

# BOYD

## INSTALLATION INSTRUCTIONS

### 10534 Tonic Sconce

#### LAMPING SPECIFICATIONS:

- Integrated LEDs (6 watts)
- 120v thru 277v input voltages
- Dimmable with 0-10v control



#### IMPORTANT

AT ALL TIMES, WIRING IS TO BE DONE PER NATIONAL ELECTRIC CODES (NEC) OR APPLICABLE LOCAL CODES. READ ALL INSTRUCTIONS THOROUGHLY. TURN OFF POWER AT CIRCUIT BREAKER OR FUSE BOX BEFORE PROCEEDING.

#### STEP 1

- Carefully unpack fixture and remove the two knobs and the mounting bracket from the back plate of the fixture.
- Turn off power at the circuit before proceeding.

#### STEP 2

- Install the mounting bracket into position over the outlet box. Orient the bracket so that the threaded studs are aligned in a vertical position.
- Attach fixture mounting bracket to the outlet box using screws provided. (See Figure 1)

#### STEP 3

- Make wire connections between fixture and supply wires at the outlet box. Connect black fixture wire to black supply wire (load typical); white fixture wire to white supply wire (neutral); attach fixture ground wire to ground wire or ground screw.
- Use wire connectors provided and push connections inside outlet box. (See Figure 2)



FIGURE 1

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## STEP 4

- Align the fixture back plate with the mounting bracket and secure the fixture to the mounting bracket with the decorative knobs. (See Figure 3)

## STEP 5

- Restore power to circuit and illuminate lamps.



FIGURE 2



FIGURE 3

## LED DIMMING CONNECTIONS

This fixture can be dimmed when used in conjunction with a compatible 0-10v dimmer control. Compatible 0-10v dimmer controls are available from leading companies such as Lutron, Leviton and Lightolier. This dimmer control type is sometimes referred to as 4 wire dimming and requires additional wires be routed into the junction box in the wall. Please contact your Boyd representative about dimming specifications and control systems that are compatible.

Below is a list of more popular 0-10v compatible LED dimmer controls.

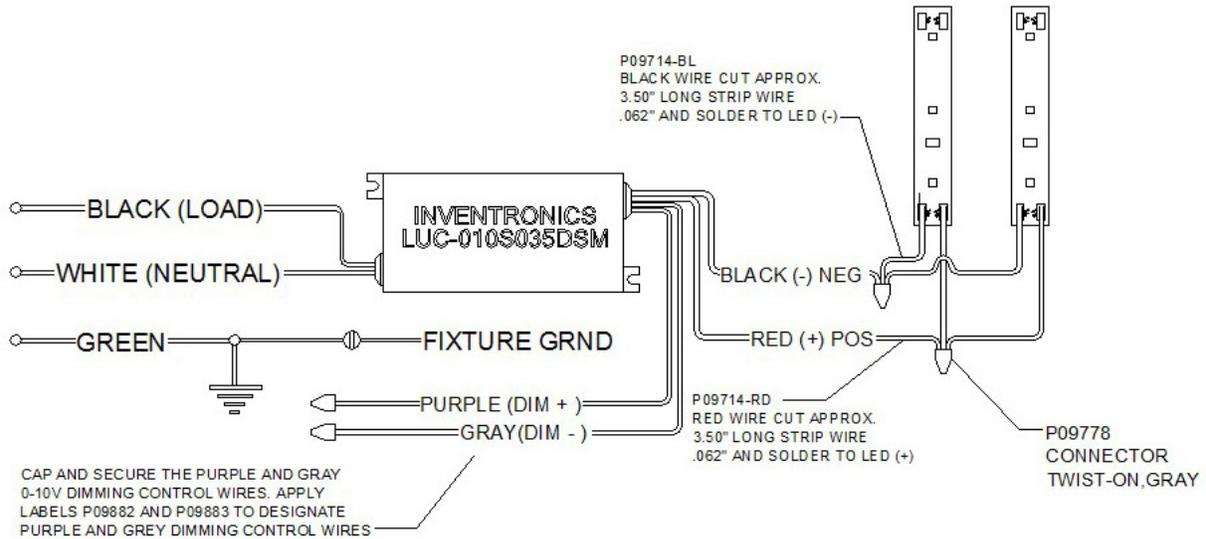
- Lightolier – Sunrise electronic 0-10v dimmer
- Lutron – Diva 0-10v dimmer
- Leviton – IllumaTech Electronic 0-10v dimmer
- Lutron – Nova T Electronic 0-10v dimmer
- Lutron – Maestro digital 0-10v dimmer

## STEP 1

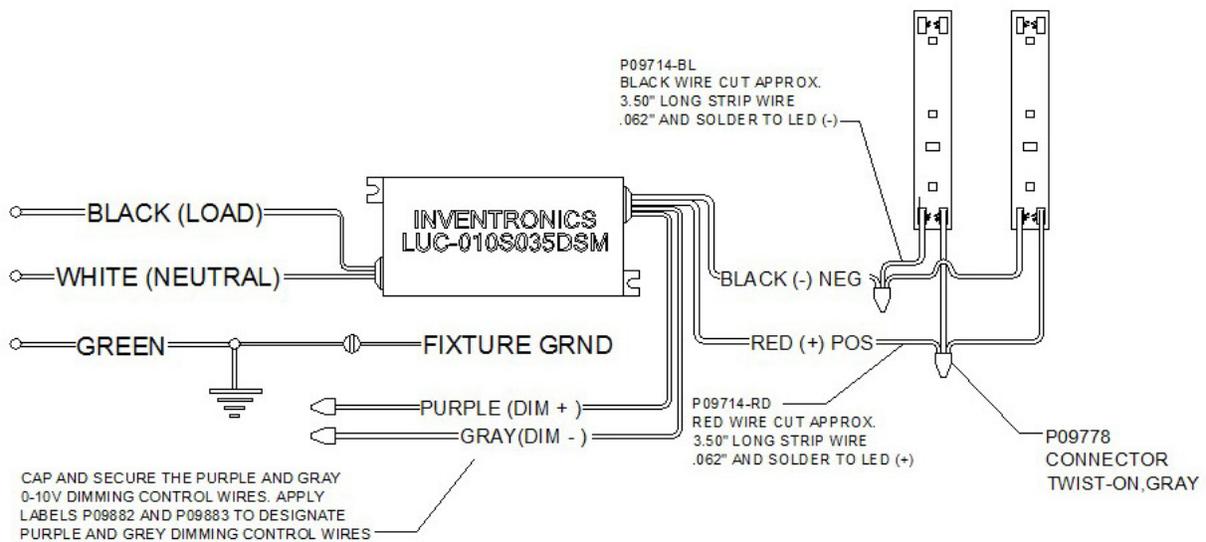
- Connect the (PURPLE) fixture wire to the positive (+) dimmer control wire. Connect the (GRAY) fixture wire to the negative (-) dimmer control wire.

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## INVENTRONICS STANDARD DIAGRAM ( PARALLEL WIRING )



## INVENTRONICS STANDARD DIAGRAM ( PARALLEL WIRING )



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## GLASS REPLACEMENT INSTRUCTIONS

In order to replace the glass accent on the fixture it will be necessary to remove the fixture from the installation on the wall and will require some disassembly of the fixture.

### STEP 1

- If the fixture is installed on the wall, turn off power at circuit breaker or fuse box before proceeding.
- Remove the two knobs at the back plate and carefully lift the fixture away from the mounting bracket on the wall.

### STEP 2

- Disconnect the wires between the fixture and the outlet box and remove the fixture from the installation.

### STEP 3

- Place the fixture on a soft cloth on a sturdy work surface and remove the four screws that retain the back plate to the housing assembly.
- Carefully remove the back plate from the housing. (See Figure 4)

### STEP 4

- Remove the screws and the cover plate from the fixture housing assembly. Removing the cover plate will provide access and visibility of the screws that retain the glass into the housing assembly. (See Figure 5)

### STEP 5

- Carefully loosen and remove the two screws that retain the glass accent piece into the housing assembly. Remove the screws and lock washers completely from the housing assembly.

### STEP 6

- Remove the glass accent from the fixture housing assembly. The glass is held into place by a retainer bracket assembly and protected by a small pad. (See Figure 6)

### STEP 7

- Prepare the replacement glass accent. Apply the pad to the unfinished (rough) side of the glass.
- Install the bracket assembly to the finished (smooth) side of the glass.

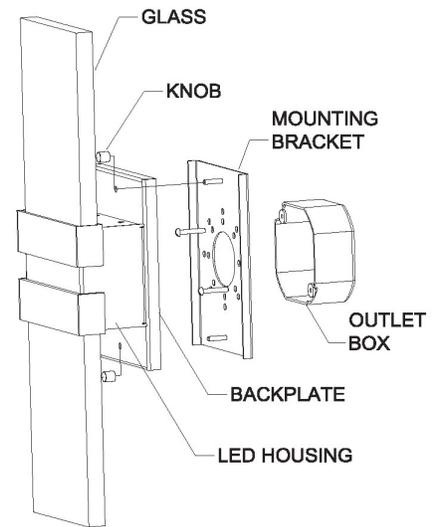


FIGURE 4

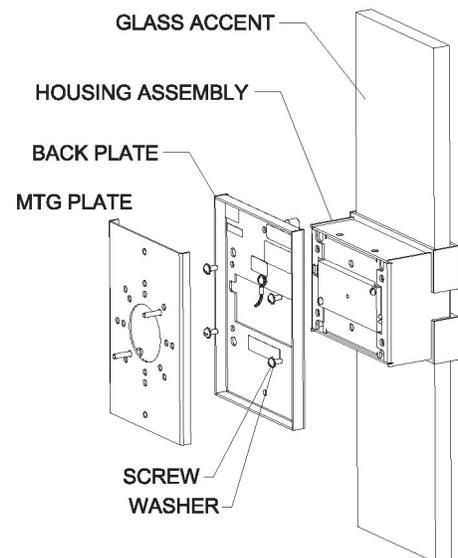


FIGURE 5

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## STEP 8

- Carefully insert the replacement glass assembly into the housing with the smooth side facing outward, do not push glass too far into the housing as the glass may contact the LED strip and cause potential damage to the LED.

## STEP 9

- Secure the glass accent into the housing with the screws and lock washers. Do not overtighten the screws as this could crack or otherwise damage the glass accent. (See Figure 6)

## STEP 10

- Continue to assemble the fixture components in reverse order and install the fixture back onto the wall.

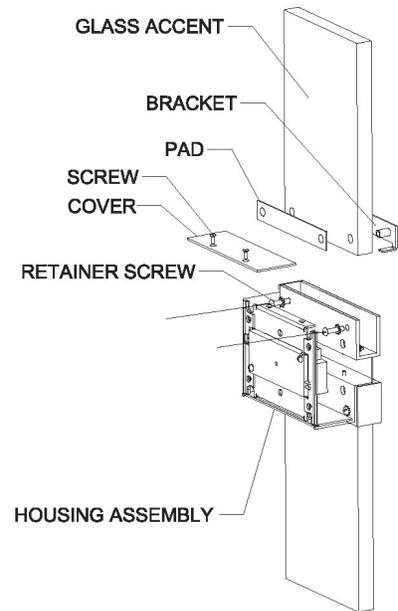


FIGURE 6