

CATALOG # : WD1472 and WD1473

• **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).

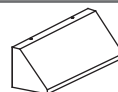
• **Warning:** The joint MUST be sealed between the mounting surface (e.g., wall, ground, ceiling, etc.) and the fixture with an appropriate sealing / caulking compound to provide a watertight seal. Seal all conduit opening(s) and opening(s) from water entry. Before service ensure fixture is cool to 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.



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FIXTURE INSTALLATION (For Wall Mount Only, Wet Location)

NOTE: Fixture may be installed with lens pointing down (as shown, see FIG. A) or pointing up.

1. Make sure supply wiring is in place before mounting fixture.
2. Housing Mounting Plate installs on to a wall over a 3-1/2" octagonal j-box (See FIGURE A and C). Other j-boxes sizes of similar size may also work if they fit behind and is smaller than the Housing Mounting Plate. Check J-Box size with fixture. Make sure that mounting surface can support fixture before installing fixture on mounting surface.
3. Remove Housing Mounting Plate from Housing Faceplate (with lens) by loosening (4) M5 set screws (FIGURE A) with M2.5 Allen Hex key. Do not remove set screws from Housing Faceplate.
4. Disconnect the connector (FIGURE A below) between the LED driver and the red and black fixture wires in the Housing Faceplate (with lens). Do not pull on the red and black fixture wires in the Housing Faceplate (with lens).
5. Use existing holes in the Housing Mounting Plate and mark holes on mounting surface.
6. Connect the fixture wiring coming out from rear of Housing Mounting Plate to the supply wiring in the j-box. See "WIRING" fixture instructions at right.
7. Secure Housing Mounting Plate to mounting surface over a 3-1/2" Octagonal J-Box (by others, or similar size j-box if it fits behind and is smaller than the Housing Mounting Plate) with supplied hardware or other hardware (max. #8 screws, FIGURE A) and tighten securely. Do not over tighten screws.
8. Seal all around Housing Mounting Plate and wall and around all holes/openings from water entry to junction box, wires, and/or fixture (e.g., Mounting surface to Mounting Plate, etc.), (See FIGURE B).
9. Reconnect Connector from LED driver wires to fixture wires (red and black). Do not pull on (red and black) wires.
10. Mount Housing Faceplate (with lens) securely onto Housing Mounting Plate and secure with four (4) M5 set screws (supplied in housing faceplate) and tighten securely with M2.5 hex (allen) key. Do not over tighten screws.

RELAMPING

Return fixture to Liton for servicing/replacing LED. LED driver may be replaced in the field. To remove LED driver follow Fixture Installation instructions 3 and 4 (to remove Housing Faceplate) and 9 and 10 to replace Housing Faceplate on fixture.

WIRING

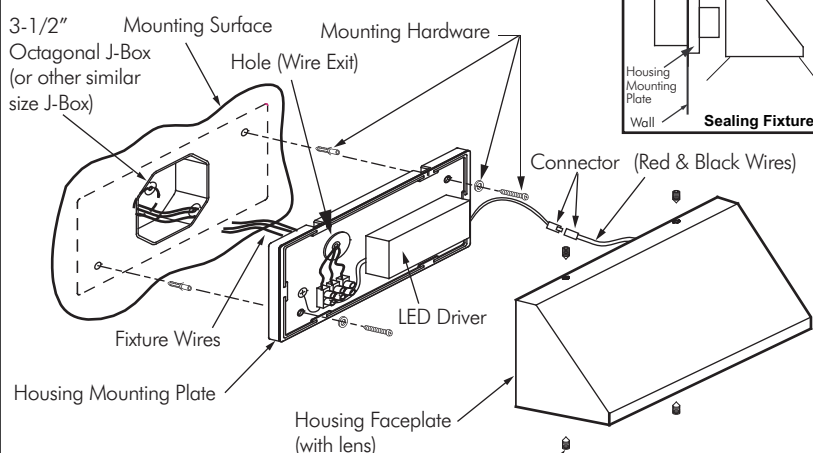
NOTE: Check fixture for input voltage before connecting power to fixture. Connect wiring in j-box. For dimming information (wiring diagrams, chart, etc.) see WD1472 (or WD1473) website page. For Emergency Back Up wiring see Emergency Back Up Wiring instructions.

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.

Wall Directional LUMINAIRE (WD1473 SHOWN, pointing downward)

Figure A



(Typical installation. Your installation may differ)

Four (4) M5 x 8mm L. set screws
(2.5mm hex key)

Required Tools:
2.5mm hex key

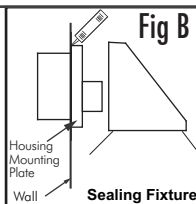


Fig B

FIXTURE POSITION ON WALL

(When fixture is pointing downward)

Fixture hole (wire exit) offset 1-17/32" Left side of fixture centered on wall.

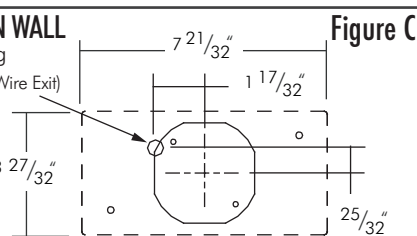


Figure C

Housing Mounting Plate - Rear View

(When fixture is pointing downward)

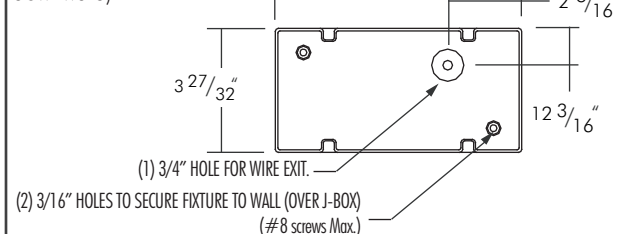


Figure D