



INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS. READ ALL INSTRUCTIONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION! Please read all instructions before installation.

- Keep these instructions for future reference.
- Must be installed by a qualified electrician in accordance with national and local standards. Designplan is not responsible for fixtures installed without regard to these standards.
- The main power connection must be in accordance with local electrical codes.
- Unauthorized alterations or tampering of product voids warranty.
- Suitable for OUTDOOR applications.



IP65

ATTENTION: For Wall/Ceiling - It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface to satisfy wet label requirements. Contractor **MUST** use gel-filled wire nuts.

Maintenance

Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device.
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components such as the ballast, driver, washers and screws must not show clear signs of oxidation or rust. Clear traces of rust and oxidation will indicate the presence of water inside the device.
- In the case of damage, the components must be replaced by original components or spare parts.

INSTALLATION INSTRUCTIONS

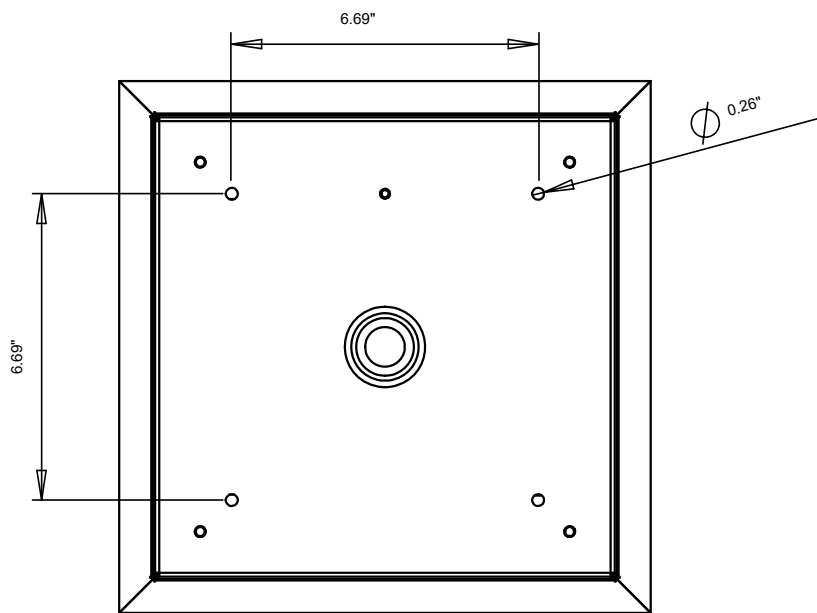
The lighting fixture is shipped fully assembled.

FIXTURE INSTALLATION

1. Remove the lens assembly by removing the four retaining screws.
2. Remove the LED tray from the housing.
3. It is recommended that the contractor use the four mounting holes located on the back of the fixture housing to secure the fixture to the mounting surface.
4. The contractor is responsible for selecting and providing appropriate anchors and fasteners suitable for the specific installation conditions.
5. Position the housing over the junction box (if applicable) and mark the mounting hole locations on the installation surface.
6. Route the supply wiring through the rear wire entry hole or through any provided conduit entry points.
7. Secure the fixture housing to the mounting surface.
8. Make all electrical connections using the terminal block inside the housing:
 - o Connect the **green fixture wire** to **ground**.
 - o Connect the **white building supply wire** to the **white fixture wire (neutral)**.
 - o Connect the **black building supply wire** to the **black fixture wire (line/hot)**.
9. For **0-10V dimming applications**:
 - o **Red wire** = Positive (+)
 - o **Orange wire** = Negative (-)

If dimming control is not required, cap and isolate the dimming wires.

10. Reinstall and secure the LED tray inside of the fixture housing.
11. Position the lens assembly onto the housing and reattach it using the four screws removed earlier.
12. To maintain the fixture's wet-location rating, the contractor must apply a continuous bead of weatherproof caulk around the back perimeter of the fixture where it contacts the mounting surface.



Mounting holes Location

MAINTENANCE INSTRUCTIONS

Preventive maintenance must be performed annually on all lighting fixtures, regardless of their application or installation environment. Maintenance should include the following inspections and procedures:

INSPECTION CHECKLIST

- Inspect the glass or plastic lens for cracks, damage, or deterioration. Replace the lens if any defects are found.
- Verify that all gaskets and seals are intact and in good condition to prevent moisture intrusion.
- Inspect internal components, including:
 - o LED driver
 - o Internal wiring connections
 - o Mounting hardware and support screws

These components should be free from rust, oxidation, or corrosion.

- Evidence of rust or oxidation may indicate water infiltration within the fixture and should be addressed immediately.

REPLACEMENT of DAMAGED COMPONENTS

If any component is found to be damaged, corroded, or otherwise unserviceable, it must be replaced only with original manufacturer-approved components or equivalent replacement parts specified for the fixture.

IMPORTANT

Failure to properly maintain the fixture may compromise its performance, safety, and environmental ratings. Regular inspection and timely replacement of damaged components will help ensure reliable operation and maximize service life.