

# JUNO AI™

Installation Instructions

Guide de démarrage

Guía de inicio rápido

# INSTALLATION INSTRUCTIONS

## For J6AI Retrofit Trim Series 1000 Lumen (Patent Pending)



**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 products are designed to meet the latest NEC requirements and are classified in compliance with applicable UL standards. Before attempting installation of any recessed lighting product, 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.

### SAVE THESE INSTRUCTIONS

#### Product Information

The Juno J6AI (downlight) LED trim may be used as a retrofit trim for 6" incandescent housings already installed in application or with dedicated quick connect housings by Juno with part numbers IC23 LEDT24 and IC23R LEDT24.

The J6AI Retrofit trim consists of the following: Retrofit trim with quick connect, medium base socket adaptor\* with mating quick connect and installation instructions. Check for all contents prior to installation. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**WARNING:** Risk of fire or electric shock.

- Do not alter, relocate, or remove wiring, lampholders, power supply, or any other electrical component.
- Installation of this retrofit assembly requires a person familiar with the construction and operation of the luminaire's electrical system and the hazard involved. If not qualified, do not attempt installation. Contact qualified electrician.
- Install this kit only in luminaires that have the construction features and dimensions described in these instructions, and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

\*To order medium base socket adapter with mating quick connect accessory specify catalog number: **LEDRETROWHIP**

FCC Supplier's Declaration of Conformity.

JUNO AI / J6AIALXA DB, J6AIALXA DC, J6AISPKR DB, J6AISPKR DC, J6AIDWNL DB, J6AIDWNL DC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Suppliers Name: Acuity Brands Lighting, Inc.

Suppliers Address (USA): 1300 South Wolf Road | Des Plaines, IL 60018

Suppliers phone number: 800.323.5068.

### Juno J6AI Retrofit LED Trim Compatibility

#### Incandescent Housing Compatibility

The Juno J6AI is designed to work with most standard UL listed 6" recessed incandescent housings. When used with standard medium base incandescent housings, the medium base socket adaptor must be used. Housing compatibility can be determined by measuring the recessed housing as follows (Fig. 1):

**CAUTION:** The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's regulatory authority to operate the device.

**NOTE:** This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the manufacturer or an experienced radio/TV technician for help.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**RF RADIATION EXPOSURE STATEMENT:** This device complies with FCC and ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20cm between the device and any part of the user's body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

### Only for 5G Devices

The devices for the band 5150-5350 MHz are only for indoor use.

Les appareils de la bande 5150-5350 mhz ne sont conçus que pour une utilisation en intérieur.

- A) Height: The housing must be at least 5-1/4" high
- B) Diameter: The housing inside diameter must be between 6" and 6-3/4"

Minimum lamp compartments:  
150 in<sup>3</sup> (2458 cm<sup>3</sup>) for  
Model J6AI Downlight

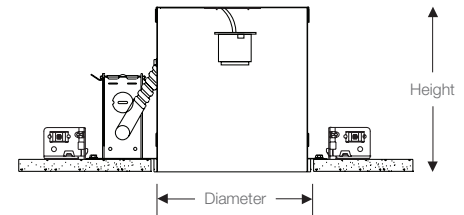


Figure 1

# INSTALLATION INSTRUCTIONS

## For J6AI Retrofit Trim Series 1000 Lumen (Patent Pending)



**WARNING:** Trims must be grounded as outlined below. Failure to do so can result in electric shock or undesired operation.

The recessed housing must contain grounded brackets to support the trim springs and provide electrical ground to the trim (see Fig. 2). If the housing is grounded but does not contain spring retaining brackets, contact factory to order an adapter kit (V6RLTRB). To use this product in an ungrounded housing, consult factory for additional instructions.

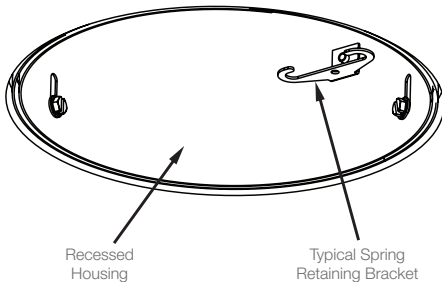


Figure 2

### Dedicated Quick Connect Housing

As standard, the primary connection means provided on the Juno retrofit trims is a connector that is designed to meet the high efficiency requirements of California T24. The connector is only intended to be plugged into the mating connector in Juno housings (Model Numbers: IC23 LEDT24 and IC23R LEDT24) or into the medium base socket adaptor (if provided with the trim). Use of the J6AI in any other quick connect housings other than Juno or removing the factory installed connector is prohibited and voids the product warranty.

**CAUTION:** Power to the luminaire must be turned off prior to installing these LED trims. Failure to do so can cause electric shock, which can result in injury or death.

### WARRANTY

Limited warranty located at:  
[www.acuitybrands.com/CustomResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx)  
Technical Services Phone (800) 705-SERV

### Installation

**Step 1.** Confirm that the J6AI LED trim is compatible with the recessed housing as outlined previously in these instructions.

**Step 2.** Some recessed housings contain an adjustable plate or bracket that supports the socket. The socket may need to be detached from the plate/bracket, and the plate/bracket may need to be removed from the housing prior to installation of the trim. For detailed instructions on removing the plate or bracket, refer to manufacturer's installation instructions.

**Step 3. Installation into existing housings with medium base sockets:** Screw the medium base socket adaptor into the socket in the recessed housing. Plug the connector provided on the trim into the mating connector on the socket adaptor by pushing firmly to ensure connectors are securely fastened (Fig. 3).

**Installation into dedicated quick connect housings:** Plug the connector provided on the trim into the mating connector in the housing by pushing firmly to ensure connectors are securely fastened (Fig. 4).

**Step 4.** Insert trim torsion springs into corresponding retaining brackets in recessed housing. Carefully push trim towards ceiling until the springs pull the trim tight.

**Step 5.** Turn power on to fixture.

### J6AI Downlight Retrofit Inserts

The J6AI downlight retrofit trim is designed so that the decorative cone or baffle inserts can be removed and replaced in the field. To remove the factory installed insert (Fig. 5):

1. Locate the quick release slot on the back of the retrofit trim.
2. Insert a small, flat blade screwdriver into the slot and push gently against the top of the insert, releasing the insert from the retrofit trim.

To re-install insert (Fig. 6):

1. Line up the insert with the aperture of the retrofit trim.
2. With even force, push the insert into the retrofit trim until the insert is fully seated. Confirm that the insert is securely fastened.

Figure 3

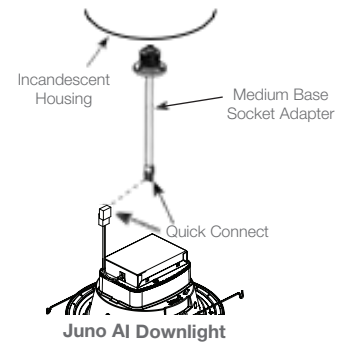


Figure 4

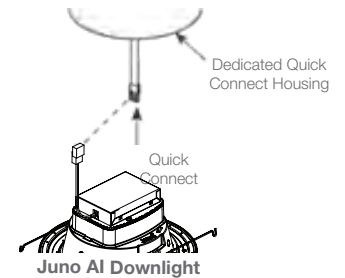


Figure 5

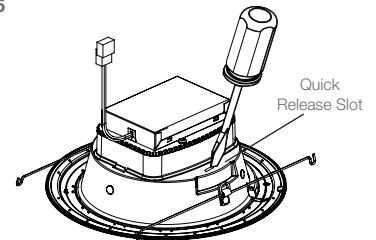


Figure 6

