

LADxA LED INSTALLATION INSTRUCTIONS



BEFORE YOU BEGIN

Read and follow all safety instructions



WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



Prepare Electrical Wiring



Electrical Requirements

Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.



Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

*** Any damage caused from improper installation will void warranty and not be accepted for RGA (Return Goods Authorization). Improper installation includes but not limited to field-drilled hole(s), improper latch closure and any damage caused during installation.**

Contractor is responsible for adequately reinforcing ceilings to support luminaire weight. Utopia Lighting accepts no responsibility for inadequately reinforced ceilings. The information contained in this drawing is the sole property of Utopia Lighting.

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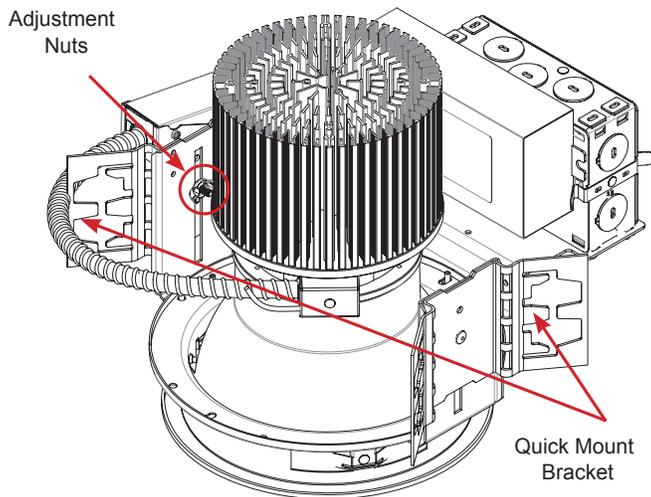


FIGURE 1

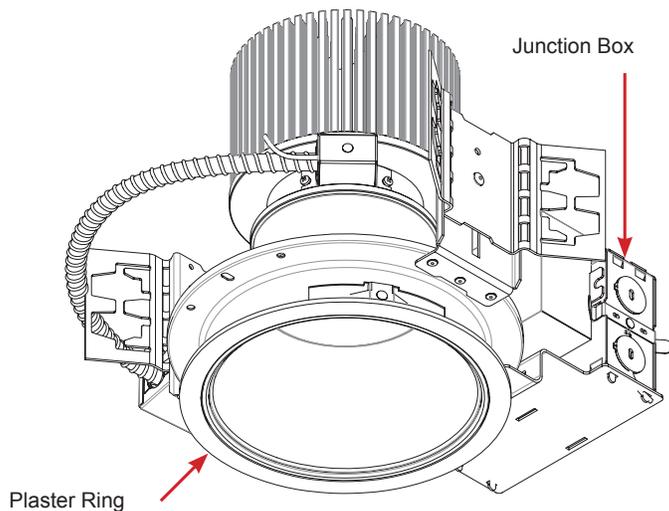


FIGURE 2

LUMINAIRE INSTALLATION

* Please wear the gloves to handle Reflector and Trim.

STEP 1

Mark the intended location of the luminaire and cut appropriate opening in the ceiling using the chart below:

CUTOUT DIMENSIONS	
LAD4A	4-27/32" Dia. (123 mm)
LAD6A	6-1/4" Dia. (158 mm)
LAD8A	7-7/8" Dia. (200 mm)

STEP 2

Thread rigid conduit and C-channel (supplied by others) through quick-mount brackets at the sides of the fixture. See **Figure 1**.

STEP 3

Attach C-channel and rigid conduit to structure capable of supporting the luminaire's weight.

STEP 4

Adjust mounting height by loosening adjustment nut, see **Figure 1**, and then position bracket so that the bottom of the plaster ring is flush with the bottom of the opening of the finished ceiling.

STEP 5

Tighten adjustment nut.

STEP 6

To slide luminaire back for making electrical connection, reach inside the Plaster Ring and pull up the luminaire back. See **Figure 2**.

STEP 7

Remove one of the junction box covers and bring in appropriate power supply to the junction box using one of the knock-outs. See **Figure 2**.

* See **Maintenance Sheet** next page for replacing luminaire.



* Fixture should be used in ceiling with 25°C ambient temperature as standard.

* Non-IC rated luminaires should be installed with 1/2" clearance on all sides from non-combustible materials and with 3" clearance on all sides from insulation (unless marked spacing noted otherwise).



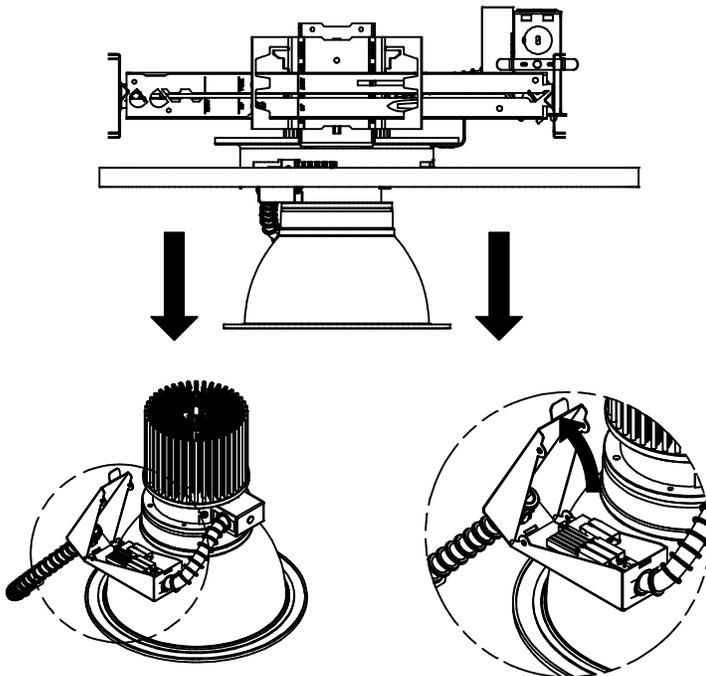
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WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

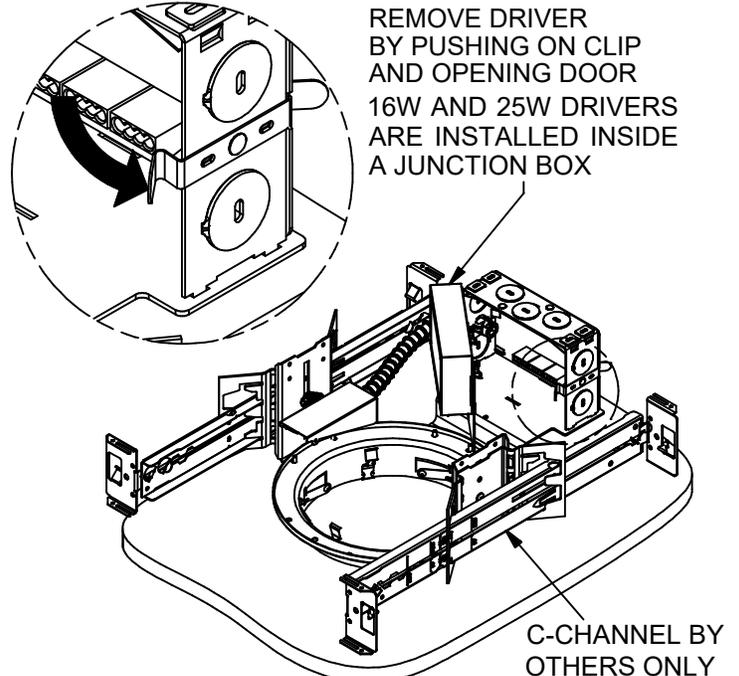
RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

WARN PROMPT: PLEASE WEAR THE GLOVES TO HANDLE REFLECTOR AND TRIM.

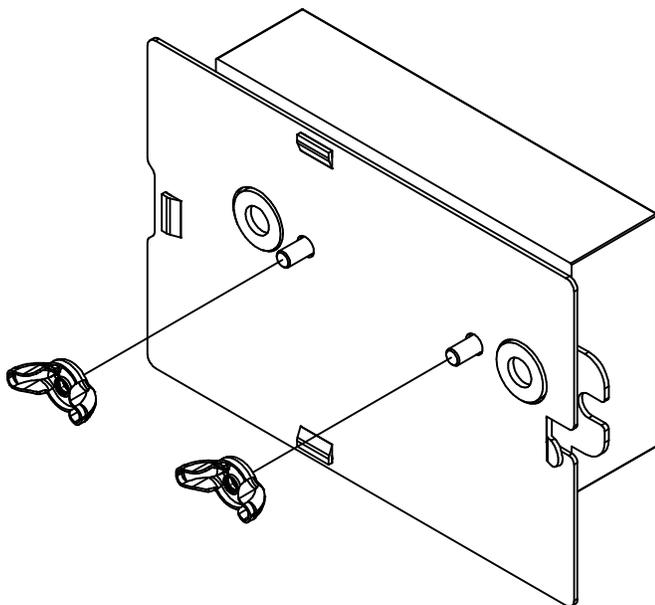
1. REMOVE TRIM



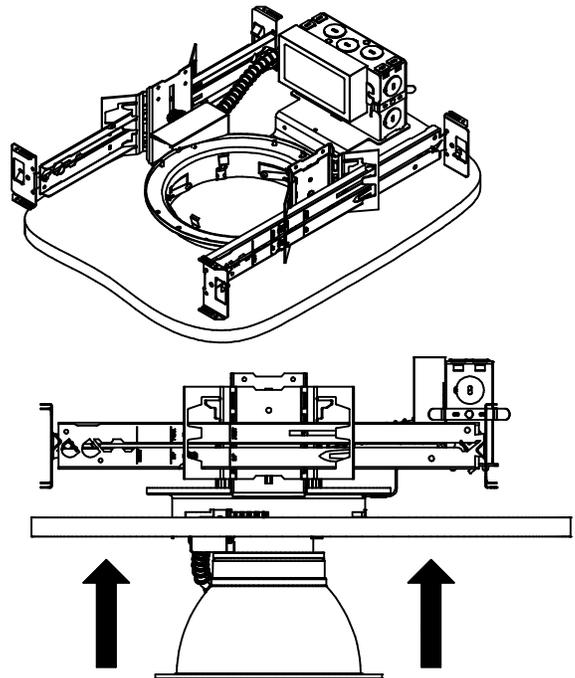
2. REMOVE DRIVER



3. REPLACE DRIVER



4. REINSTALL IN REVERSE ORDER



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WIRING DIAGRAM

