

JUNO IC20RLEDG3, IC920RLEDG3, IC22RLEDG3 & IC922RLEDG3 REMODEL RECESSED HOUSINGS

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 the relevant UL standard(s). Before attempting installation of any recessed lighting fixture, check your local electrical building code. This code sets the wiring standards and installation requirements for your locality and should be understood before starting work. Use of non-Juno trims voids Juno warranty.

SAVE THESE INSTRUCTIONS

TYPE IC FOR INSULATED CEILINGS

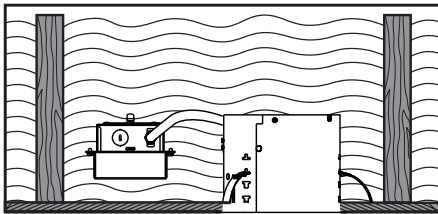


Figure 1

Juno Type IC fixtures are designed for direct contact with insulating materials which are approved for this application (Fig. 1). Fixtures may also be used in non-insulated ceilings.

Juno Air-Loc LED housings are supplied with an Air-Loc gasket kit for energy savings and to comply with energy code air leakage requirements per ATSM E283.

INSTALLATION STEPS

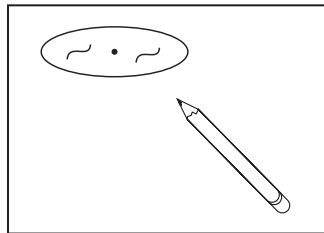


Figure 2

Step 1. Remove the reflector from the fixture carton and store in a safe place for future installation.

Step 2. Locate center of proposed opening on ceiling and use template to mark and accurately cut a 5-1/2" (for 5" housings) or a 6-5/8" (for 6" housings) opening (Fig. 2).

Step 3. Locate Air-Loc gasket kit envelope supplied in fixture carton. Place foam gasket on the top surface of the metal ring of can (Fig 3).

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

Step 5. Press housing through ceiling opening so it is flush to ceiling (Fig. 4). Push retention clips outward until each clip tab clicks into position. A single "T" slot clip is provided for additional support. Insert clip through "T" slot from inside housing, force clip down with screwdriver until clip is seated. Secure clip by tightening screw (Fig. 5). *Note: To remove housing from ceiling, push tab on clip upward to disengage.*

Step 6. Apply tape strips over each of the three retention clips and slots. Cover completely with the tape strips. Use the supplied strips, do not substitute with duct tape (Fig. 6).

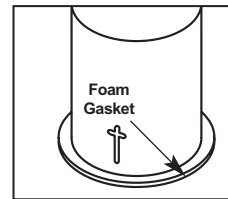


Figure 3

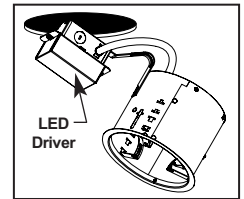


Figure 4

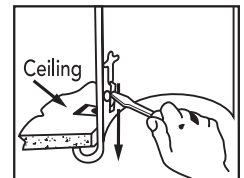
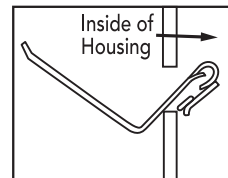


Figure 5

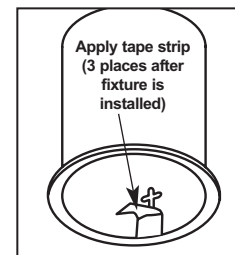


Figure 6



INSTALLATION INSTRUCTIONS

JUNO IC20RLEDG3, IC920RLEDG3, IC22RLEDG3 & IC922RLEDG3 REMODEL RECESSED HOUSINGS

ELECTRICAL CONNECTION INSTRUCTIONS

Step 1. Provide electrical service according to your local electrical code to the wiring box located on the remodel housing. 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. 7):

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

12/2 or 14/2 Non-Metallic Sheathed Cable (Type NM-B). Remove appropriate D-shaped cable knock-out(s). Insert NM-B cable through cable trap and make a 90° L-shaped bend in cable as shown (Fig. 8).

12/3 or 14/3 Cable (Type NM-B). Remove appropriate round knockouts and connect cable with proper electrical connectors (not supplied and not shown).

Step 3. Strip supply wire 3/8" and insert each supply wire into appropriate connector. Connect black fixture wire to hot, white fixture wire to neutral and green fixture wire to ground. (Fig. 7).

Connect violet (+) and gray (-) dimmer wires, (-U models only).

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

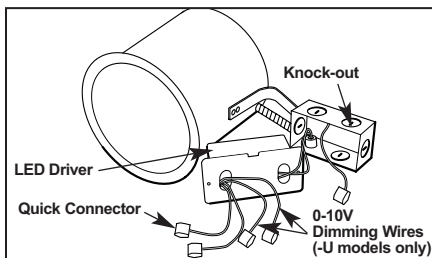


Figure 7

DRIVER REPLACEMENT

Driver replacements must be performed by a qualified electrician. Disengage remodel retention clips and remove housing from ceiling to access driver. Order replacement kits as identified on the driver. The replacement kits include detailed instructions for driver replacement.

FIXTURE DIMMING

IC20RLEDG3-XXX-U, IC920RLEDG3-XXX-U, IC22RLEDG3-XXX-U & IC922RLEDG3-XXX-U: Universal input voltage (120VAC thru 277VAC) housings. Dimmable with the use of 0-10V wall box dimmers.

IC20RLEDG3-XXX-1, IC920RLEDG3-XXX-1, IC22RLEDG3-XXX-1 & IC922RLEDG3-XXX-1: 120VAC input housings. Dimmable with the use of most incandescent, magnetic low voltage or electronic low voltage* wall box dimmers.

Consult Juno Product Services or website for compatibility.

*Electronic low voltage dimmers require a neutral wire connection in the wall box

TRIM AND REFLECTOR INSTALLATION

After ceiling is finished and painted, remove paint shield from fixture. Discard or Recycle.

Open Trim Installation

Step 1. Install open trims using supplied coil springs or torsion springs. (Reference Figure 9 for coil spring installation).

Step 2. Locate the OPTIC REFLECTOR that was packaged with the remodel housing and take note of the flange details at the top of the part. Install the OPTIC REFLECTOR by aligning and inserting it into the fixture and rotating it 1/4 turn clockwise until it stops (Figure 10).

Lensed Trim Installation

Step 1. Locate the OPTIC REFLECTOR that was packaged with the remodel housing and take note of the flange details at the top of the part. Install the OPTIC REFLECTOR by aligning and inserting it into the fixture and rotating it 1/4 turn clockwise until it stops (Figure 10).

Step 2. If the lensed trim was supplied with an upper reflector, remove and discard or recycle it. Install the lensed trim using the supplied torsion springs.

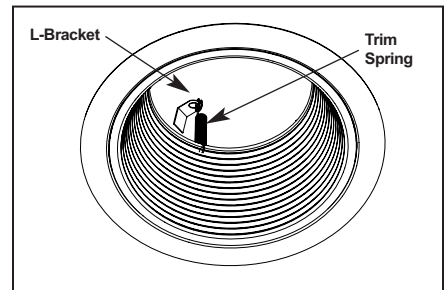


Figure 9

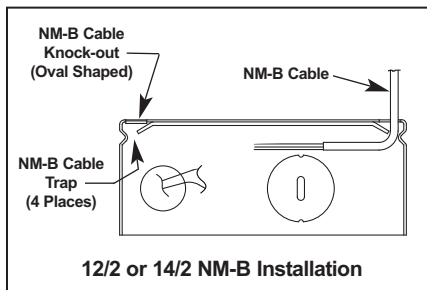


Figure 8

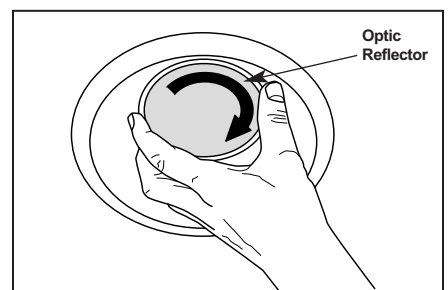


Figure 10

WARRANTY

Juno Lighting Group provides five year limited warranty on LED components from date of purchase. Juno Lighting Group's obligation is expressly limited to repair or replacement, without charge, at Juno Lighting Group's factory after prior written return authorization has been granted. This warranty shall not apply to products which have been altered or repaired outside of Juno Lighting Group's factory. This warranty is in lieu of all other warranties, expressed or implied, and without limiting the generality of the foregoing phrase, excludes any implied warranty of merchantability. Also, there are no warranties which extend beyond the description of the product on the company's literature setting forth terms of sale.

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JUNO LIGHTING GROUP
by Schneider Electric