

JUNO IC1RLWDG3 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

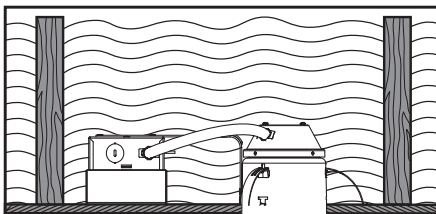


Figure 1

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

This Juno Air-Loc LED fixture is supplied with means to seal the housing after installation for energy savings and to comply with energy code air leakage requirements per ASTM E283.

INSTALLATION STEPS

Note: This housing is compatible with ceiling thicknesses from 1/2" to 1-1/2" only.

Step 1. Remove optic assembly from 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 4-3/8" opening (Fig. 2).

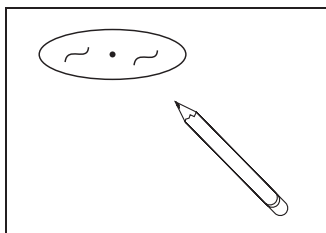


Figure 2

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

Step 4. Press housing through ceiling opening until flush to ceiling (Fig. 3). Push retention clips outward until they click into position. Note: To remove housing from ceiling, push tab on clip upward to disengage.

Step 5. To seal housing after confirming correct operation, apply supplied tape strips to completely cover each of the three retention clips and slots. Do not substitute with other materials (Fig. 4).

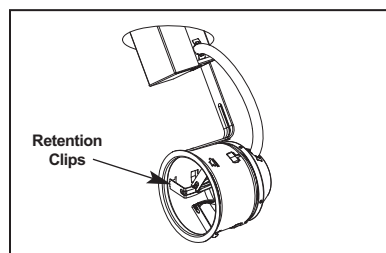


Figure 3

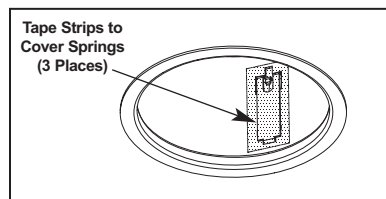


Figure 4

FIXTURE DIMMING

IC1RLWDG3: 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

OPTIC ASSEMBLY INSTALLATION

Step 1. After ceiling is finished and painted, remove and discard paint shield from fixture.

Step 2. Locate the two large raised screws at the top of the remodel housing. The optic assembly uses these for retention.

Step 3. Insert optic assembly into housing, with mounting feet aligned with raised screws. Twist optic assembly clockwise so mounting feet engage screws. Twist firmly to lock in place (Fig. 7).

TRIM INSTALLATION

Insert trim into fixture by lining up trim springs with the housing opening, and pressing trim up towards the ceiling. Take note of the position of the optic within the housing, and avoid contact with it when pushing in trim.



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ELECTRICAL CONNECTION INSTRUCTIONS

Step 1. Provide electrical service according to national and/or local electrical code to the junction box located on the remodel housing. Supply wire insulation must be rated for at least 90°C. Note: this fixture requires a flexible electrical supply.

Step 2. Remove junction box cover. Remove the appropriate knock-out(s) to accommodate the type of electrical supply being used. (Fig. 5)

Flexible Metal Conduit. Remove appropriate round knock-out(s) and connect conduit to junction 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 the NM-B cable through the cable trap and make a 90° L-shaped bend in cable as shown (Fig. 6).

12/3 or 14/3 Cable (Type NM-B). Remove the 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. 5).

Step 4. Place all wiring and connectors back in wiring box and replace cover, taking care not to pinch any wires.

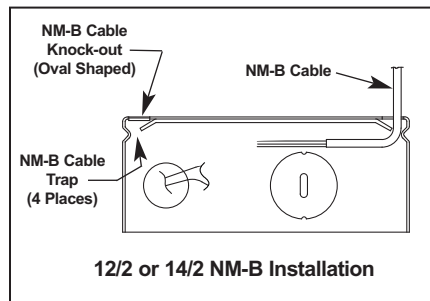


Figure 6

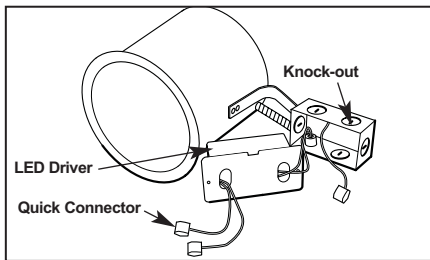


Figure 5

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
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