

INSTALLATION INSTRUCTION MANUAL

LED GARDEN LIGHT, 120-277VAC&277V-480VAC

Rev A March 2025

1. Introduction

- An internal power-factor-corrected switch-mode supply allows it to be used from any nominal 120-277V, 277V-480V, 50~60Hz AC supply without any variation in light output.
- Suitable for use in the following locations:
 - Wet Locations

Note: Save these instructions for future reference.

2. Installation

Warning:

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

Warning:

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.

Warning:

To avoid explosion:

- Make sure the supply voltage is the same as the rated luminaire voltage.
- Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- Keep lens tightly closed when in operation.

For supply connections use wire rated for at least 75°C

POWER ADJUSTMENT

Follow instructions below to change Fixture Color Temperature(CCT) or Power(W) , Optics (T3/T5) from the factory settings.

Factory Settings: (CCT)4000K(5000-4000-3000), Rated power: 120W (120-100-80-60), Optical type III (T3)

1. Loosen the screw to open the top cover as shown in Fig1.
2. Adjust the CCT and Power, Optical type by sliding the respective switch to the desired value as shown in Fig.2.
3. Close the top cover lock screw.

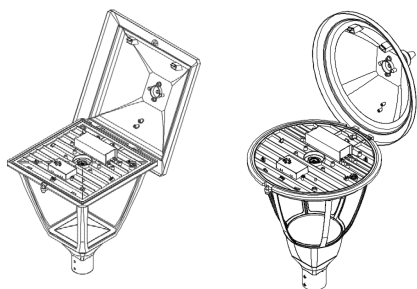


Fig.1

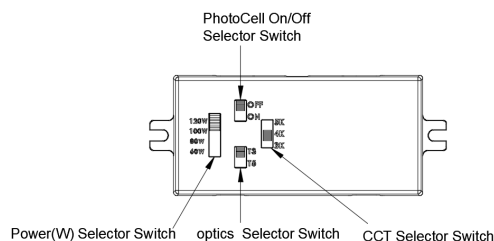


Fig. 2

Installation Step:

Pole MOUNT

1. Feed supply wire from the pole to connect to the Arm. Make appropriate wire connections per NEC in an approved enclosure (Fig.3. and Fig.20.)
2. Install the fixture on the light pole and tighten 2 screws, as shown in Fig.4.
3. If the pole is 3 "or 4", please add PAT3 or PAT4, as shown in Fig.5.

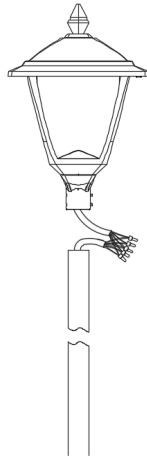


Fig.3

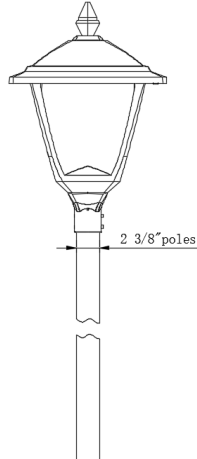


Fig.4

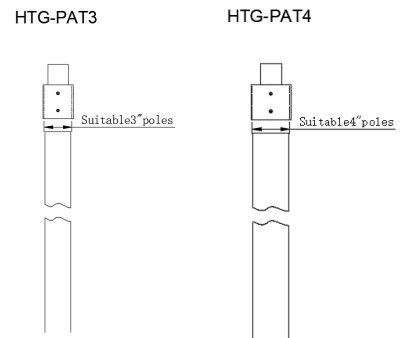


Fig.5

Pendant MOUNT

1. Drill holes in the pole according to the diagram, as shown in Fig.6.
2. Feed supply wire from the pole to connect to the Arm. Make appropriate wire connections per NEC in an approved enclosure (Fig.7. and Fig.20.)
3. Install the fixture on the light pole and tighten 2 screws, as shown in Fig.8.
(2PCS of screws should be screwed into the hole drilled by the pole to prevent screws from slipping out)

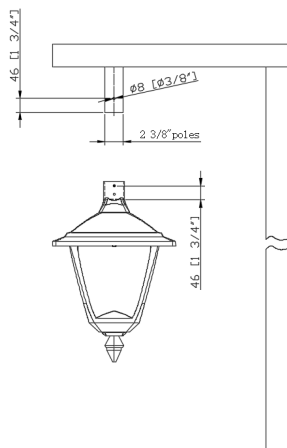


Fig.6

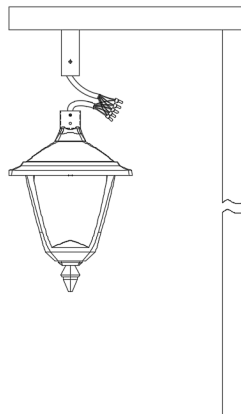


Fig.7

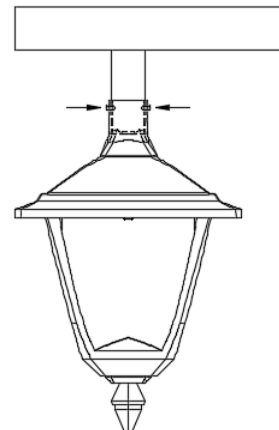


Fig.8

Pendant MOUNT (Chain)

1. Prepare the chain and suspension of the appropriate length to ensure the load capacity of 100 lbs. (The factory does not supply this part)
2. Thread the hook through the chain and hang it into the fixture hole
3. Feed supply wire from the pole to connect to the Arm. Make appropriate wire connections per NEC in an approved enclosure (Fig. 11. and Fig.20.)

(This installation method is suitable for indoor environments)

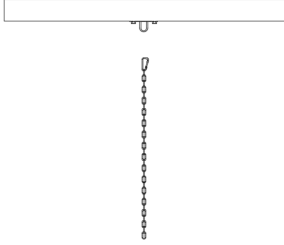


Fig.9

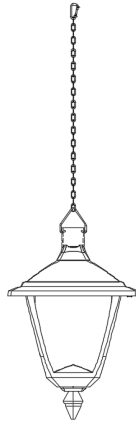


Fig.10

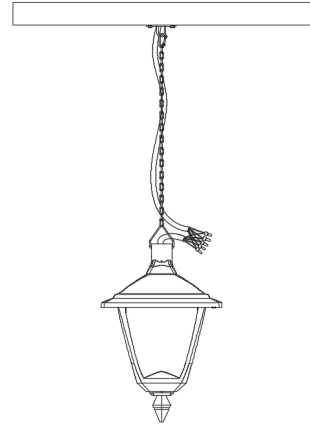


Fig.11

WALL MOUNT

1. Separate Wall Mount Cover from Wall Mount Box ,
Mount the Fixture onto the Wall Mount Cover, as shown in Fig.12
2. Orient Wall Mount Box so that "UP" Arrow is facing up, as shown in Fig.13
3. Secure Wall Mount Box to a sturdy wall. Make sure Wall Mount Box Gasket is in place. Use appropriate mounting hardware such as lag bolts and anchors with washers (not provided) suitable for the mounting surface.
4. Silicone around the edge of the Wall Mount Box Gasket and/or Junction Box.
5. Bring Fixture up to the Wall Mount Box and slide the stainless-steel Tether from inside the Wall Mount Cover into the Keyhole Slot (Fig. 13) for hands free wiring
6. Feed supply wires through Wall Mount Box and wire the Fixture using suitable wire connectors.
7. Check that the Wall Mount Cover Gasket is secure between the Wall Mount Box and Wall Mount Cover. Secure the Wall Mount Box to Wall Mount Cover using (4) Set Screws at D (provided). as shown in Fig.14

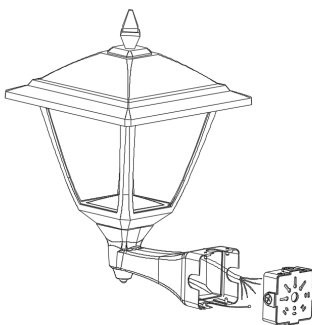


Fig.12

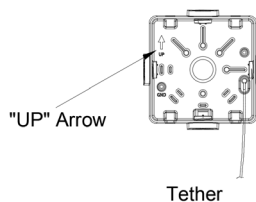


Fig.13

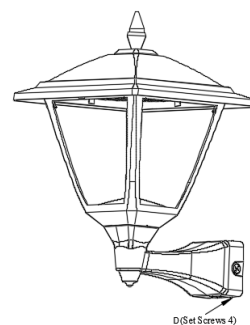


Fig.14

LENS Installation

1. Loosen the screw to open the Light source module, as shown in Fig15.
2. Insert lens into light frame card slot, as shown in Fig16.
3. Close the Light source module lock screw, as shown in Fig17.
4. LENS comes with 4 effects to choose from: Clear Lens/ Prismatic lens/ Prismatic lens/ House Side Shield

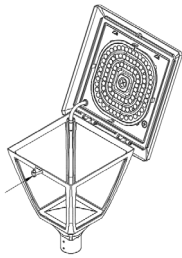


Fig.15

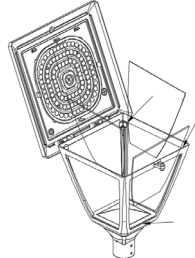


Fig.16

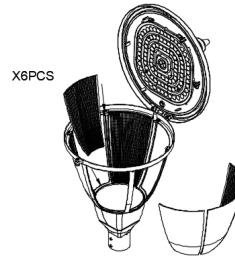


Fig.17

Finials CHANGEABLE

1. Remove the original finials, as shown in Fig18.
2. Select finials (FN1/FN2/FN3/FN4) to install on the lamp to ensure that it is not loose, as shown in Fig19.



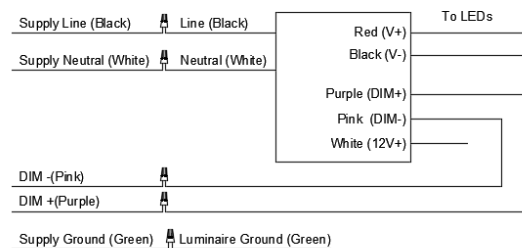
Fig.18



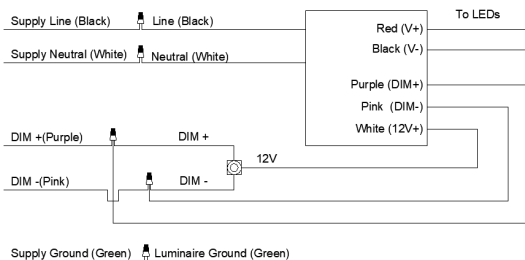
Fig.19

Wiring Diagrams

Without photocell



With Motion sensor



With photocell (and DIM 7pin)

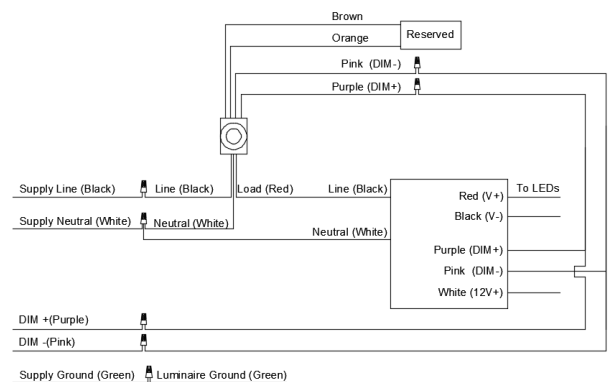


Fig.20

After installation, please

- check whether the lighting fixture is firmly fixed.
- check whether wires are connected correctly.
- At last, turn on the power, and check if the lighting fixture works well. If not, please turn off the power and contact with local dealer.