

INSTALLATION INSTRUCTIONS FOR CALCULITE® SOLID-STATE LIGHTING 1.75" APERTURE RECESSED DOWNLIGHT FINISHING TRIMS (C2LDL SERIES, C2LLW SERIES, AND C2LDL70 SERIES)

Read and understand these instructions before installing luminaire.

This luminaire is intended for installation in accordance with the National Electrical Code and Local Regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding.

Retain these instructions for maintenance reference.

CAUTION: (RISK OF FIRE) DO NOT INSTALL INSULATION WITHIN 3 INCHES OF FIXTURE SIDES OR WIRING COMPARTMENT, NOR ABOVE FIXTURE IN SUCH A MANNER SO AS TO ENTRAP HEAT.

Items needed for Installation:

1. C2L_ SERIES Finishing Trim
2. C2L_DL SERIES Frame-in Kit (Installed)
3. Clean Cloth

RECOMMENDATION: If handling reflectors with an anodized finish, the use of clean white or plastic film gloves is recommended to avoid fingerprints.

Frame-in Kit:

1. See C2L_DL SERIES FIK Instruction Sheet

Finishing Trim Installation:

1. Install trim into C2L_DL SERIES Frame-in Kit (already installed in ceiling), by aligning 2qty extruded features, located on opposite sides of the finishing trim, with the slots located on the inside of the frame-in kit (See Fig. 1). Once aligned, push trim through opening until top of flange is flush with the ceiling surface, then twist finishing trim clockwise until it 'snaps' in to place (See Fig 2).
2. Once installed, the Finishing Trim can be manually rotated up to 90 degrees to allow for aiming/adjustment of directional finishing trims (C2LLW Series & C2LDL70 Series) (See Fig. 3).

Fig. 1

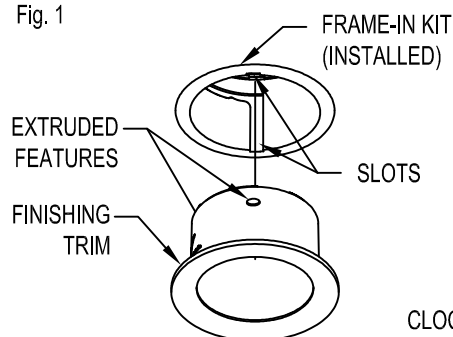


Fig. 2

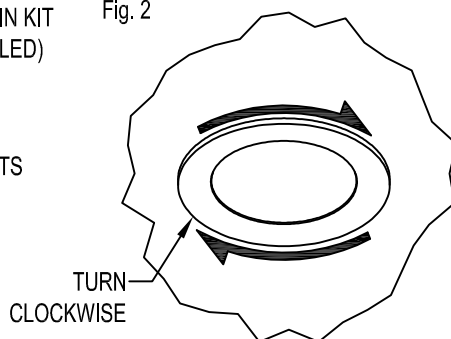
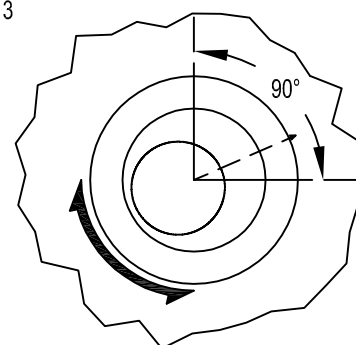


Fig. 3



Finishing Trim Removal:

1. Remove Finishing Trim by rotating CCW until it 'snaps' and can no longer be rotated, at which point the Finishing Trim can be easily pulled downward and removed from Frame-in Kit.

CARE AND MAINTENANCE

Anodized surfaces can be cleaned by the following methods:

1. Wipe off with a soft, clean, dry, lint free cloth (Cloth can be dampened in mild detergent if desired.)
2. Wipe off with a clean cloth dampened with a solution of wetting agent and water (ex. 2 oz. per gallon "Pluronic L62-LF" by Wyandotte Products). Wipe dry.

INSTALLATION INSTRUCTIONS FOR CALCULITE ® SOLID-STATE LIGHTING 1.75" APERTURE RECESSED DOWNLIGHT FRAME-IN KIT (C2L04_DL SERIES)

Read and understand these instructions before installing luminaire.

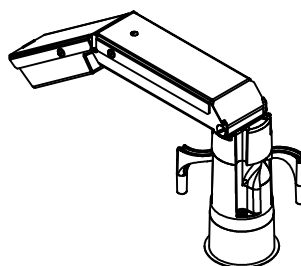
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Retain these instructions for maintenance reference.

CAUTION: (RISK OF FIRE) DO NOT INSTALL INSULATION WITHIN 3 INCHES OF FIXTURE SIDES OR WIRING COMPARTMENT, NOR ABOVE FIXTURE IN SUCH A MANNER SO AS TO ENTRAP HEAT.

Items needed for Installation:

1. C2L04_DL SERIES Frame-in Kit
2. 2 $\frac{1}{8}$ " Diameter Hole Saw & Drill
3. Wire Nuts
4. Phillips Head Screw Driver or Wireless Drill/Screwdriver
5. Finishing Trim



NOTE: C2L_DL SERIES Frame-in Kit installs from below ceiling (remodeler-style installation). For new construction ceilings with limited/no above-ceiling access, it is strongly recommended that the contractor/electrician plan accordingly by prewiring and orienting conduit/romex drops in desired locations where Frame-in Kits are to be installed, prior to the installation of the ceiling, so that conduit/romex can be accessed from below the ceiling once aperture hole has been cut.

Step 1:

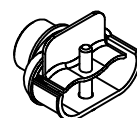
- Using 2 $\frac{1}{8}$ " Diameter Hole Saw & Drill, cut Aperture Hole in ceiling in desired location where C2L_DL SERIES Frame-in Kit is to be installed.

Step 2:

- Feed 120V Input Electrical Flex Conduit/Romex through 2 $\frac{1}{8}$ " hole.
- Holding C2L04_DL SERIES Frame-in Kit in one hand, remove screws located on either side of the Hinged Jbox, remove cover, and wire per Wiring Diagram (See Fig's 1 & 2):

NOTE: For metal conduit, a 2-1 connector can be used to allow for daisy-chaining multiple luminaires in series with one another. Jbox is sized per UL 1598 to accommodate 1qty 120V (L-N-G) Input and 1qty 120V(L-N-G) output.

- Once all electrical connections have been made, reinstall Hinged Jbox Cover, securing both screws.



2-1 FLEX-CONDUIT
CONNECTOR

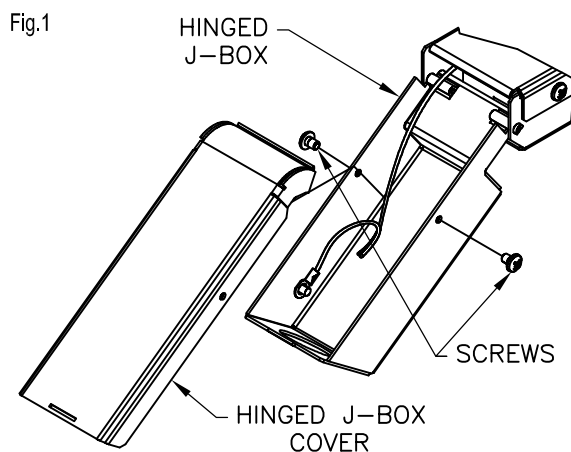
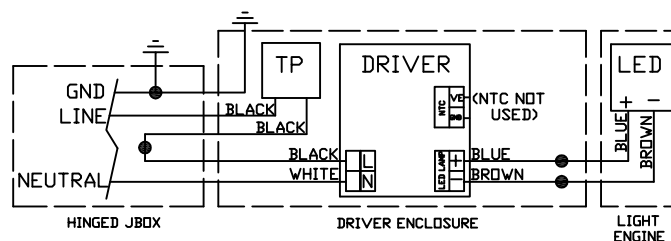


Fig.2



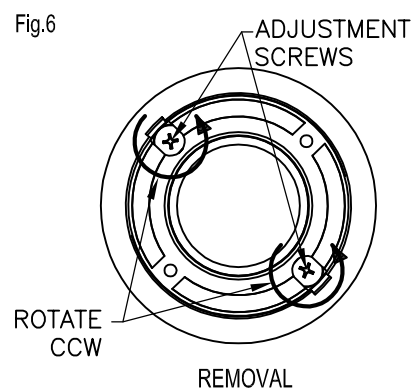
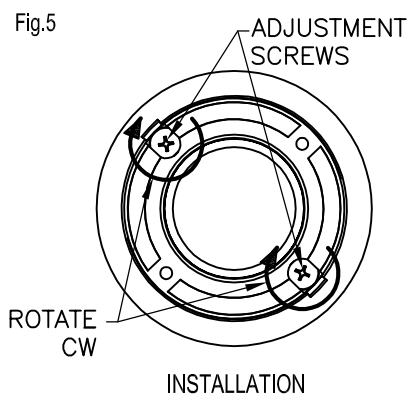
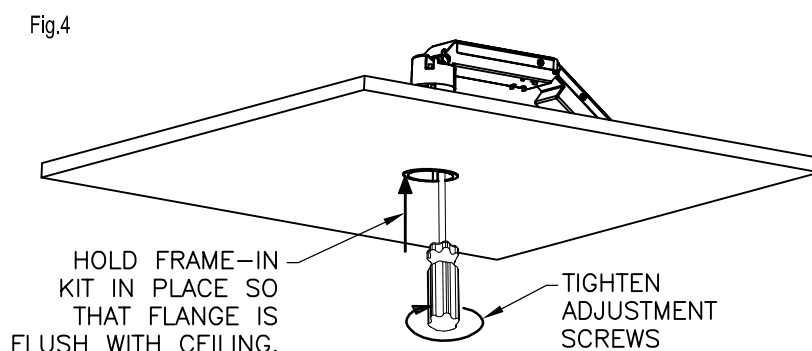
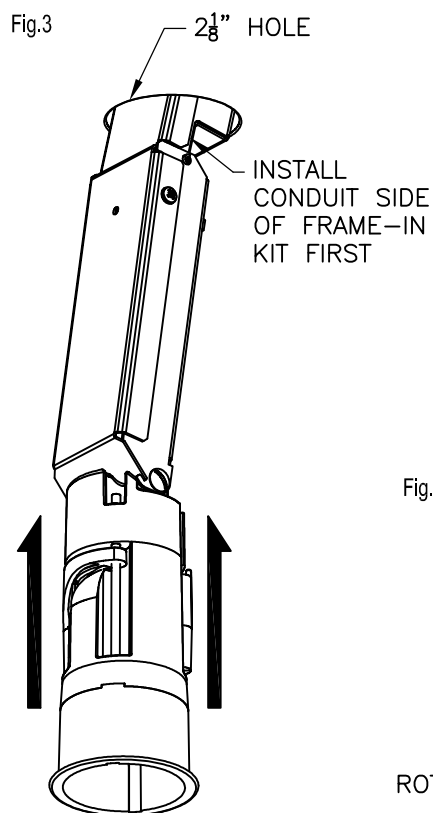
WIRING DIAGRAM

INSTALLATION INSTRUCTIONS FOR CALCULITE® SOLID-STATE LIGHTING 1.75" APERTURE RECESSED DOWNLIGHT FRAME-IN KIT (C2L04_DL SERIES)

Step 3:

- Install Frame-in Kit by snaking Frame-in kit, conduit-side-first, through 2 $\frac{1}{8}$ " hole in ceiling (See Fig. 3).
- Holding the Frame-in Kit in place with one hand, so that the flange is flush with the ceiling surface, tighten (rotate clockwise) adjustment screws until Frame-in Kit is properly secured in place (See Fig. 4 & 5)

NOTE: Wireless drill/screwdriver (low-torque setting) may be used to tighten adjustment screws to significantly reduce installation time. Be careful not to overtighten, however, as softer ceiling materials (ex. sheet rock, gypsum) can be damaged if screws are overtorqued.



Frame-In Kit Removal:

- To remove Frame-in Kit from ceiling, loosen (rotate counter-clockwise) each of the adjustment screws until adjustment arms fold in to the Frame-in Kit, and Frame-in Kit can be removed from ceiling (See Fig. 6).

NOTE: When loosening the adjustment screws, there are two indications to tell when the adjustment arms have folded in and Frame-in Kit can be successfully removed:

1. Listening for a single clicking sound while the screws are being loosened. This will be the noise of the adjustment arm folding in to the Frame-in Kit.
2. Loosening screws until they can no longer be loosened any more, indicating that the arms have folded in and reached the maximum height that they can be adjusted to.