



LITHONIA LIGHTING L7XR Downlighting Installation Guide

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LITHONIA LIGHTING L7XR Downlighting Installation Guide



SAVE THESE INSTRUCTIONS



IMPORTANT SAFETY INFORMATION

For your protection, read carefully before proceeding with installation. To be installed by a qualified electrician. Heavy duty gloves should be worn to protect hands from sharp edges. Protective eye wear should be worn to prevent injury to eyes.

1. Electric current can cause painful shock, serious injury, or death. For your safety, always remember the following:
 - Turn off the power
 - Ground the fixture to avoid potential electrical
 - Do not handle an energized
 - Check all electrical connections to be sure they are tight and
2. Specific safety information concerning
 - Match wattage of fixture and lamp
 - Do not remove or insert lamp when power is
 - Do not scratch glass or subject lamp to undue pressure as either may cause lamp

Protect operating lamp from direct contact with water

1. Make sure appropriate trim and rough-in are used. Match labels on both fixture and
2. Install and wire fixtures per all applicable national and local electrical
3. This product may be installed in either type IC or Non-IC



CAUTION: RISK OF FIRE

Most dwellings built before 1985 have supply wire rated 60°C. Consult a qualified electrician before installation.

Mount per all national and local codes

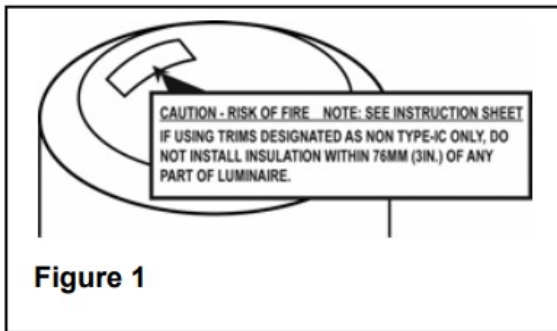
INSTALLATION

This unit can be installed in a TYPE IC or TYPE NON-IC installation:

TYPE IC: Where the rough-in section is in direct contact with insulation. Match trims listed on IC portion of the fixture label for IC installations. Remove the peel off label on top of the housing stating not to install insulation within 3 inches (76mm) of any side of the fixture (See Figure 1). L3R and L7XR only.

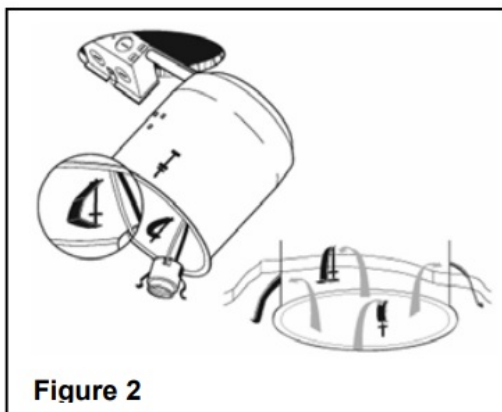
TYPE NON-IC: Where no insulation is placed over the top or within 3 inches (76mm) of the sides of the rough-in section. Match trims listed on the NON-IC portion of the fixture label for NON-IC installations.

This product is Air Tight and conforms to maximum air leak rate of less than 2.0 CFM as tested per ASTM E-283 method. Product must be sealed to ceiling surface to eliminate all air paths into space above. The gap between the drywall edge and the edge of the recessed fixture must be sealed by the installer using drywall compound (not provided) or silicone caulking (not provided) rated for a minimum of 90 degree C to seal the gap



MOUNTING INSTRUCTIONS

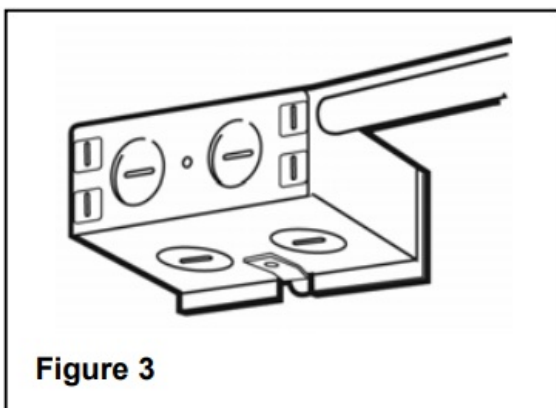
1. Using template (inside housing) to outline circle on
2. Use keyhole saw to cut out circle on
3. NOTE: when deciding on fixture placement and preparing to cut hole, take into account joist placement and electrical wiring requirements. Your ceiling material must be non-combustible and strong enough to support
4. Make sure clips are properly seated in
5. Tilt fixture up through
6. Hold fixture up against ceiling and push retaining clips against can (See Figure 2).



WIRING

Make certain all power is disconnected prior to installing the fixture. Open the snap-on junction box captive door and remove the appropriate pry-out with screwdriver. Built in Romex clamps are accessible through the Romex pry-outs (See Figure 3). Bring supply wires into box by shielded cable or Romex cable.

Make all connections inside the junction box. Connect 120V hot wire to the black wire. Connect the neutral wire to the white wire. Connect the ground wire to the bare copper wire. This fixture should be wired in accordance with the NEC and applicable local codes and ordinances




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References

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