



PLG, LLC

Installation Instructions

Outdoor Roadway & Area Light LED Fixture PLG-STR Series



READ AND FOLLOW THESE INSTRUCTIONS IN THEIR ENTIRETY BEFORE INSTALLATION.



RISK OF ELECTRICAL SHOCK – LED Fixture can only be installed by a licensed electrical contractor with qualified electricians.



RISK OF ELECTRICAL SHOCK - Ensure power is disconnected before installation or servicing



RISK OF ELECTRICAL SHOCK – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.



RISK OF DAMAGE & INJURY – This unit may fall if it is not installed properly



RISK OF INJURY – Wear properly rated safety glasses and work gloves during installation



RISK OF DAMAGE – Do not touch the Lens/LED Modules. Handle LED Board by edge of aluminum



WARNING – Do not make or alter any open holes in an enclosure of wiring or electrical components during installation

Step 1 – Inspect Materials

Open shipping materials and visually inspect for damage. This kit includes:

- 1 LED Board, assembled (pre-installed into housing)
- 1 Fixture housing (with driver and components)
- 1 Fixture Mounting hardware (attached to fixture)
- 1 Installation Instructions



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Tools Needed for installation:

- Wire Strippers
- Torque Wrench, with Allen Fittings
- Level

Step 2 – Remove Existing Fixture

- a) Disconnect power to pole or fixture
- b) Disconnect the electrical lines feeding the existing fixture
- c) Carefully remove existing fixture from pole or mounting hardware



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Step 3 – Install the LED Fixture



3 a) a. - Disconnect quick connection first from access panel



3 b) – Feed wires through hole into fixture



3 c) – Mounting bolts.
DO NOT OVER
TIGHTEN

(Step 3 continued on next page)

Step 3 – Install the LED Fixture

- a) Remove the access panel from the top of the fixture and disconnect the wires leading from the access panel to the fixture.
 - a. Make sure to disconnect the quick connect fitting with the black and white wire leads first, then the red lead.
- b) Feed the wires through the mounting bracket into the through hole into the LED Fixture.
 - a. Ensure the correct size mounting hardware is correct size for Pole OD.
- c) Attach fixture to pole and secure in place.
 - a. Maximum Torque of mounting bolts is 8 lbs/foot. **DO NOT OVER TIGHTEN.**
- d) Level fixture and ensure the fixture is properly mounted before wiring fixture



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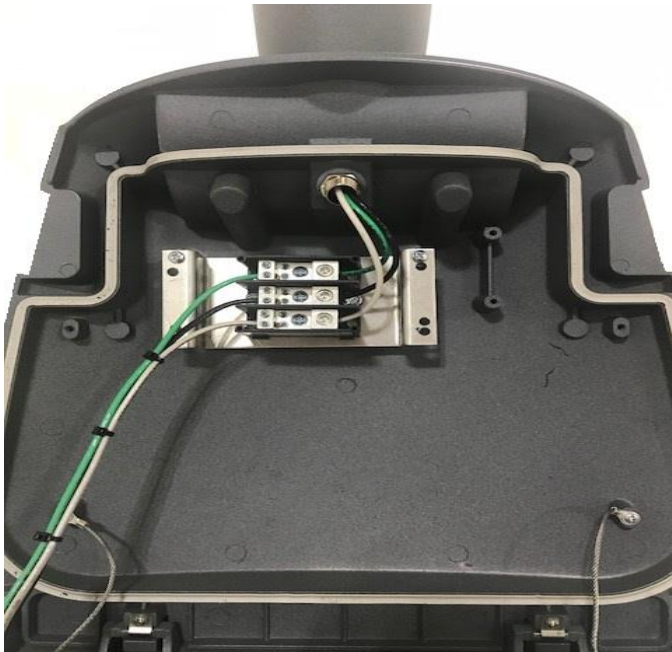
RISK OF DAMAGE – Do not touch the Lens/LED Modules. Handle LED Board by edge of aluminum



RISK OF DAMAGE & INJURY – Do not over torque the mounting bolts. This may damage the fixture housing, causing it to fall.

Step 4– Electrical Connection

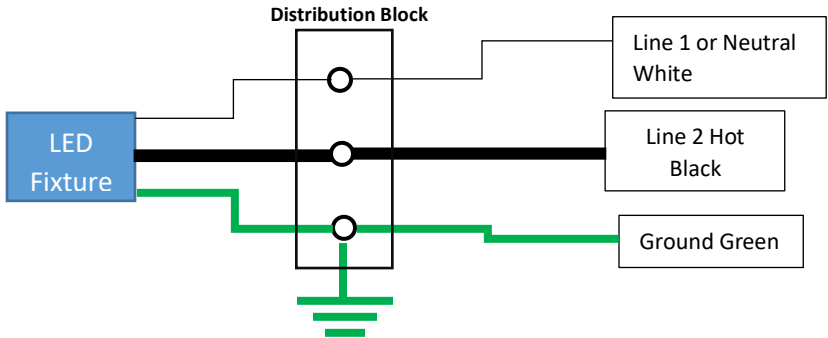
- a) Confirm power is disconnected from line side
- b) Ensure that line voltage is within rating of driver
- c) Connect the Ground Lead to the existing fixture distribution block matching the green ground of the fixture. Tighten to torque spec on distribution block.
- d) Connect the Line 1 lead of Line side to fixture distribution block matching black wire of the fixture and tighten.
- e) Connect the Line 2/Neutral lead of Line side to fixture distribution block matching white wire of the fixture and tighten.



(continue electrical connections on next page)

Step 4– Electrical Connection

- a) Reconnect the wires from the access panel to the fixture housing in the opposite order they were disconnected.
- b) Secure the access panel to the fixture housing, and re-energize.



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RISK OF ELECTRICAL SHOCK – Risk of fire electric shock. Install this fixture only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the fixture does not exceed the input rating of the luminaire.