

READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE

This fixture 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.

INSTRUCTION SHEET NO.

IS:CICLV

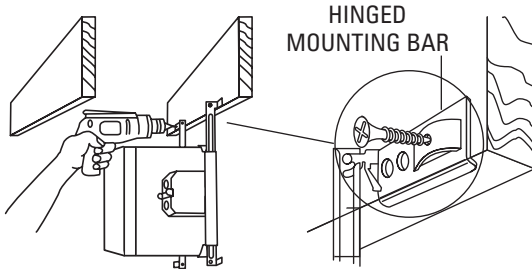
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INSTALLATION PROCEDURE FOR LOW VOLTAGE INSULATED CEILING (TYPE-1C) FRAME-IN-KITS: C4AICLV, C6AICLV

FRAME-IN

Locate fixture along joist and line up bottom edge of HINGED MOUNTING BAR with the bottom of joist and fasten in place.



FOR JOIST SPACING LESS THAN 16" ON CENTER
(TO 12" ON CENTER):

- MOUNTING BAR CHANNELS can be shortened and used as nailing legs in tight places. Simply remove INNER BAR from holed CHANNEL, bend CHANNEL at appropriate point and use extra screw to secure it to the joist.

WIRE-IN

Wire to SUPPLY LEADS. WHITE FIXTURE LEAD to NEUTRAL SUPPLY LEAD. BLACK FIXTURE LEAD to HOT (120v) SUPPLY LEAD. For 277V connect RED FIXTURE LEAD to HOT SUPPLY LEAD. BARE FIXTURE WIRE to SUPPLY GROUND. Use wirenuts (local hardware item). Place all electrical connections in the J-Box and close the J-BOX COVER.

NOTE: To inspect splices, leave min 8" of lead wire in J-Box.

SWING-UP

Extend MOUNTING BAR to reach opposite joist and fasten in place. Adjust fixture to desired position along MOUNTING BAR and lock in place using locking screw

AIRSEAL® INSTALLATION (optional)

Install a bead of silicone caulking compound between the ceiling opening and edge of HOUSING. Housings are tested in accordance with ASTM E 283 (max 2 cfm @ 75 pa) and comply with WSEC & MEC when installed as instructed.

CLOSE-IN

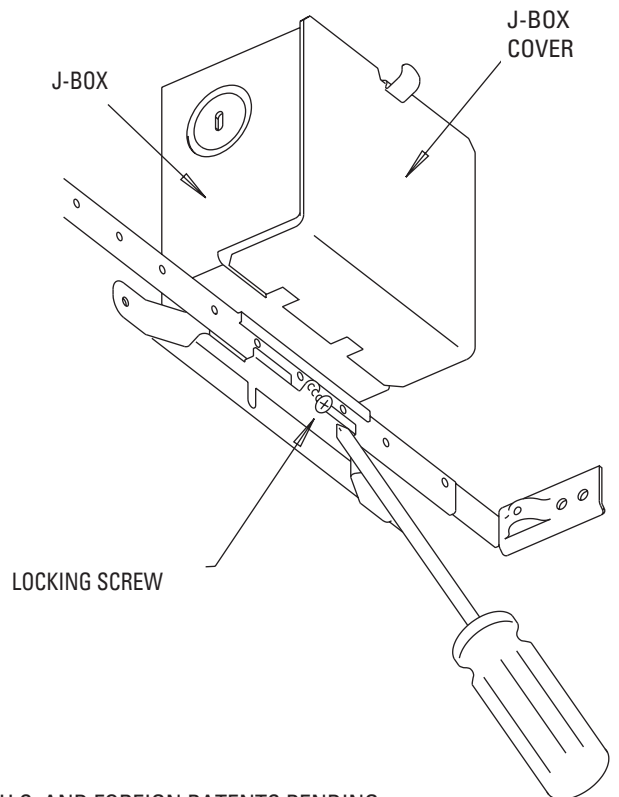
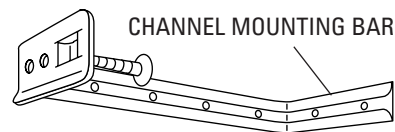
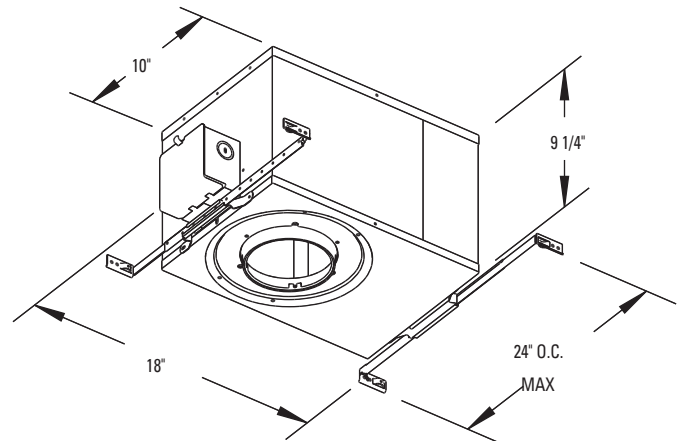
Close in ceiling as required.

INSTALLING SOCKET HARNESS

INSTALLING HOUSING TRIMS

FIXTURE TRIM ADJUSTMENT

SEE SEPARATE
REFLECTOR TRIM
INSTRUCTION
SHEETS



U.S. AND FOREIGN PATENTS PENDING

LIGHTOLIER®

LIGHTOLIER a GENLYTE THOMAS company.

631 Airport Road, Fall River, MA 02720

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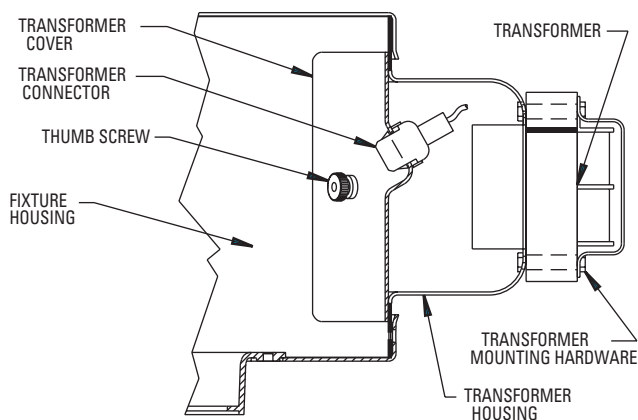
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INSTALLATION PROCEDURE FOR LOW VOLTAGE INSULATED CEILING (TYPE-1C) FRAME-IN-KITS: C4AICLV, C6AICLV

TRANSFORMER REPLACEMENT

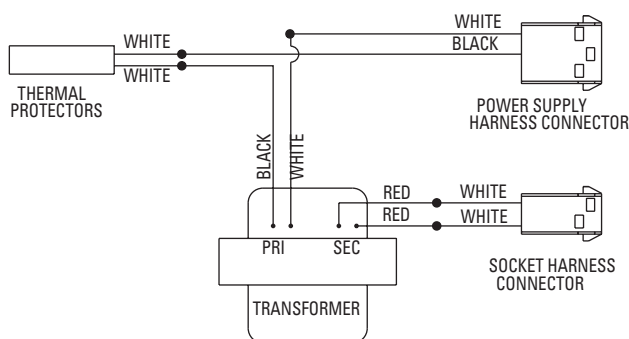
- Make sure power to fixture is off.
- Remove REFLECTOR TRIM from ceiling by twisting counter-clockwise and pulling down.
- Disconnect & remove SOCKET HARNESS from TRANSFORMER ASSEMBLY.
- Disconnect POWER SUPPLY HARNESS: For C4AICLV disconnect harness at TRANSFORMER COVER. For C6AICLV disconnect harness from junction box assembly (opposite side of fixture from TRANSFORMER ASSEMBLY).
- Remove (2) THUMB SCREWS.
- Remove TRANSFORMER COVER from THUMB SCREW studs
- Pull TRANSFORMER ASSEMBLY and TRANSFORMER COVER into FIXTURE HOUSING and out through aperture opening.
- Disconnect TRANSFORMER wiring from THERMAL PROTECTOR(S) and TRANSFORMER CONNECTORS. Refer to TRANSFORMER WIRING DIAGRAMS shown below for your particular MODEL AS INDICATED.
- Remove TRANSFORMER MOUNTING HARDWARE and discard faulty TRANSFORMER.
- Install new TRANSFORMER in reverse order of removal.

WARNING: Risk of fire. Fixture contains THERMAL PROTECTORS that must be rewired as shown in DIAGRAMS below. Use only replacement TRANSFORMER obtained from LIGHTOLIER

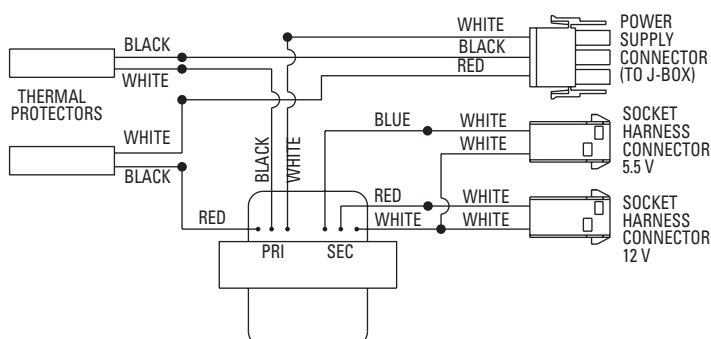


TRANSFORMER ASSEMBLY

NOTE: 1. LOW VOLTAGE FIXTURES should be dimmed only with special dimmers intended specifically for that purpose. Use Lightolier Lytemode, Scenist, Crescendo VA, Neptune VA, Precision VA, EasySet VA, Sunrise VA, Radiant VA or equivalent products by others or variable autotransformers or electronic dimmers intended for use with low voltage fixtures.
2. Low voltage fixtures produce audible sound which may be objectionable in acoustically critical areas.



**TRANSFORMER WIRING DIAGRAM
MODEL C4AICLV**



**TRANSFORMER WIRING DIAGRAM
MODEL C6AICLV**

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