

- **Danger:** Always disconnect power before wiring, or maintenance. Fixture must be installed by a qualified electrician. Do not install in locations where water collects and/or stands for prolonged periods of time. Fixture must always be installed according to local and national electrical codes, rules & regulations. Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).
- **Warning:** The joint MUST be sealed between the mounting surface (e.g., wall, ground, ceiling, etc.) and the fixture with an appropriate sealing / caulking compound to provide a watertight seal. Seal all conduit opening(s) and opening(s) from water entry. Before service ensure fixture is cool to touch. Always ensure that all gaskets and sealing surfaces are free of dirt and debris.

LED fixture(s), LED driver(s) and LED electrical components are more precise electrically than standard non LED products (e.g. Incandescent, Compact Fluorescent, H.I.D., etc.). Please follow the following guidelines/requirements when installing LED fixture(s)/LED driver(s).

1. Install LED fixture(s) and/or LED driver(s) only on their own circuit. Do not mix any other non LED products/fixtures (e.g., Incandescent, Compact Fluorescent, H.I.D., etc.) with LED fixture(s)/LED driver(s) on a single circuit.
2. Do not use any other electrical equipment (e.g., surge protectors, photocells, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).
3. Use GFCI's (by others) on each circuit (per installation instructions) appropriate for the installation.
4. Install remote surge protector(s) (by others, goes on the circuit with nothing between the surge protector and the LED fixture(s)/LED driver(s)), if the fixture is not already installed with a surge protector, to help remove power surges that may harm LED fixture(s), appropriate for the installation. Periodically check and make sure that your remote surge protector(s) are in good working order.



FIGURE A FIXTURE INSTALLATION (WS700S SHOWN)

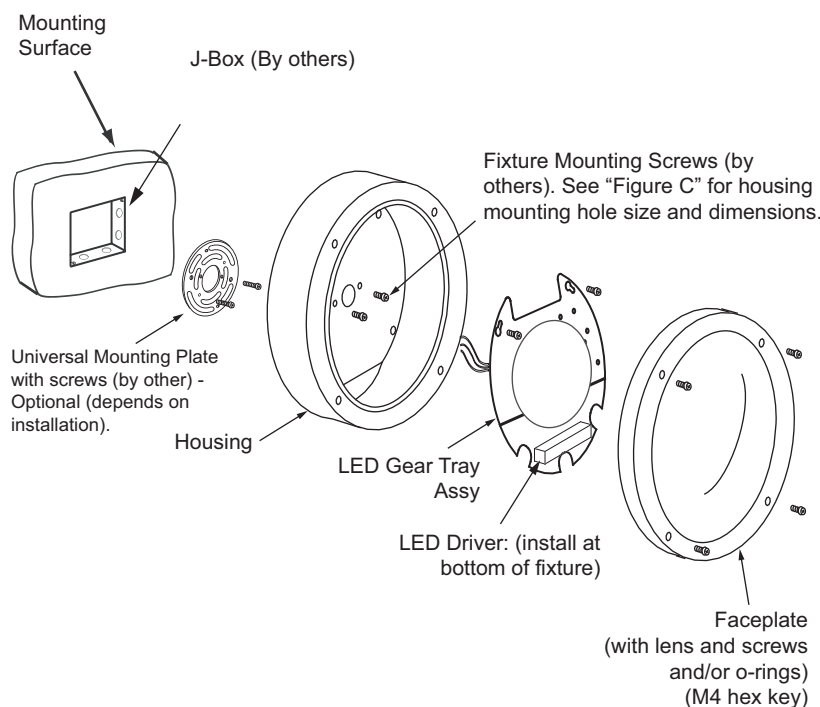


Figure A

Fixture installation:

1. Make sure supply wiring is in place before mounting fixture.
2. Remove Faceplate, Lens and/or Gear Tray (as needed) to expose mounting holes on housing (see left, FIGURE A).
3. Use luminaire housing to mark mounting location on mounting surface as required. Make sure LED driver is at bottom of fixture.
4. Connect the supply wiring to the fixture. See "Wiring" instructions below.
5. Mount luminaire housing securely on mounting surface or use Universal Mounting Plate (by others) to mount luminaire to wall (see left Figure A, Figure B and Figure C).
6. Replace Faceplate, Lens and/or Gear Tray (as needed).
7. Make sure faceplate fits completely on housing and screws are tightened securely and evenly to prevent water entry. Do not over tighten screws.
8. Seal all holes/openings from water entry to wires, and/or fixture.

LED Gear Tray Installation / Replacement:

1. Warning: Always disconnect power before wiring, or maintenance.
2. Remove faceplate and Lens by loosening screws on the front of the fixture.
3. Check the inside of the fixture for the proper LED Gear Tray Assy, label and/or watts before installing LED Gear Tray Assy in fixture. If specified, do not use any other LED Gear Tray Assy than specified within the fixture.
4. To remove LED Gear Tray assembly (Figure A) from fixture disconnect wires from power to LED driver, and remove the 2 screws holding the LED Gear Tray assembly to the housing and replace with new LED Gear Tray assembly.
5. To Replace Faceplate (with screws and/or o-rings) and Lens reverse the process in step 2 above and tighten faceplate screws securely to seal out water, do not over tighten screws.

Wiring:

WARNING: Check fixture for input voltage before connecting power to fixture.

1. Connect ground wire (green or bare copper/aluminum) from the supply circuit to the ground wire (green or bare copper) /screw/connector from the luminaire.
2. Connect the neutral (common) wire from the power supply to the neutral wire from the luminaire.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the luminaire.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.
5. For Dimming wiring see Liton web site.

Figure B

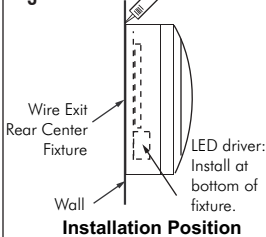
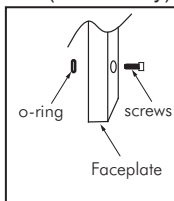
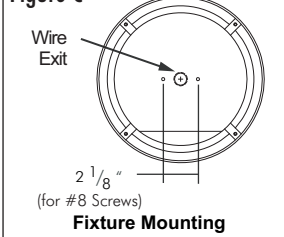


Figure C



Required Tools:
4 mm hex key

(Typical installation. Your installation may differ)