RD-L8 Installation Instruction - Wall Mount

Installation should only be performed by a qualified electrician in accordance with the Canadian Electrical code and relevant local codes.

Fixture Installation

1. Ensure power is off before wiring
2. Drill holes in wall and secure powered side first. Use appropriate fasteners for the surface.
3. Ensure wall bracket is sealed to wall and/ or junction box
4. Attach RD-L8 fixture to arm and wall bracket
5. Position 2nd arm onto opposite end of RD-L8 fixture
6. Note: 2nd fixture can be powered from same or 2nd power supply in same enclosure
7. Secure wall bracket for 2nd arm to wall
8. Repeat for additional lengths of RD-L8

Note: The wall bracket is the cover of any certified junction box. The junction box can be surfaced mount or recessed into the wall

Power supply installation

1. Open power supply enclosure by removing screws on cover
2. Secure power supply enclosure to surface with appropriate fasteners
3. Power supply enclosure will have one or two power supplies. NOTE: each fixture is run on a dedicated power supply.
4. Use liquid tight flex conduit to run VDC wires from power supply to fixture, and to connect power supply to VAC mains.

Note: Power supply enclosure to be installed in dry/damp location (e.g. electrical room)

RD-L8 Installation Instructions - Wall Mount

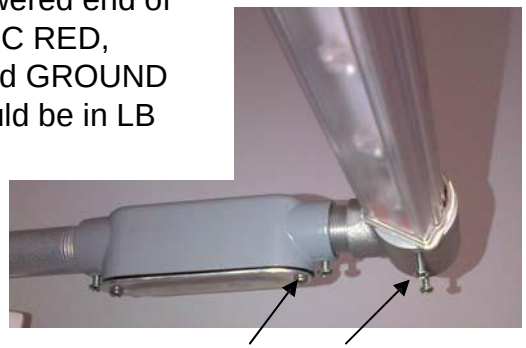
Step 1

Securely attach first wall bracket. NOTE: install “powered” wall bracket first

Drill hole through wall to run VDC power cable

Step 2

Attach powered end of fixture. VDC RED, WHITE and GROUND wires should be in LB connector



Set screws and LB cover should be face down

Step 3

Attach, 2nd end and secure wall bracket to the wall.

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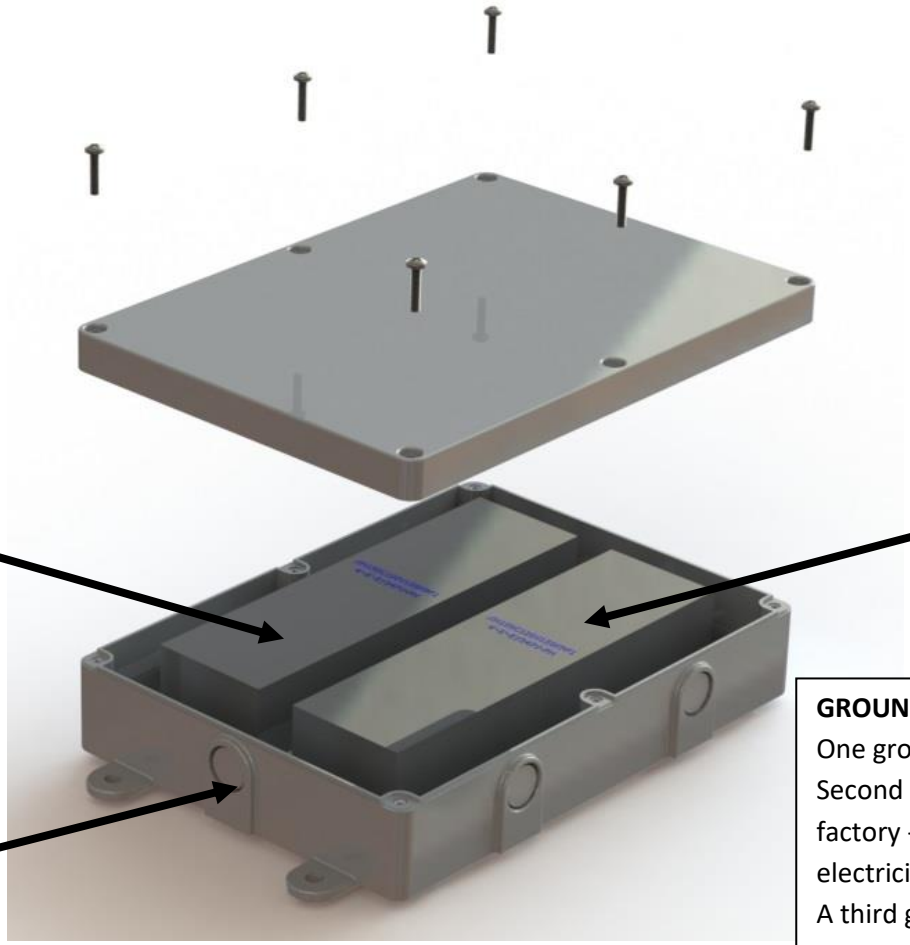
RD-L8 Installation Instructions - Wall Mount

Step 4



POWER SUPPLY #1

POWER SUPPLY #2

FLEXIBLE LIQUID TIGHT CONDUIT HOLE FOR VAC SUPPLY

NOTE: EACH FIXTURE CAN BE DRIVEN BY ITS OWN POWER SUPPLY

GROUNDING - IMPORTANT NOTE:
One ground on the fixture – installed by factory
Second ground inside the driver enclosure – installed by factory - will be connected with fixture ground by the electrician
A third ground in the driver enclosure goes to the line – connected by the electrician

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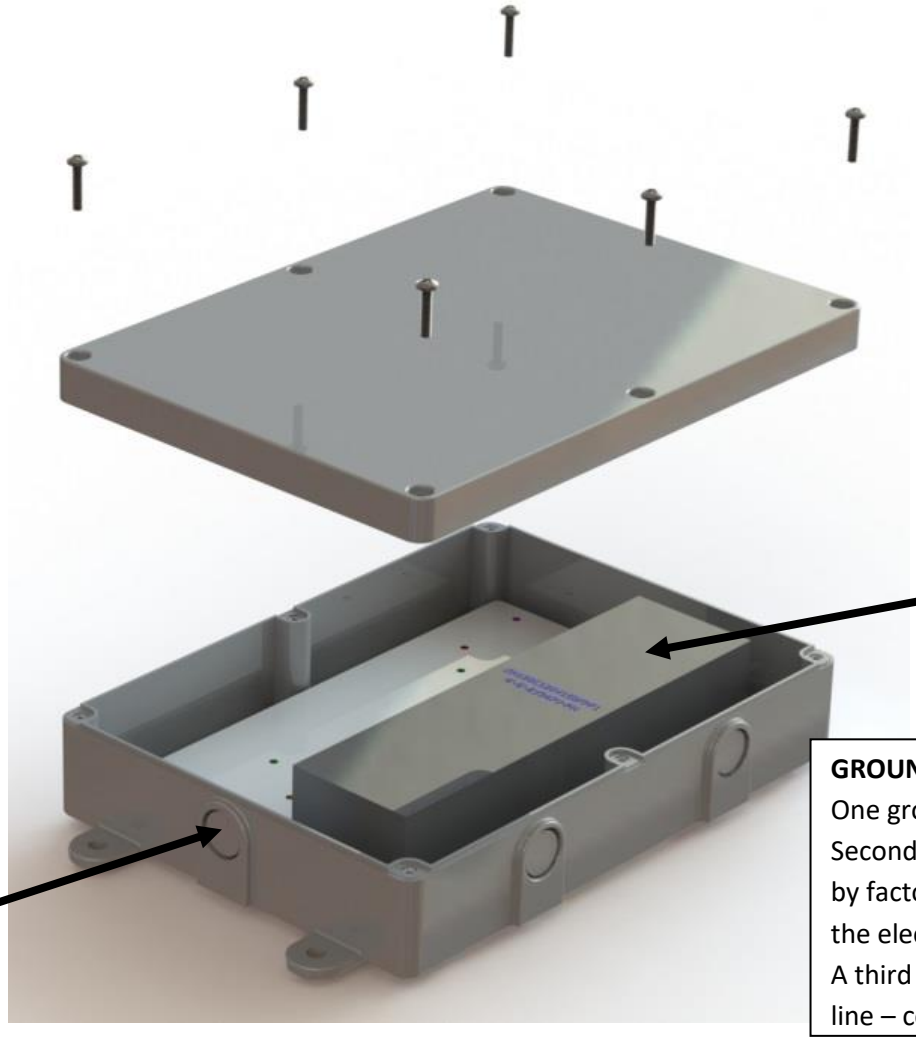
RD-L8 Installation Instructions - Wall Mount

Step 4



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POWER SUPPLY

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