

**INSTALLATION PROCEDURES**

**FOR FIXTURES USING THE LA2050N (50W TRANSFORMER) OR THE LA2075N (75W TRANSFORMER):**

1. Using the Molex type connector, make the 12V electrical connection with the matching connector from the transformer. (FIG 1)
2. Tuck the wires and completed connection into the recess of the transformer.
3. Insert the tabs on the fixture pivot mount into the keyed slots in the opening on the transformer and rotate the fixture assembly clockwise until the notch clears the raised area on the surface of the transformer and locks into place.

**INSTALLING THE LAMP**

**MR16 LAMPS**

On fixtures designed for use with MR16 lamps, ConTech Lighting provides a clear, tempered safety glass. This safety glass should only be used with open MR16 lamps, and not used with MR16 lamps that contain an integral glass lens. This safety glass should be removed if use of MR16 with front glass is required.

1. Use only high quality, 12V MR16 lamps with a GU5.3 base, 50W or 75W dependant upon transformer used.
2. Insert the lamp into the fixture holding the outside edges.
3. For open Gimbal ring style fixtures, insert the bi-pin plug into the two holes in the ceramic socket. Place the lamp into the retaining ring. Remove safety glass if using a front glass lamp.
4. For enclosed MR16 style fixtures, first remove the baffle assembly or front lens assembly, pulling slowly while grasping the leading edge. Insert the lamp plug into the two holes in the ceramic socket. Set the lamp into the recess and secure it in the spring clips. Slowly replace the baffle assembly. Remove safety glass if using a front glass lamp.

**PAR36 or AR111 LAMPS**

1. Seat the lamp into the Gimbal ring or the bell fixture using the two spring clips to retain the lamp.
2. Attach the 12V electrical connection with the insulated fork terminals onto the lamp screw terminals.
3. Tighten properly.

**INSTALLING THE FIXTURE TO TRACK  
FIXTURE POLARITY ALIGNMENT (FIG 2)**

Track polarity is indicated by a grooved polarity line that runs the entire length of the track. All fixtures have indicator arrows designed to point to the track polarity line.

1. Insert the fixture contacts into the track channel.
2. Retract the track latch by gently pulling down.
3. Rotate the adapter 90° so that the polarity arrow points to the polarity line on the track. When the fixture is installed, the track latch will lock the fixture into the track.

**NOTE:** All latches should face the same direction after installation. To install onto the track, position transformer on the track so that the arrows on the top of the transformer point towards the polarity line on the track when turned to the full seated position.

**IMPORTANT SAFETY INSTRUCTIONS:**

- Read all the instructions before installation. Save instructions for later use.
- Turn off power at fuse or circuit breaker box before installation or before doing any maintenance work.
- Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder.
- Product must be mounted in locations and at heights in a manner consistent with its intended use, and in compliance with National Electrical Code and local building codes. For indoor use only.
- Do not exceed the nominal supply voltage or amperage ratings.
- Do not install any lampholder closer than 6" from any curtain or similar combustible material.
- Installing contrary to instructions may cause unsafe conditions.
- **Warning:** Risk of fire. Most dwellings built before 1985 have supply wire rated at 60°C. Consult a qualified electrician before installation.
- **Warning:** Risk of burns. Lamps are extremely hot when lit. Allow lamps to cool down in temperature before handling.
- To avoid hazards to children, account for all parts and properly dispose of all packing materials.
- Call the Technical Support department at ConTech Lighting with any installation questions: 847.559.5500.

All specifications subject to change without notice. For ConTech's limited product warranty, go to [www.contechlighting.com](http://www.contechlighting.com). For a printed copy of the warranty, call 1-847-559-5500.

