

## INSTALLATION PROCEDURES

1. Cut an opening in the ceiling 4-1/8" diameter
2. Pull flexible conduit (120V Supply Wire) out of ceiling and connect to junction box with suitable fitting.
3. Remove transformer/mounting plate assembly from it's small box packed within the LVR16-TR carton and complete wiring as follows (Figure 1):
  - Connect black (hot) supply wire to black wire from transformer with wire connector.
  - Connect white (neutral) supply wire to red or white wire from transformer with wire connector
  - Connect ground connection using green grounding wire or bare copper wire
  - Connect the 12V output leads from the transformer to the housing by joining the male and female portions of the Molex plug. Seat transformer mounting plate to J-Box and lock into place with spring clip.
4. For proper placement of the housing in the ceiling cavity, follow these steps:
  - Prior to placement of the housing, check the ceiling thickness and set the adjustable support leg beneath the transformer to offset the thickness of the ceiling material. This will serve to support the weight of the transformer when properly placed above ceiling.
  - Slip the lead end (transformer side) into the ceiling hole on a 45° angle.
  - After the transformer position clears the opening, turn the assembly to the horizontal and push up on the housing until its rim is flush with the ceiling.
  - While holding the housing in this position, push the mounting clip through the slot in the housing furthest from the transformer and lock into place. Place and lock remaining mounting clips.
5. Position tempered glass lens (supplied with trim) in lamp cradle and seat lamp between spring retainer and lens. NOTE: Handle the lamp by socket or rim, never touch the lamp interior. Firmly press the lamp pins into the thwo holes in the socket and connect socket leads to 12V power supply from housing using the two portions of the Molex connector. Tuck combined wire lead out of the way into housing cavity.
6. Set three trim mounting springs into housing opening and push up into housing until trim is seated firmly to ceiling surface.

## 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.
- Product must be grounded to avoid potential electric shock and any other potential hazards.
- Product must be mounted in locations and at heights and in a manner consistent with its intended use, and in compliance with National Electrical Code and local codes. Use of accessory equipment is not recommended.
- Installing contrary to instructions may cause unsafe conditions.
- Do not block light from the trim aperture, in whole or in part, as this 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.
- 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.

