

### **READ AND FOLLOW ALL INSTRUCTIONS PRIOR TO INSTALLATION**

**WARNING** – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires and their electrical systems. If necessary, refer installation to a qualified electrician.

**Note** – No drilling or alteration of this kit or the fixture is required for installation of this kit. Drilling of kit or fixture will void warranty.

**WARNING** – Risk of fire or electric shock. Install this kit only in lighting fixtures that have the construction features and dimensions shown in the photographs and/or drawings.

**Note** – Do not make or alter any openings or holes in the enclosure during kit installation.

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

**Note** – These installation instructions do not cover enclosure mounting. See fixture manufacturer's instructions for enclosure mounting.

### **APPLICATION:**

This kit is designed only to be installed into a QSSI VN41 or Grandlite SM012 BNZ 12" X 12" Canopy Fixture

### **KIT INCLUDES:**

- 1 – Conversion Kit — see FIGURE 1
- 4 – #8 -32 x 3/8" Phillips pan head, machine screw
- 4 – One way tamper resistant screws
- 1 – "No Serviceable Parts" sticker

### **TOOLS REQUIRED:**

- 1 – #2 Phillips screwdriver
- 1 – Flat tip screwdriver

### **INSTALLATION INSTRUCTIONS**

- 1) Make certain power is OFF before starting installation. Failure to do so may result in electrical shock or death. Note: LEDs and PCB should not be allowed to come in contact with body or tools during installation process.
- 2) Using a #2 Phillips screwdriver, remove the four enclosure screws and open the enclosure cover. The fixture should now appear as in FIGURE 2.
- 3) Starting with lamp, remove white cover, shown in FIGURE 2, by removing the two screws. Now remove lamp holder, capacitor, igniter, transformer and wiring from inside the lamp leaving the green ground wire attached to the case. Leave at least 4" of the branch circuit inside the luminaire for connection to the retrofit kit. See FIGURE 3.

*Note: the source power may enter through either the junction box knock out or the side plugs. Power source entering junction box knock out is shown.*

*Note: some variation in fixture components may exist from picture shown.*

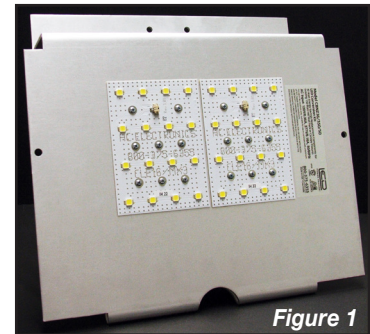


Figure 1

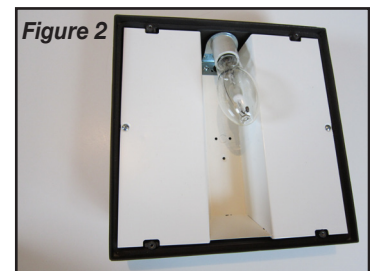


Figure 2

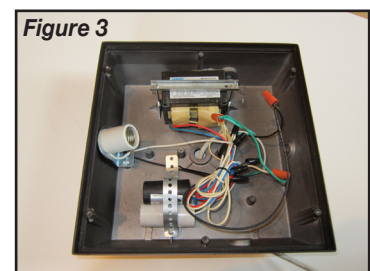


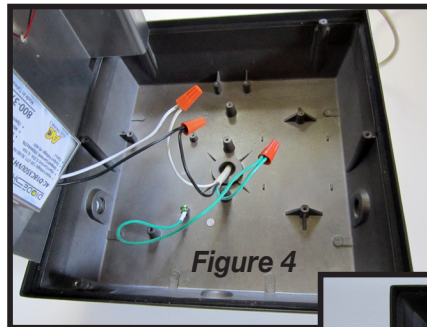
Figure 3

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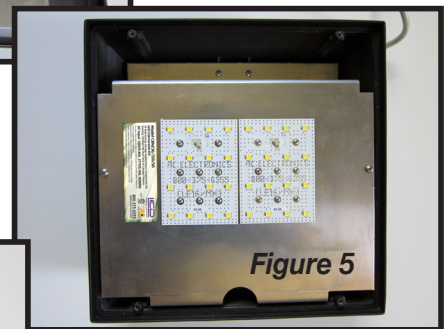
Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

**INSTALLATION INSTRUCTIONS (cont.)**

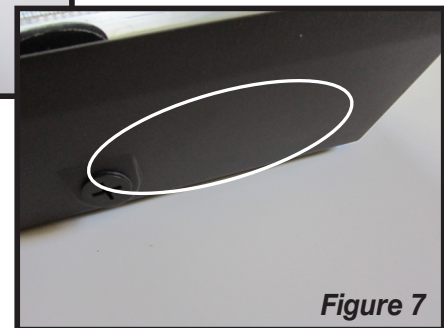
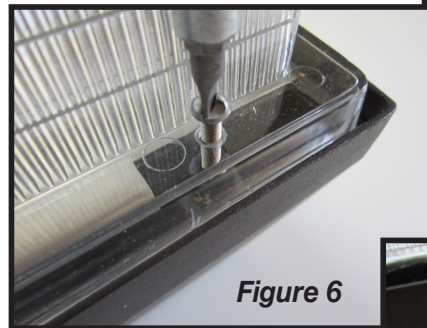
4) Attach green branch circuit lead to green case ground wire using wire nut from original wiring. Next attach branch circuit black wire to driver black wire using wire nut from original wiring. Finally attach white branch circuit wire to driver white wire using nut from original wiring. When finished wiring should be as shown in FIGURE 4.



5) Attach kit bracket to fixture case using the 4 mounting screws. Be certain all 4 screws are present and tightly screwed down. Be certain that no wires are pinched between the bracket and the fixture. When completed the seated kit inside the fixture should appear as in FIGURE 5.



6) Using 4 provided tamper resistant screws, secure enclosure cover. See FIGURE 6. Place the "No Serviceable Components" sticker on side of the enclosure area shown in FIGURE 7.



**Maintenance:**

This conversion kit does not require maintenance.