

JUNO TYPE IC23-LEDT24 NEW CONSTRUCTION RECESSED HOUSING FOR SELF CONTAINED LED TRIMS

WARNING: For your safety, read and understand instructions completely before starting installation. Before wiring to power supply, turn off electricity at the fuse or circuit breaker box.

NOTE: Juno recessed fixtures are designed to meet the latest NEC requirements and are listed in full compliance with corresponding UL standards. Before attempting installation of any recessed lighting fixture, check your local electrical building code. This code sets the wiring and installation requirements for your locality and should be understood before starting your work.

NOTE: Use of Non-Juno trims voids Juno warranty.

SAVE THESE INSTRUCTIONS

TYPE IC FOR INSULATED CEILINGS

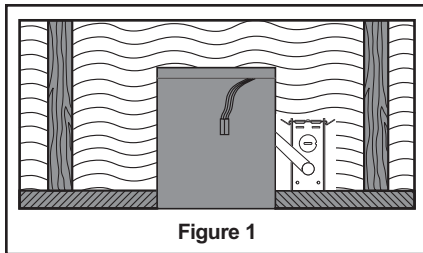


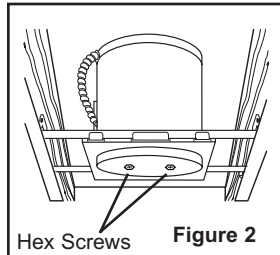
Figure 1

Juno Type IC fixtures are designed for direct contact with insulating materials which are approved for this application (Fig. 1).

Juno Air-Loc LED housings are supplied with pre-installed gaskets for energy savings and to comply with energy code air leakage requirements per ASTM E283.



INSTALLATION INTO JOIST CONSTRUCTION



Hex Screws Figure 2

Step 1. Extend bar hangers to fit between joists. Bar hanger foot is contoured to easily align with bottom of joist (Fig. 2). Position fixture by hammering Real-Nails® into joists (Fig. 3).

(Note: Bar hanger may be shortened to fit 12" framing or smaller by breaking at score lines).

Step 2. Slide fixture along bar hangers into desired location. Use locking screws or slot to secure (Fig. 4).

Step 3. Follow steps 1-4 under Electrical Connection.

Step 4. When installing in drywall, cut appropriate sized hole.* After installing drywall, if necessary, adjust fixture for ceiling thickness by loosening hex screws that attach the round housing to the plaster frame. (Fig. 2)

Relocating Fixture —
Nail can be removed with hammer claw to allow easy repositioning of fixture without damaging bar hanger or nail (Fig. 5).

* Note: Cut a 6-7/8" hole.

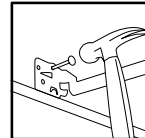


Figure 3

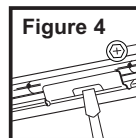


Figure 4

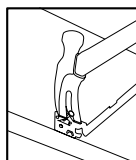


Figure 5

INSTALLATION INTO SUSPENDED CEILING

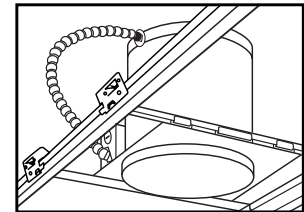


Figure 6

Step 1. Locate center of proposed opening on ceiling tile and cut appropriate sized hole.*

Step 2. Place ceiling tile in T-bar grid.

Step 3. Place fixture into position and snap bar hanger foot with integral T-bar clips onto T-bars (Fig. 6). Additional holes provided for securing with wire or screws as needed (Fig. 7).

Step 4. Follow Steps 1-4 under Electrical Connection.

* Note: Cut a 6-7/8" hole.

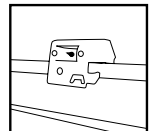


Figure 7



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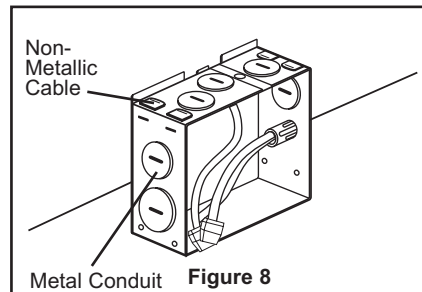
ELECTRICAL CONNECTION INSTRUCTIONS

Step 1. Provide electrical service according to your local electrical code to the wiring box located on the plaster frame. Supply wire insulation must be rated for at least 90°C.

Step 2. Remove wiring box cover. Remove the appropriate knock-out(s) to accommodate the type of electrical service to be used/allowed by your local electrical code (Fig. 8):

Metal Conduit. Remove appropriate round knock-out(s) and connect conduit to wiring box with proper connectors (not supplied.)

Non-Metallic Cable. Remove appropriate knock-out(s) from top of wiring box and insert cable, pushing it past the cable grip. No other connector is required.



Step 3.

J-Box with Quick Connectors: Strip supply wire 3/8", insert each supply wire into appropriate junction box connector. Connect black fixture wire to hot, white fixture wire to neutral and green fixture wire to ground.

Step 4. Place all wiring and connections back in wiring box and replace cover.

TRIM INSTALLATION

This housing is only intended to be used with trims marked on the housing. For instructions on how to install the trim, refer to the instructions supplied with the trim.

