Instructions

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

1. Disconnect power before performing work on electrical equipment.
2. Do not mount near gas or electric heaters.
3. Equipment should be mounted in locations and at heights where it will not be subjected to tampering.
4. The use of accessory equipment not recommended by Beghelli Inc., may cause an unsafe condition, and will void the unit's warranty.
5. Do not use this equipment for other than its intended purpose.
6. Servicing of this equipment should be performed by a qualified service personnel.
7. Allow battery to charge for 24 hours before first use.
8. Important: To weather-proof your fixture, be sure to seal all holes in housing (mounting, conduit, plugs, etc.) with silicone sealant. Apply sealant across the top edge to prevent water from reaching the back of the housing.
9. DO NOT install in unstable, loose or breakable surfaces.
10. DO NOT let objects impact or exert force on the surface of the fixture.

#### SAVE THESE INSTRUCTIONS!

---

#### MAINTENANCE

Battery will have to recharge if the product is kept in stock for over 9 months. For details, refer to the manual titled "**Beghelli Battery Maintenance Guide**". We recommend that the equipment be tested regularly in accordance with local codes. Replace the batteries as needed if the discharge time is less than 90 minutes.

#### TESTING EMERGENCY OPERATION

Press the test button on bottom face of the fixture. The fixture will turn on and the LED indicator will turn off. When releasing the test switch, the LED indicator will turn on and the fixture will turn off.

#### TROUBLE SHOOTING GUIDE

If LED light or LED indicator does not illuminate, check the following:

1. Check AC supply - verify that unit has 24 hours AC supply.
2. Unit is shorted or battery is not connected.
3. Discharge battery, then permit unit to charge for 24 hours before re-test.
4. If above trouble shooting hints do not solve your problem, contact factory for assistance.

#### LUMINAIRE ON / OFF CONTROL FUNCTION

There are two kinds of ON/OFF control functions for the luminaire at normal supply:

1. Standard (default) control: luminaire on/off is controlled by photocontrol for "dusk-to-dawn" operation. If ambient illumination is <10 lux the luminaire will turn on automatically, if illumination is >30 lux, the luminaire will turn off.  
Photocontrol can be disabled and converted to wall switch control: Refer to "Wall Switch Connection" (Fig 5).
2. PIR option control: luminaire is controlled by both PIR and photocontrol. If ambient illumination is <10 lux **AND** the PIR sensor detects movement, the luminaire will turn on and stay on 10 minutes after movement is no longer detected. If the PIR sensor does not detect movement, the luminaire will stay off. If ambient illumination is >30 lux, the luminaire will stay off (regardless of any movement).

## WALL MOUNTING INSTRUCTIONS (Max. recommended mounting height 15 ft)

### Step One: Open Fixture

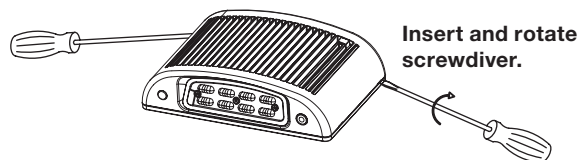


FIG. 1

### Step Two: Prepare Backplate

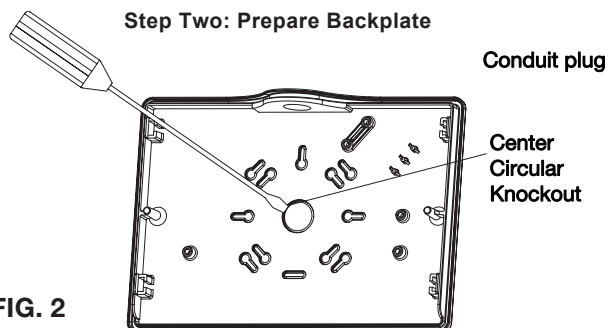


FIG. 2

1. Open fixture per Fig 1.
2. Prepare backplate for wiring and mounting per Fig 2:  
**For Back Power Feed:** Remove appropriate knockouts on back plate for mounting, including center knockout hole  
**For Conduit Feed:** Remove NPT 1/2" pipe plug from top of unit
3. **For Back Power Feed:** Feed AC wires through the center hole. Then secure the backplate to the waterproof J-box with provided screws.  
**For conduit feed:** Secure backplate on conduit and feed wires into unit.
4. Connect the unit wires to building's wires using the wire nuts provided. Connect the white wire to neutral, connect the black wire to hot lead (120-277V) per Fig 4. Then feed the wires and wire nuts back into J-box for back power feed (Fig 3).
5. Plug battery male connector into battery female connector on LED driver.
6. Connect the wires for the heater pad (see instructions for heater pad).
7. Snap the front cover on the backplate.
8. Restore power and press test button, fixture will turn on.

Black 120-277VAC  
 White NEUTRAL  
 Green Ground

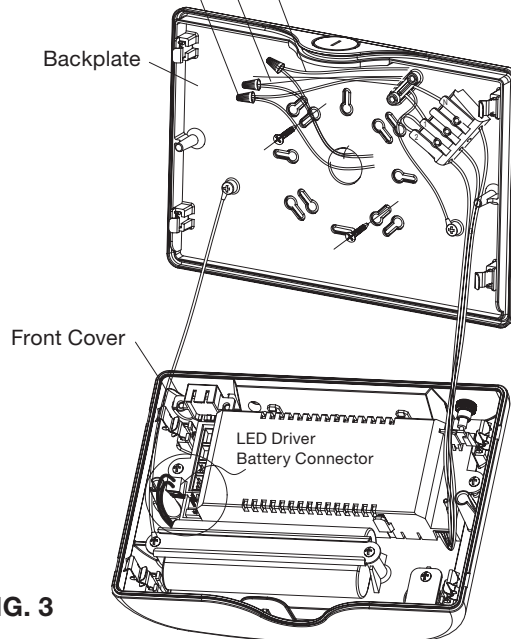


FIG. 3

### WIRING DIAGRAM

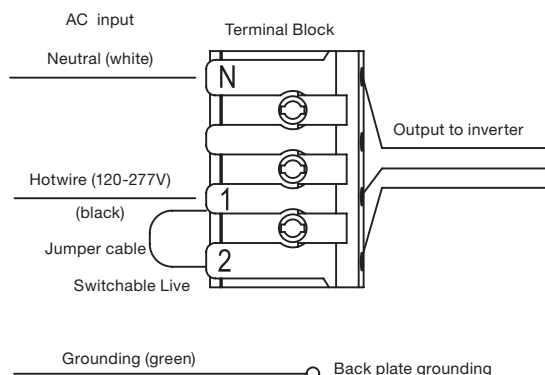
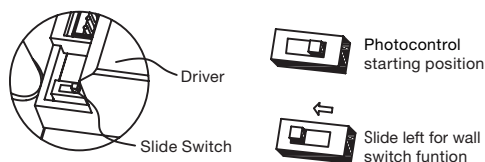


FIG. 4

### WALL SWITCH CONNECTION

1. Toggle switch to the left to disable photocontrol function.



2. Remove jumper cable and connect wall switch on terminals 1 and 2. If jumper cable is left on terminal block, the luminaire will always turn on with normal supply.

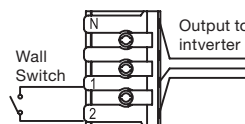
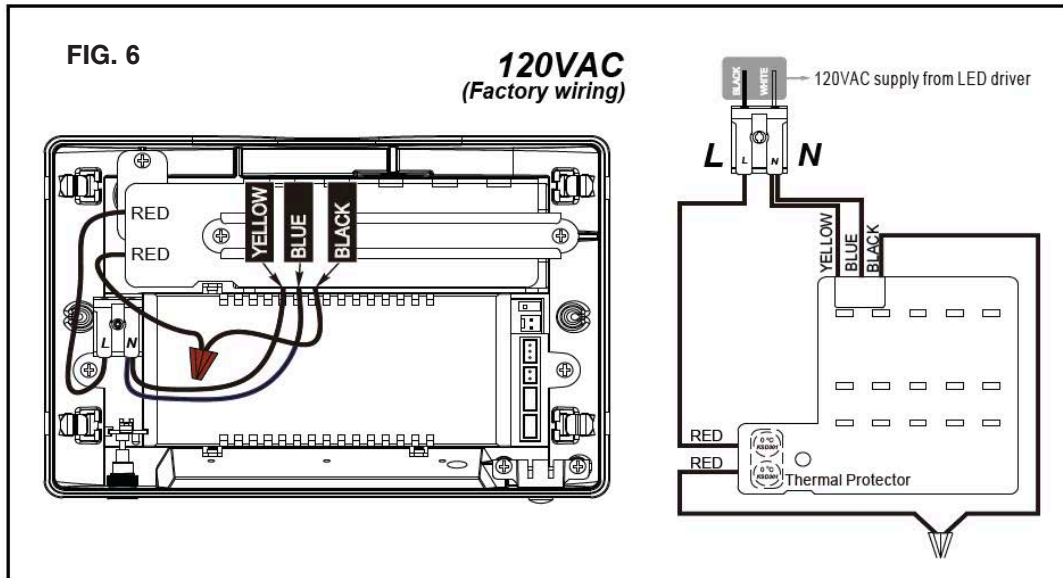


FIG. 5

## HEATER WIRING INSTRUCTIONS

MURO fixture is factory-wired for 120VAC input for heater, no change or rewiring is required. (See Fig.

6)



For 277VAC heater pad, connect red to blue wire and cap black wire. Refer to 277V wiring diagram. (Fig. 7)

