

CATALOG # : LSLDR73/LSLDR00/LSLDQ73/LSLDQ00

SAVE THESE INSTRUCTIONS

Keep these instructions in a safe place for future use/reference.

Important: Please read and understand all instructions completely before installing this fixture.

WARNING: Fixture installation (and use) and all electrical connections must be in accordance with local and National Electrical Codes (N.E.C.) rules, regulations and standards. If you are unfamiliar with installing fixture(s), accessories and/or electrical wiring have a qualified licensed electrician install this fixture for you. Fixture should be installed by a qualified electrician.

WARNING: RISK OF SHOCK. House electric current can cause painful shock or serious injury.

WARNING: Always disconnect power before fixture installation, wiring, or maintenance.

WARNING: Before starting the wire connections, disconnect the power by turning off the circuit breaker or removing the fuse at the fuse panel. Turning the power off using the light switch is not sufficient to prevent electrical shock.

This luminaire must be connected with supply wire/conductors rated at 90°C. Most dwellings built before 1985 have supply wire rated at 60°C; consult a qualified electrician before installing.

WARNING: Before service insure fixture is cool to touch.

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

WARNING: Do not install any fixture or assembly (etc.) closer than 6" from any curtain, or similar combustible material.

• **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.

WARNING: RISK OF SHOCK. This fixture is suitable for dry and Wet locations (IP 65).

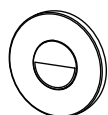
Please make sure the wire connection is waterproof.

After finishing every step, tighten the screws, have the fixture fixed, then connect the power supply.

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).

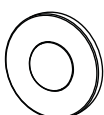
1. Install LED fixture(s)/LED driver(s) only on their own circuit. Do not mix any other products (Incandescent, Compact Fluorescent, H.I.D. products/fixtures, etc...) with LED fixture(s)/LED driver(s) on a single circuit.
2. Do not use any other electrical equipment (example: surge protector photocell, 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.

LSLDR73



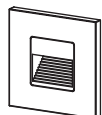
Round Glare-Free Louver

LSLDR00



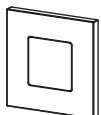
Round Open Lens

LSLDQ73



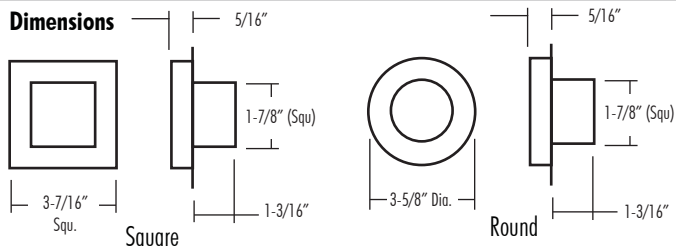
Square Louver

LSLDQ00

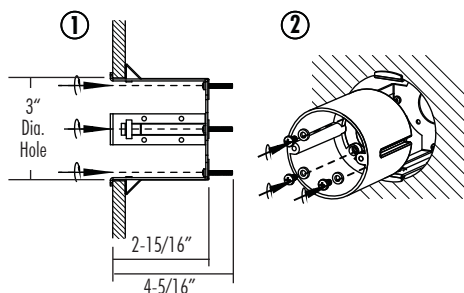


Square Open Lens

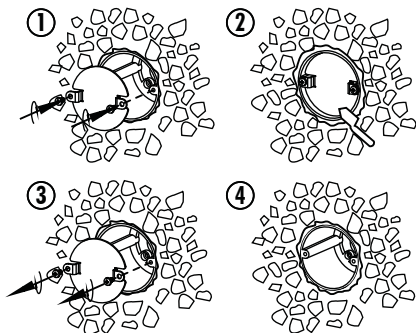
Dimensions



A-1 INSTALLATION (DRYWALL/PLYWOOD/OSB) USING LSLDR-BRKT.

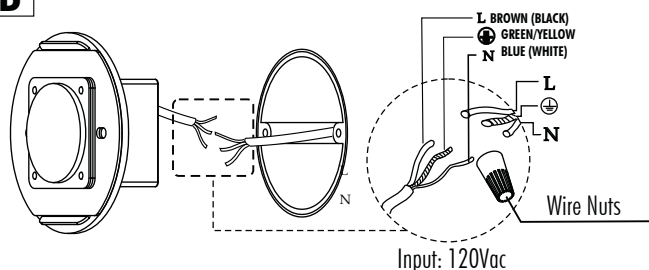


A-2 INSTALLATION (MORTAR)

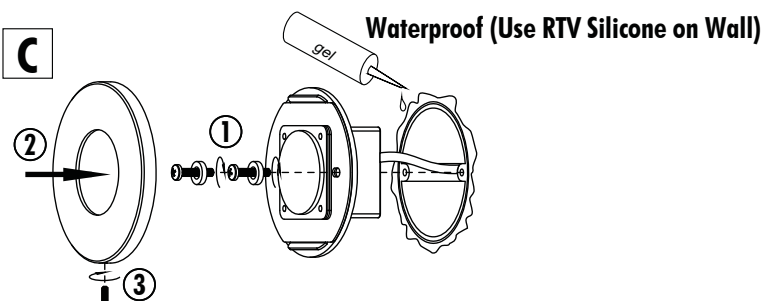


Wiring and Waterproof (RTV Silicone) faceplate to wall

B

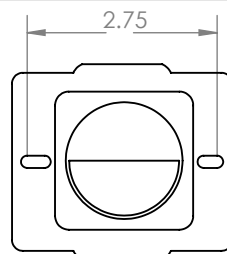
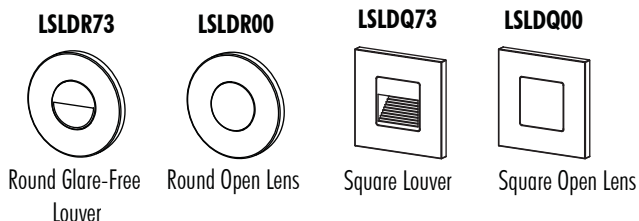


C

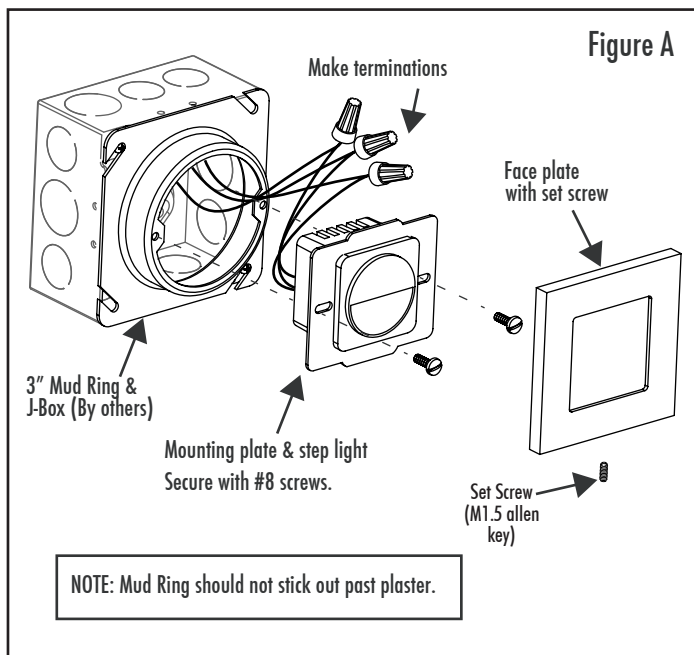


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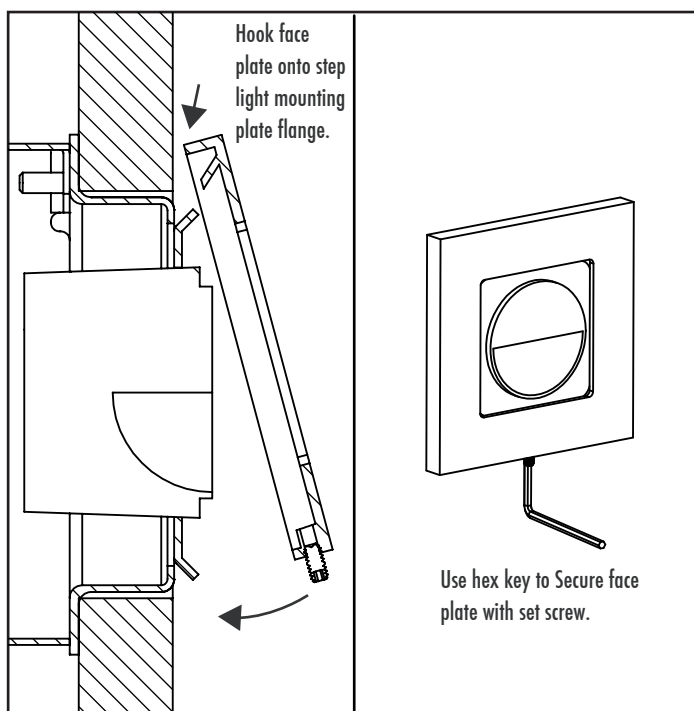


Note position of step light mounting holes



Fixture Installation

1. Make sure supply wiring is in place before mounting fixture.
2. Mounting Plate and step light mount directly to a 3" MUD RING (BY OTHERS). Mud ring must be installed with mounting holes in horizontal position for correct orientation.
3. Connect the supply wiring to the fixture, See "Wiring Fixture" instructions below.
4. Use two(2) holes described in mounting plate diagram to mount the mounting plate and step light to the j-box with supplied 8-32 flat head screws (see left, Figure A) and tighten securely.
5. Attach face plate to the mounting plate by aligning slots on the back of the face plate with the wing of the mounting plate.
6. Secure the face plate by tightening the locking screw with the supplied M1.5 Allen/hex key.



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 LCALD6 website page.

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 fixture.
2. Connect the neutral (common) wire from the power supply circuit to the neutral wire from the fixture.
3. Connect the main voltage supply wire (line/lead) from the power supply to the line (lead) wire from the fixture.
4. Secure connection using UL Listed wire nuts/connectors and then with UL Listed Electrical tape (by others), as required, appropriate for the connection.