

INSTALLATION PROCEDURES

- The wiring box will accept metal conduit or nonmetallic cable, but metal conduit must be used if your electrical code requires it.
 Metal Conduit: remove appropriate round pry-out(s) and connect conduit to wiring box with proper connector(s) (not included).
 Nonmetallic Cable: remove appropriate rectangular pry-out(s) on top of wiring box and insert cable, pushing past the cable lock in wiring box. Cable will be held in place by the lock; no other connector is required.
- Make electrical connections:
 - Connect 1/2" trade size flexible conduit (supply wire) to junction box opening near housing with sustainable housing.
 - Connect black to black (hot), white to white (neutral), and green to green (ground) with twist type wire connectors (not provided). (Figure 1)
 - Connect output leads Molex plug from transformer to receptacle plug in junction box.
 - Replace cover. Ensure that all wires are safely within box before closing.
- This fixture is designed for use with 12V 50W MR16 type Halogen bulb. If a lamp larger than 50W is used, the built-in thermal protector will cause the lamp to blink on and off, indicating a potential over-heating situation. A proper 50W MR16 lamp must then be utilized.
- Care should be taken in the handling of the 50W MR16 Halogen lamp; only grasp by the rim or back of the lamp, never place bare fingers inside or touch the encapsulation. The two contact pins of the lamp should be firmly set into the two holes of the porcelain backed lamp holder (socket). **NEVER ATTEMPT TO PLUG A LAMP DIRECTLY INTO THE PLASTIC MOLEX CONNECTOR.**
- This fixture is provided with a connector that acts as a disconnect to remove socket assemble when using some of ConTech Lighting's trim models. This disconnect device may also be used in the event of any required socket replacement. Care should be taken to ensure that the connector housing does not come in contact with the high temperatures of the lamp holder.

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.

