

### 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. Work on a sturdy, nonconductive ladder.
- 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. For indoor use only.
- 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. Do not install closer than 6" from any curtain or similar combustible material.
- **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 Con-Tech Lighting with any installation questions: 847.559.5500.

### INSTALLATION PROCEDURES

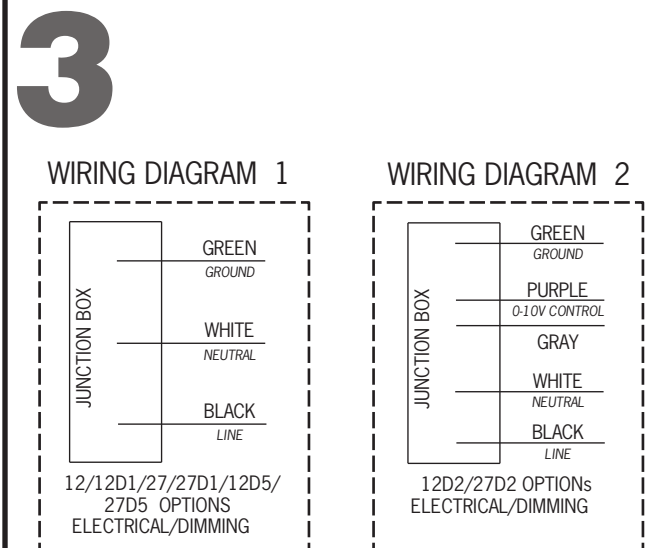
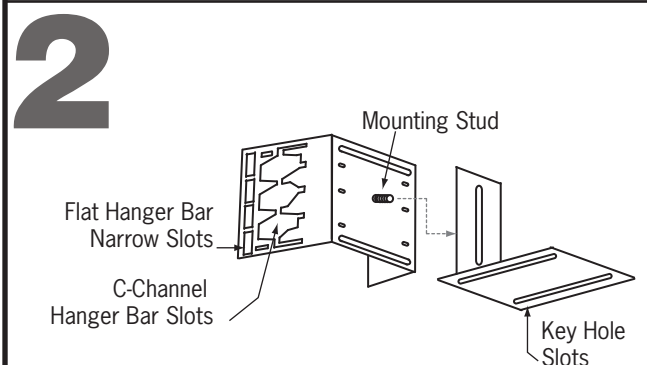
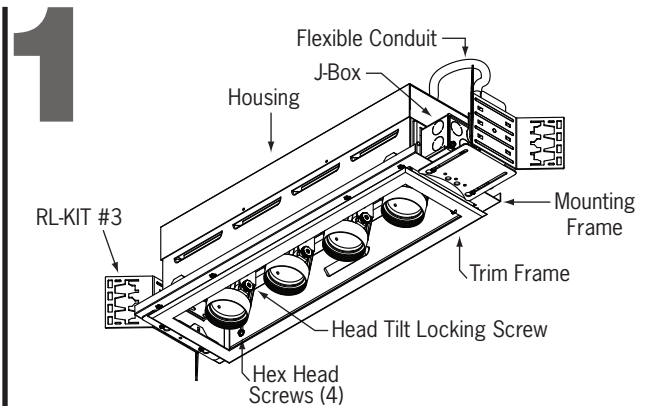
1. Carefully remove packing inserts and slim inner carton containing the trim frame.
2. Locate the Hex Key (tightens hex head screws that secure housing to mounting frame, and head tilt locking screw (Fig. 1).
3. Assemble RL-KIT #3:
  - Select "L" bracket with the longer base plate. Attach to short end of mounting frame with J-Box by fitting keyhole slots in bracket over the setscrews in mounting plate. Adjust to desired length, tighten screws. Repeat with remaining bracket on opposite end of mounting frame.
  - Mount the wing-style brackets to the "L" brackets with the open end facing out (Fig. 2). Pass mounting stud through bracket slot, secure with wing nut and washer provided.
  - Narrow slots in the bracket accept flat hanger bars (ConTech HB-24), C-shaped openings accept C-Channel hanger bars (ConTech HBC-24). C-shaped openings may also be used for 1/2" conduit.
  - Vertical slots in brackets allow a 3" overall height adjustment. Desired housing position is for the mounting frame lip to be even with the finished ceiling, firmly tighten the wing nut.
4. Use Hex Key to make final height adjustments of the housing within the mounting frame (3/4" maximum height adjustment). **DO NOT PLACE ANY INSULATION MATERIAL WITHIN THREE INCHES OF THE HOUSING.**
5. The RDA4L housing is pre-wired. Power must only be brought to the junction box on the housing. Maximum of 8 No. 12 AWG through branch circuit conductor suitable for 75°C permitted in box.

**WARNING:** Power source must conform to requirements of the fixture (see labels on fixture), all NEC and local electrical codes. Before starting wire connections, disconnect power at circuit breaker or fuse, turning power off at switch leg is not sufficient to prevent electrical shock. Make junction box connections per appropriate wiring diagram, based upon dimming option being installed (Fig. 3) Close junction box cover after wiring (ensure that all wires are within box before closing).

### TRIM INSTALLATION

- Trimmed option: Squeeze torsion springs on trim and insert them into brackets located inside of housing. Push trim upward until it seats firmly against the ceiling.
- Trim-less option: housing mounting frame and trimless frame each contain eight (8) matching fastening points for secure retention in ceiling. Using #6 drywall screws (supplied by others) fasten the trimless frame to the drywall and housing mounting frame. Once secured, joint compound can be applied.

*Continued on page 2*



## LED DRIVER REPLACEMENT

**NOTE:** LED Driver should be replaced by a qualified electrician. Turn off power at fuse or circuit breaker box before replacing the LED Driver.

1. Remove fixture head by removing screw inside top of housing. Pull down head and driver and disconnect wiring (note wiring configuration to aid installation of new driver).
2. Replace driver being careful to wire new driver in same fashion as old driver.
3. Reinstall fixture head.

1

