**LED Lamp Module Instructions**

**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.

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**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.

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**FIG. 1.1 Preparing Lamp Module J2 for installation**

- **Shaft Nut**
- **Rotation Stop Bracket (removable-not compatible for all housing types)**
- **Lock Shaft**
- **Adjust to 45° (see Fig 1.2 below)**

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**FIG. 1.2 Installing Lamp Module J2**

- **Plug Connector for Power Supply Module**
- **Connect after installing Lamp Module**
- **Receptacle Connector for Lamp Module**
- **Optic Lens (Snaps into Lens Ring)**
- **Optional Color Filter Lens** (For color correction)
- **Lens Ring**
- **Diffuser Lens** (Place into Lamp Ring with text facing down for best performance)

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**FIG. 1.3 Securing Lamp Module to Housing**

- **Trim (FS-P1 shown)**
- **Beam designation**
- **Loosen Vertical Adjust Lock Knob**
- **To expose screw head, adjust vertical axis angle to 45 deg using Gear Knob (See Fig 1.4)**

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**FIG. 1.4 Aiming Adjustment**

- **Lock Shaft-Rotate to lock horizontal position**
- **Lock Knob-Tighten to lock vertical axis aiming angle**
- **Gear Knob-Rotate to adjust vertical aiming angle**
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

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

**Step 1**  Before installing Lamp Module, make sure correct LED Power Supply Module is installed.  
**Step 2**  Plug Wire Connector from Lamp Module into Power Supply Module Connector. Push wire up inside housing to avoid interference during installation - FIG 3.2.  
**Step 3**  Choose aiming position & push both Spring Arms up to insert Lamp Module through Housing aperture. Release arms inside Housing & seat Trim Plate into Trim as shown - FIG 3.2.  

**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 to access LED emitter.  
**Optional Accessories:**  Unscrew LED Engine Subassy to add/remove Lens accessories - FIG 3.1.

**FIG 3.2 Secure Wire Connection**  

**FIG 3.1 Installing Lamp Module Accessories**  

**FIG 3.3 Securing Lamp Module to Housing & Trim**
**Lamp Module M2 Installation / Adjustment / Removal**

**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.

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

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

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**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

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**Notes:**
- If LED fails to light check if connectors are plugged together as shown.
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** Un螺丝 & 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
803 AND 801/802 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.
4. Install Cover using screws provided – FIG 1.2.

DIM1 / PR1 / LU1-120V

FIG 1.1  Wiring Diagram

DIM 1, PR1 Forward or Reverse Phase Dimmer

DIM 1, PR1 & LU1 Neutral Wire Control Forward Phase Dimmer

FIG 1.2  Wire Connections

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.
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- 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
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.

**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.