



**INSTALLATION INSTRUCTIONS
800 SERIES RETROFIT
RECESSED HOUSING MODELS
801/802/803**

WARNING: Read and understand these instructions completely before installation. To be installed by qualified electricians only. Products should be installed in accordance with these instructions, local electrical codes, and the National Electric Code (NEC). These products may represent a possible shock or fire hazard if improperly installed.

CAUTION: Disconnect power at circuit breaker or fuse panel before installation or servicing. Always allow LED assembly to cool before servicing. Do not connect or disconnect LED lamp module wire connector when fixture is energized as this may result in permanent damage to the LED. Do not install where insulation or ambient temperatures will exceed maximum values noted in product specifications. Do not install in steam showers.

NOTE: Number Eight Lighting fixtures are designed to meet the latest NEC requirements and are listed in full compliance with UL standards. Before attempting installation, check your local electrical code which sets the wiring standards and installation requirements for your locality and should be understood before starting work.

SAVE THESE INSTRUCTIONS.



LED Lamp Module Instructions 11512-1 Rev A

Recessed Housing Model Series 801, 802 & 803

Lamp Module J2 Installation / Removal / Adjustment

CAUTION: ▶ Turn off power at wall switch & review all instructions on this page before proceeding.
▶ Always allow lamp module to cool before servicing.

Installation (not required if pre-installed into housing):

Step 1 Before installing Lamp Module, make sure correct LED Power Supply Module is installed & Lock Shaft is in unlocked position - FIG 1.1.

Step 2 Insert Lamp Module into housing as shown then adjust to 45° position to expose Bolt. Secure to Housing Center Nut - FIG 1.2 & 1.3.

Step 4 Plug Wire Connector from Lamp Module into Power Supply Module connector. Push wire up inside housing to avoid interference during adjustment - FIG 1.2.

Adjustment: Adjust desired horizontal position & vertical aiming angle as shown in FIG 1.4.

Removal: To remove lamp module follow steps above in reverse order.

Replacement: Contact Number Eight Lighting for replacement Lamp Module or LED emitter.

Optional Accessories: Unscrew Lamp Ring to add/ remove accessories - FIG 1.2.

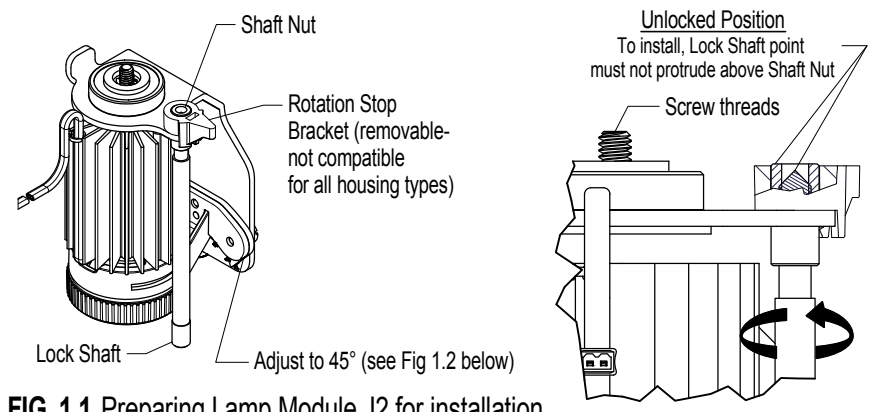


FIG. 1.1 Preparing Lamp Module J2 for installation

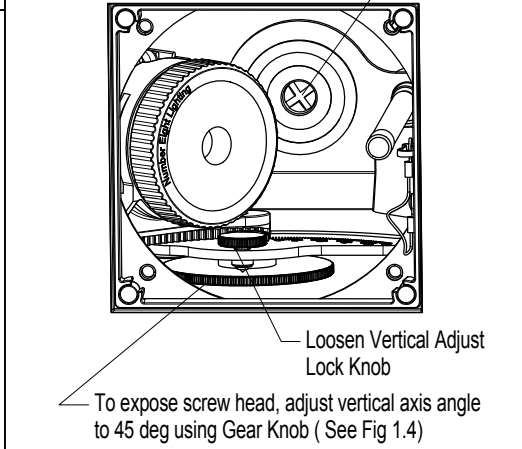
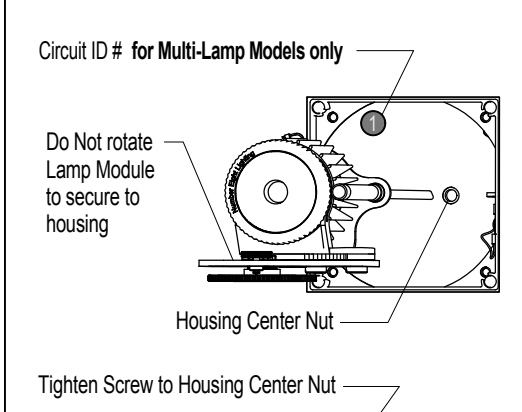


FIG. 1.3 Securing Lamp Module to Housing

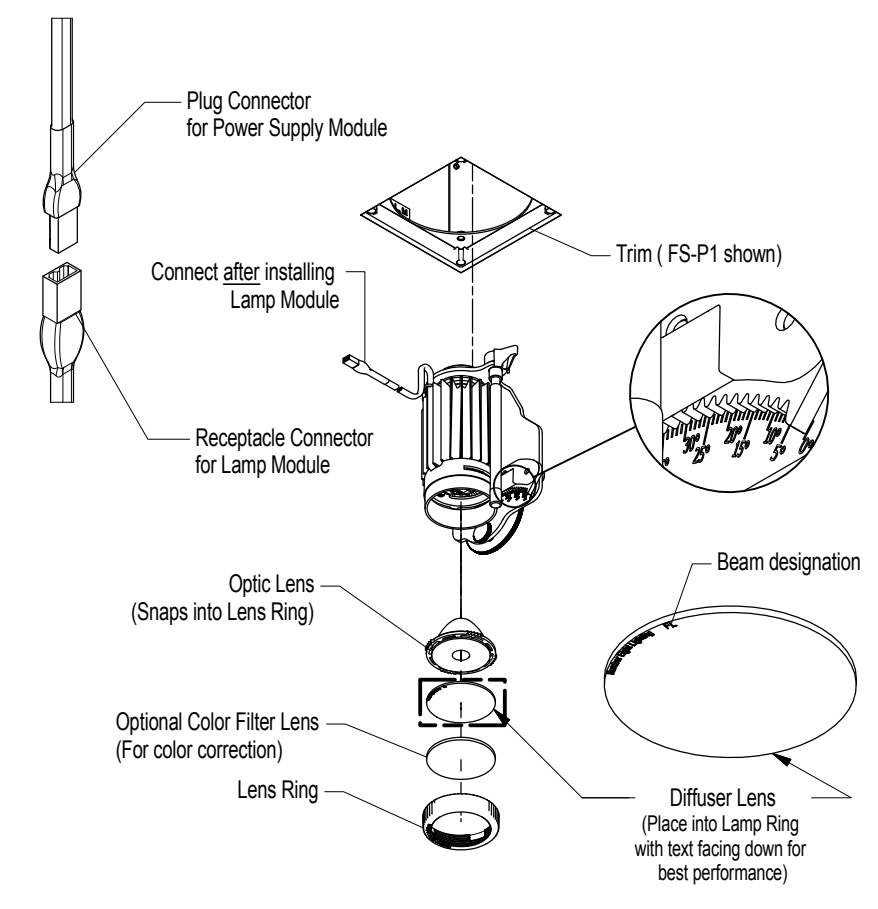


FIG. 1.2 Installing Lamp Module J2

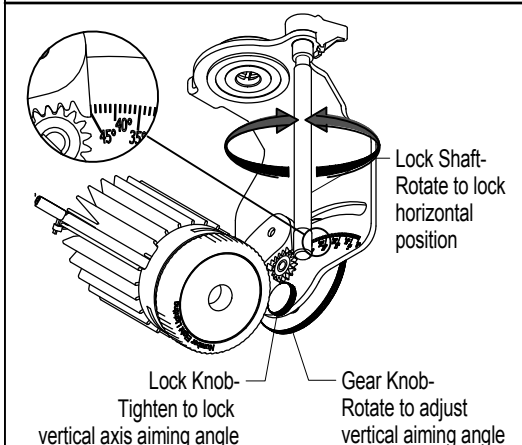


FIG. 1.4 Aiming Adjustment

CAUTION: 

- ▶ Turn off power at wall switch & review all instructions on this page before proceeding.
- ▶ Always allow lamp module to cool before servicing.

Installation (not required if pre-installed into housing):

Step 1 Before installing Lamp Module, make sure the LED Power Supply Module is installed (shown on page 5).

Step 2 Pull Power Module Connector through opening & insert Lamp Module into housing as shown. Secure threaded stud to Housing Center Nut & hand tighten - Fig 2.1 & 2.2.

Step 3 Plug Wire Connector from Lamp Module into Power Supply Module connector. Push wire up inside housing to avoid interference with LED - Fig 2.2.

Step 4 Install Trim Plate into Trim.

Removal: To remove lamp module follow steps above in reverse order.

Replacement: Contact Number Eight Lighting for replacement Lamp Module or LED emitter.

Optional Accessories: Unscrew Lamp Ring to add/remove accessories- Fig 2.1.

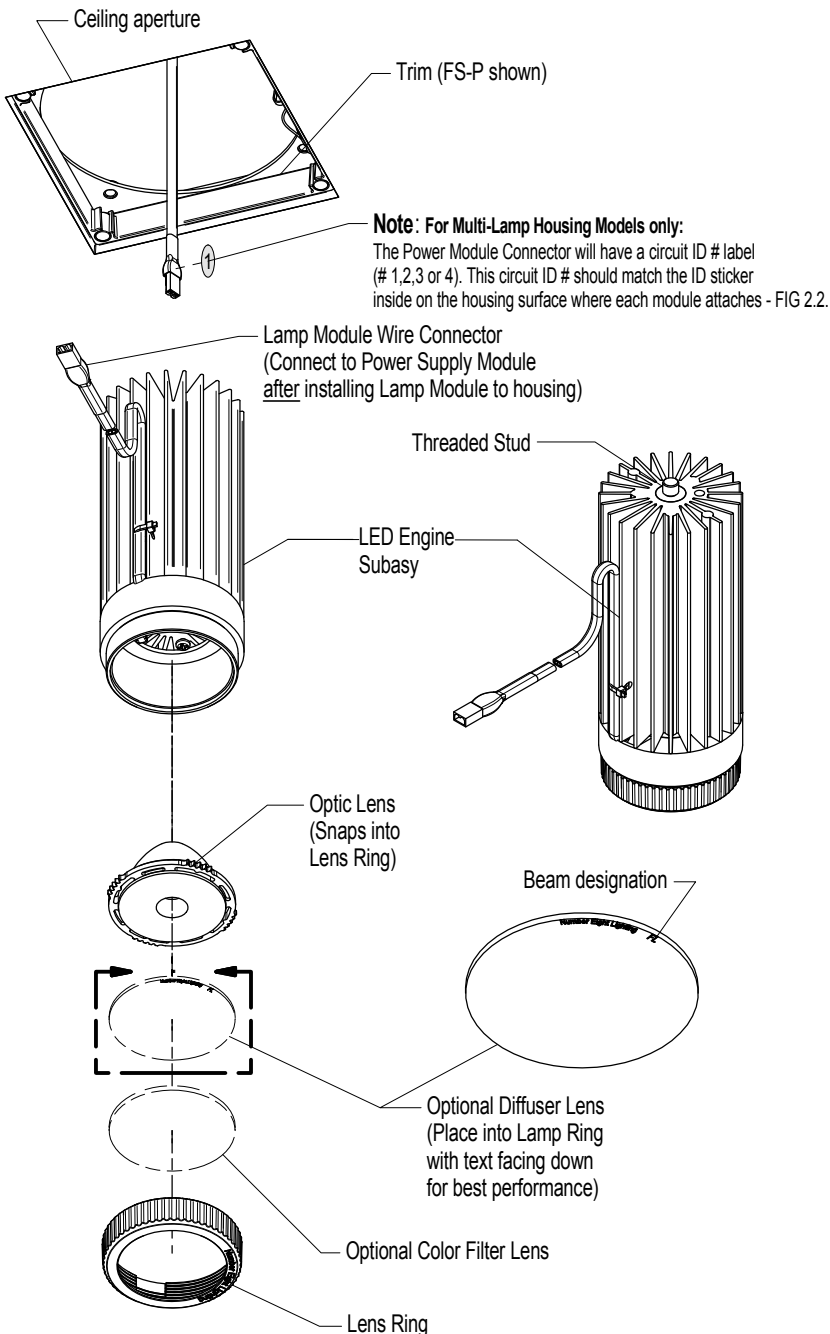
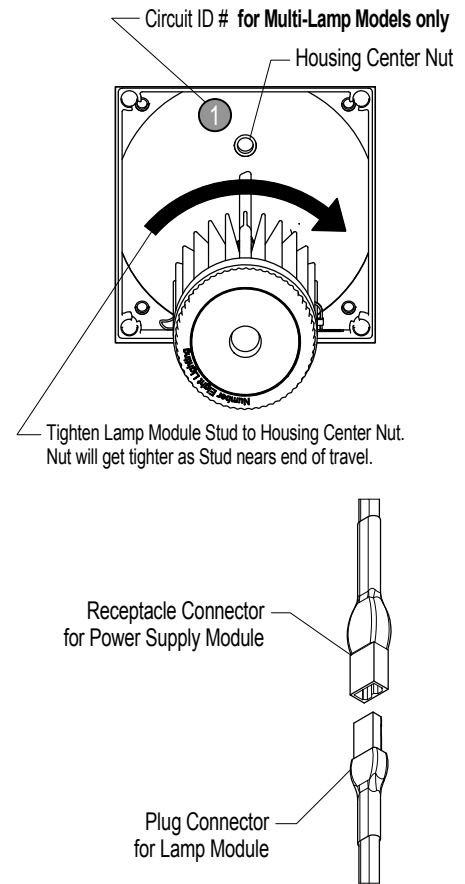



FIG 2.1 Installing Lamp Module K2 & Accessories



Note:  If LED fails to light check if connectors are plugged together as shown.

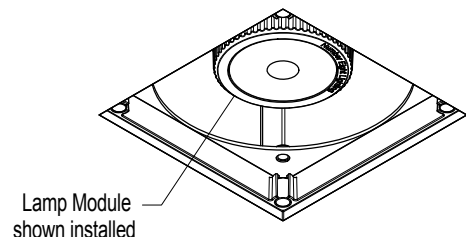


FIG. 2.2 Securing Lamp Module K2 to Housing

CAUTION: 

- ▶ Turn off power at wall switch & review all instructions on this page before proceeding.
- ▶ Always allow lamp module to cool before servicing.

Installation:

Step 1 Before installing Lamp Module, make sure LED Power Supply Module is installed.

Note: For Sloped Ceilings Only-See recommended Housing installation orientation - FIG 4.1

Step 2 Adjust vertical to 90 deg position as shown in Fig. 4.3. **Note: angle adjustment is limited on ceilings over 5/8" thick & when Mirror Reflector is aligned facing narrow sides of Housing.**

Step 3 Plug Wire Connector from Lamp Module into Power Supply Module Connector. Push wire up inside Housing to avoid interference during installation - Fig 4.4.

Step 4 Choose general aiming position desired. Attach Safety Cable from Trim Cable Clip to Lamp Module before inserting Lamp Module through Housing aperture. Seat Trim Plate into Trim as shown. Note: horizontal & vertical aiming position adjustment is lockable using Lock Knobs. General aiming position is easily changed by pulling Lamp Module out slightly & rotating into one of 4 positions - Fig 4.2 & 4.3.

Removal: To remove Lamp Module follow steps above in reverse order.

Replacement: Contact Number Eight Lighting for replacement LED Engine Subassy or LED emitter. Remove Lamp Module & unscrew LED Engine Subassy for replacement or access to LED emitter.

Optional Accessories: Unscrew LED Engine Subassy to add/remove Lens accessories - Fig 4.2.

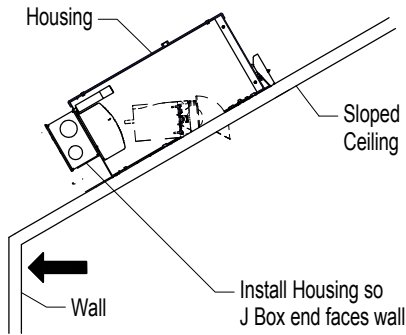


FIG 4.1 Recommended Housing Orientation for Sloped Ceiling

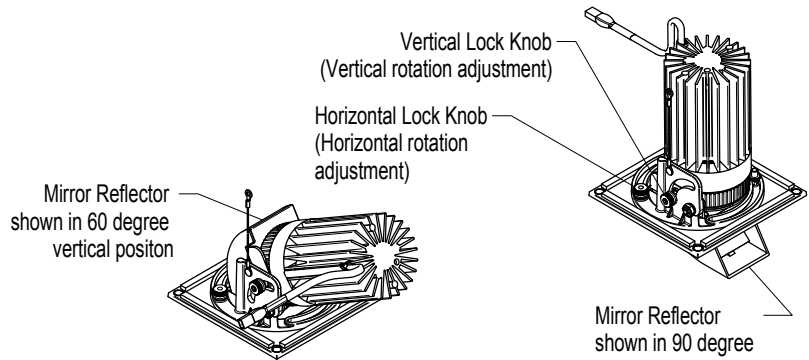


FIG. 4.3 Lamp Module Adjustment

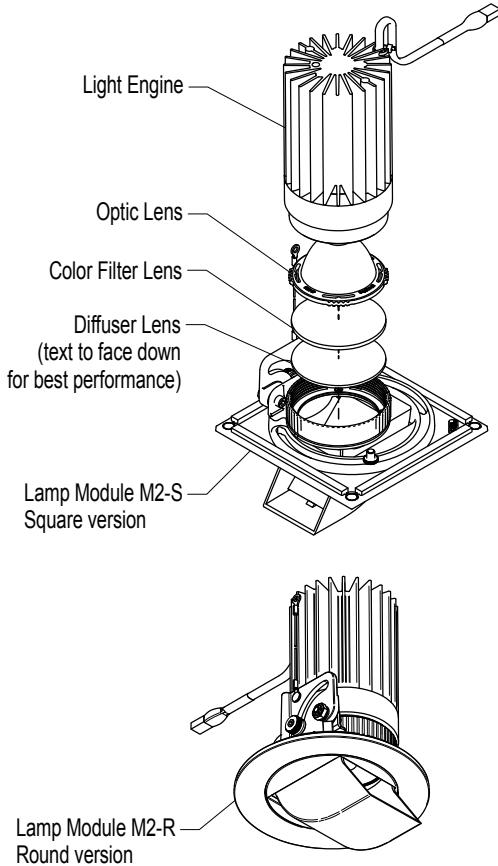


FIG 4.2 Installing Lamp Module Accessories

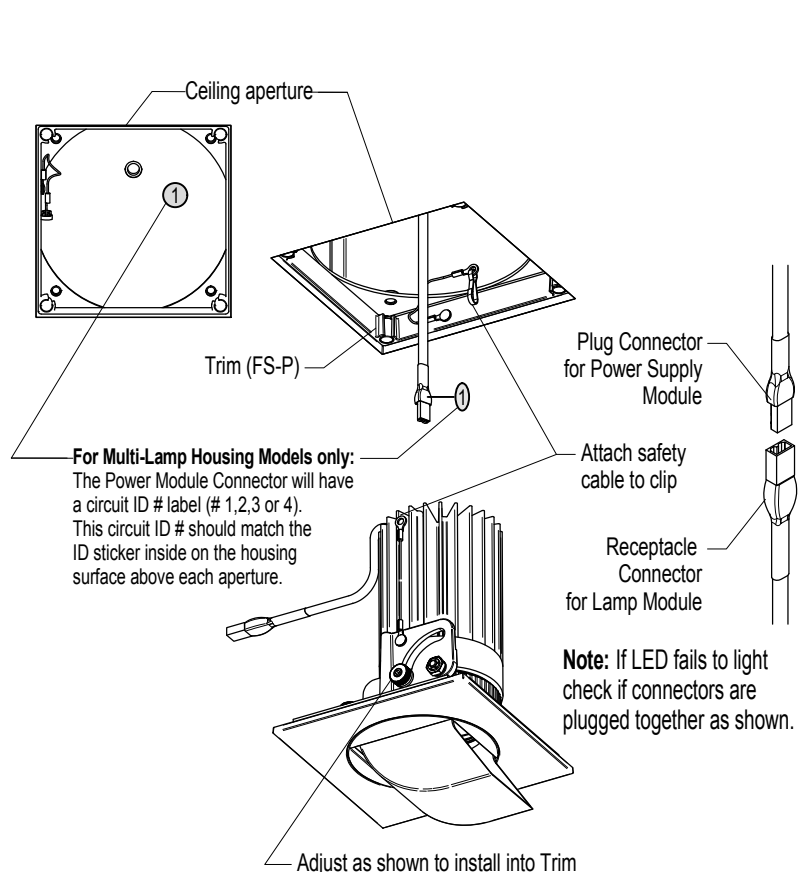


FIG. 4.4 Securing Lamp Module to Housing & Trim



CAUTION:
 ▶ Disconnect power at circuit breaker or fuse panel before proceeding.
 ▶ Always allow Lamp & Power Supply Module to cool before removing.

To remove LED Power Supply Modules

Step 1 To access Power Supply Module the Lamp Module must first be removed (For LED Lamp Modules refer to Pages 1-4 / For Incandescent Lamp Modules refer to Instructions P/N 11119).

Step 2 Unscrew & remove Thumb Knob inside Housing as shown. Tilt Power Supply Module to disengage from housing as shown-FIG 5.1.

Step 3 Pull Power Supply Module away from threaded stud while pulling wires & Power Connectors out of the Junction Box-FIG 5.2.

Step 4 Disconnect Power Supply Connectors. For models with 0-10 drivers, also disconnect purple & gray wires-FIG 5.2.

Step 5 Pull Power Supply Module through aperture-FIG 5.3.

For Replacement: Replace all parts in steps above in reverse order. Be sure hooks engage into junction box as shown in FIG 5.4.

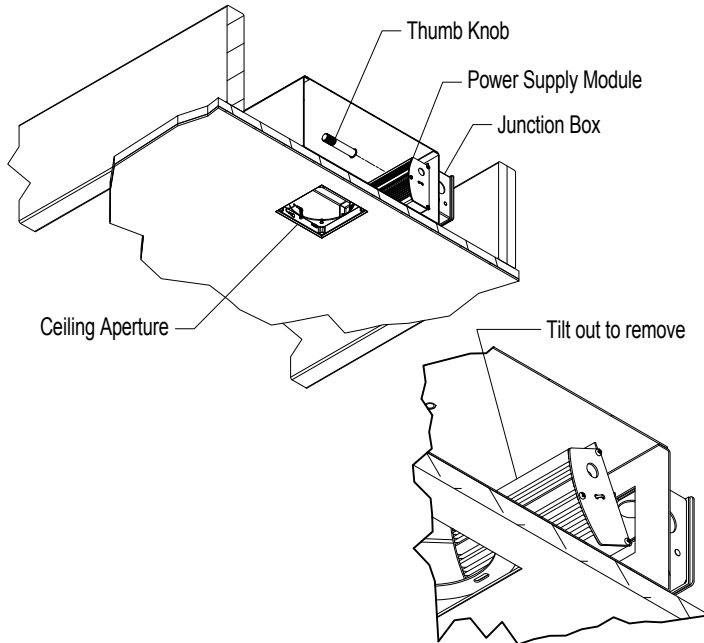


FIG 5.1 Remove Thumb Knob & Disengage Power Supply Module

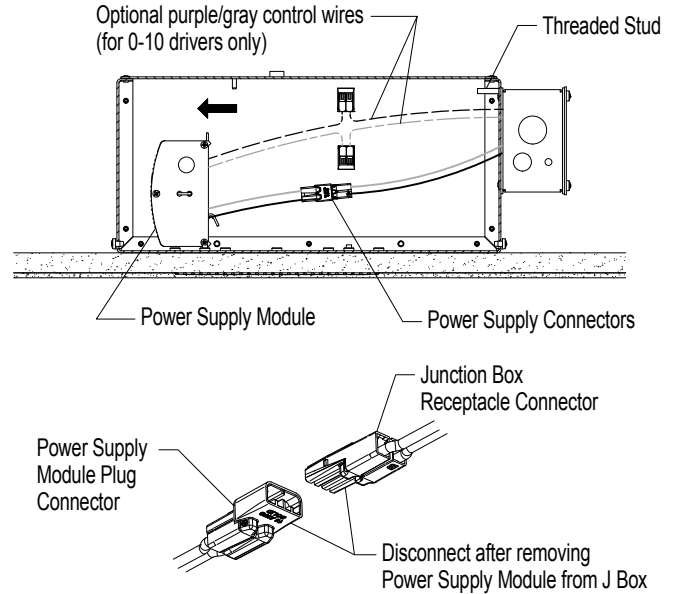


FIG 5.2 Remove Power Supply Module & disconnect wires

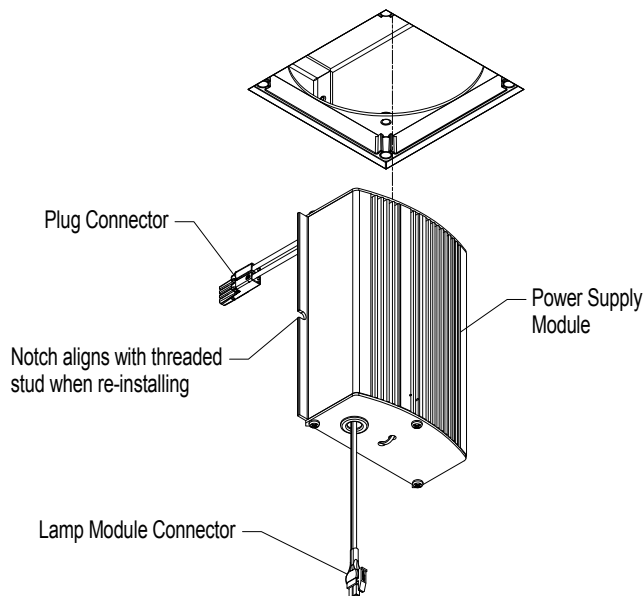


FIG 5.3 Pass Power Supply Module Through Aperture

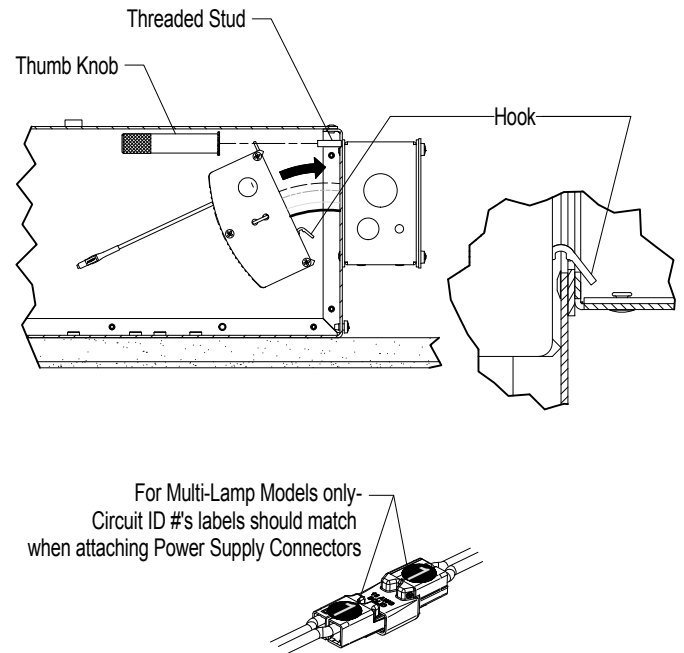


FIG 5.4 Replace Power Supply Module & Secure With Thumb Knob



WIRING INSTRUCTIONS 10717

800 SERIES LED RETROFIT



CAUTION: TO AVOID RISK OF FIRE OR ELECTRIC SHOCK
Read all installation instructions completely before proceeding. Failure to follow instructions may void warranties.

- Installation to be by a qualified electrician only.
- Installation must conform to National Electric Code and local regulations.
- **Turn off power at circuit breaker or fuse panel before proceeding.**
- Always allow LED assembly to cool before servicing.



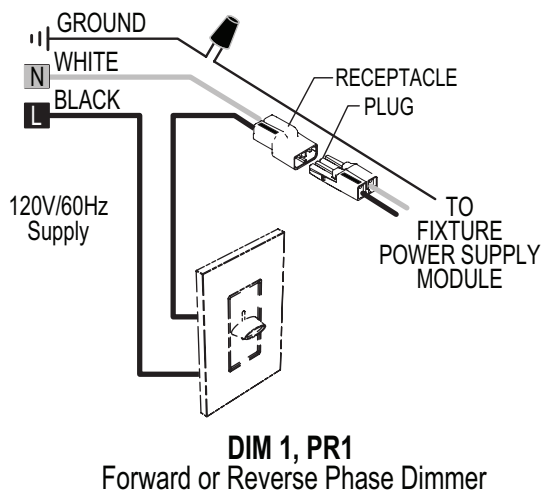
Wiring Connections

1. Verify correct dimming system, lamp module, power supply type, and input supply requirements – FIG 1.1 & 1.2.

Note To determine supply voltage required, refer to input label on Driver and Dimming System wiring instructions.

2. Connect driver output wires using electrical connectors at Mounting Bracket – FIG 1.2.
3. Push all wires & connections completely inside wiring compartment – FIG 1.2.
4. Install Cover using screws provided – FIG 1.2.

DIM1 / PR1 / LU1-120V



OR

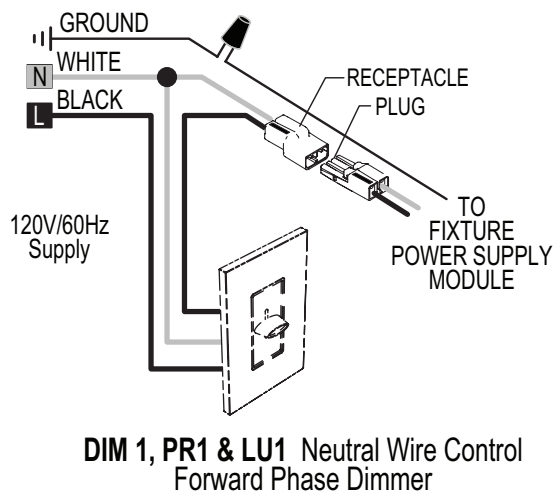


FIG 1.1 Wiring Diagram

NOTE: For compatible dimmers for use with DIM1 / PR1 drivers see 8lighting.com/resources-downloads-page.
For compatible dimmers for use with LU1 drivers, contact Lutron LED Center of Excellence at 1.877.346.5338 or LEDs@lutron.com.

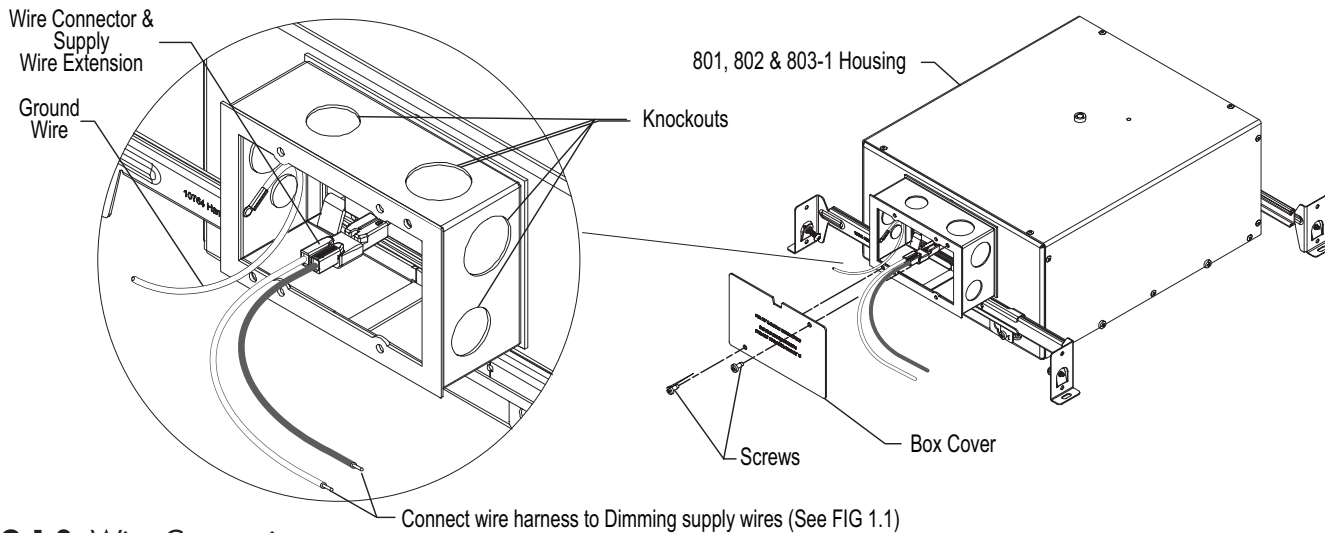


FIG 1.2 Wire Connections



WIRING INSTRUCTIONS 10717

800 SERIES LED RETROFIT



CAUTION: TO AVOID RISK OF FIRE OR ELECTRIC SHOCK

Read all installation instructions completely before proceeding. Failure to follow instructions may void warranties.

- Installation to be by a qualified electrician only.
- Installation must conform to National Electric Code and local regulations.
- **Turn off power at circuit breaker or fuse panel before proceeding.**
- Always allow LED assembly to cool before servicing.



Wiring Connections

1. Verify correct dimming system, lamp module, power supply type, and input supply requirements – FIG 2.1 & 2.2.
- Note** To determine supply voltage required, refer to input label on Driver and Dimming System wiring instructions.
2. Connect driver output wires using electrical connectors at Mounting Bracket – FIG 2.2.
 3. Push all wires & connections completely inside wiring compartment – FIG 2.2.
 4. Install Cover using screws provided – FIG 2.2.

DIM2 / EL1 / LU2 120V-277V

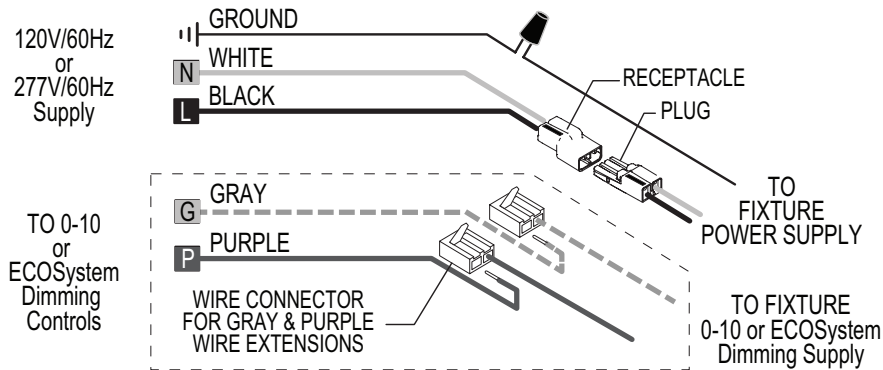


FIG 2.1 Wiring Diagram

NOTE: DIM2 / EL1 drivers are 0-10v dimmable. LU2 drivers are Lutron EcoSystem dimmable.

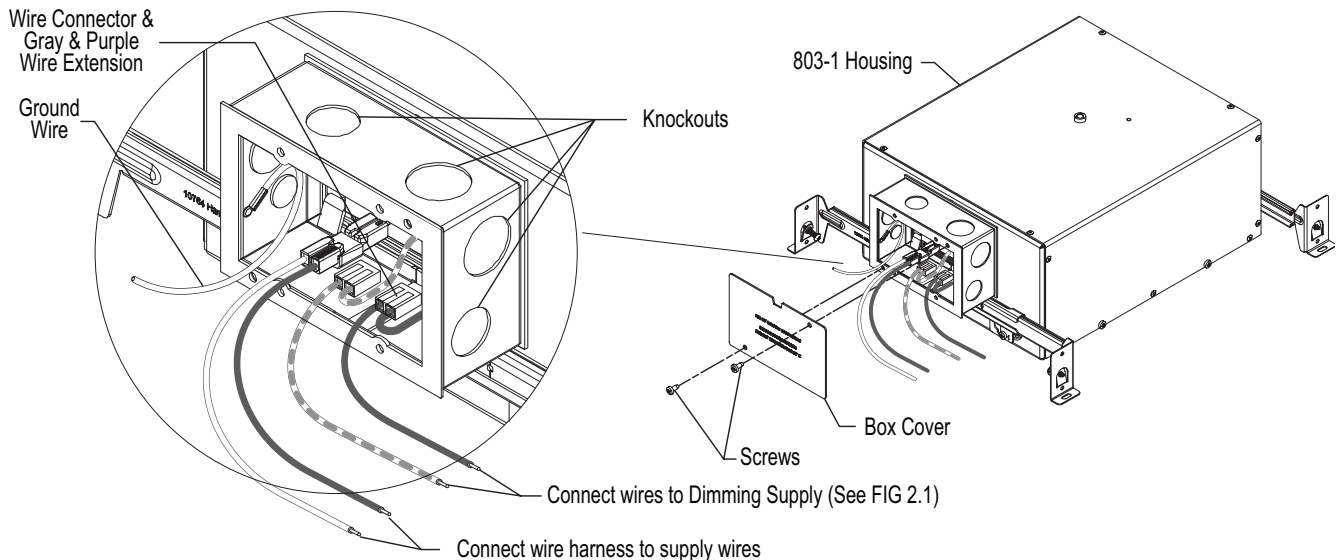


FIG 2.2 Wire Connections

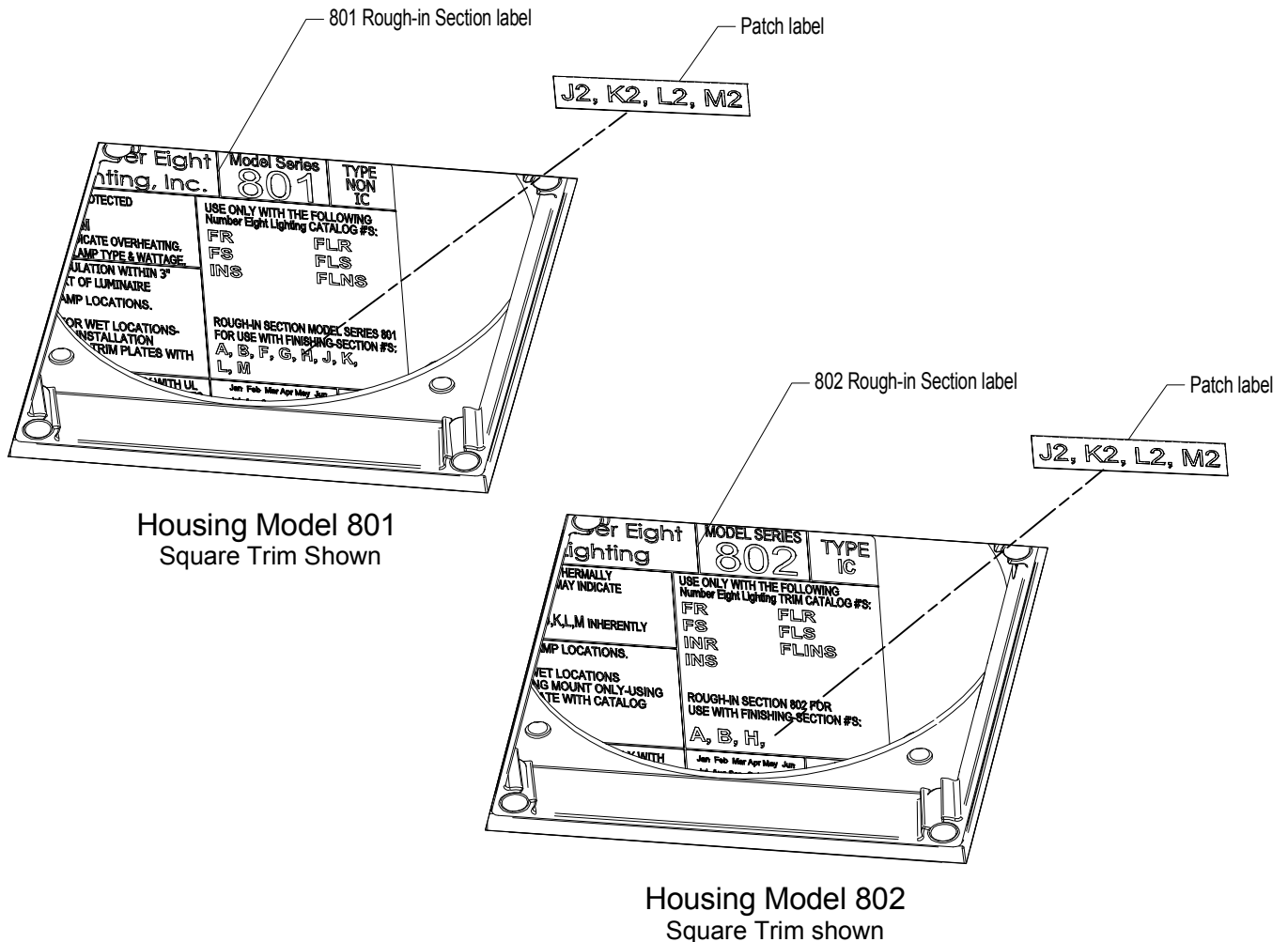
INSTRUCTIONS- J2, K2, L2 & M2 LED LAMP MODULE RETROFIT FOR HOUSING MODELS 801 & 802

The supplied patch label (shown below) is required for retrofitting 801 & 802 housings with LED Lamp Modules J2, K2, L2, & M2. The patch label must be placed on the Rough-in Section label located inside the 801/802 housing.

J2, K2, L2, M2

Step 1 Removing the old lamp module & power supply using p/n 11119 Incandescent Lamp Module Installation / Removal Instructions. This will permit greater access to the Rough-in Section label.

Step 2 Peel the backing off of the patch label & adhere label on top of the existing lamp module letters found on the Rough-in Section Label as shown below. The patch label should completely cover the old lamp model designations.



Step 3 Install the new LED power supply using p/n 11120 LED Lamp Module Installation / Removal Instructions.

Step 4 Install the new LED lamp module using p/n 11120 LED Lamp Module Installation / Removal Instructions.