



Lamp Assembly Installation

Installation Instructions

Before performing any maintenance work, ensure that power to the unit is switched off and the system is locked out.

Prior to the installation of the lamp assembly, the old lamps must be properly removed by the following procedure:

Note: There are two versions of the circuit board. Instructions are provided for both types. Figure 2 displays all of the ports mentioned for both types of board.

Tools Required:

1/2" Wrench
Adjustable Wrench
Phillips Head Screwdriver
Crimper/Crimping Steps

Removal:

1. Remove the (14) 5/16" bolts that secure the cover using 1/2" wrench.
2. Disconnect white wires from terminal 2 (faston terminal 2G for green or 2R for red, if applicable).
3. For circuit boards without faston terminals, cut crimped terminal off of white wires to separate.
4. For red lamps, disconnect the black wire from terminal 4 (faston 4R if applicable). For green lamps, disconnect the black wire from terminal 3 (faston 3G if applicable).
5. Loosen nut at the base of the lamp using adjustable wrench.
6. Unscrew lamp from socket.

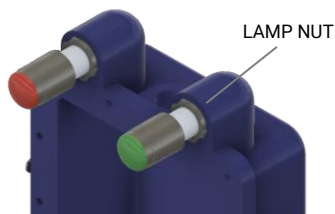


Figure 1:
Lamp Assembly

Installation:

1. Feed wires through lamp socket until the lamp is fully inserted.
2. Screw in lamp so that 6 threads are inside of the socket.
3. Tighten nut using adjustable wrench so that the rubber gasket is compressed against the face of the socket.
4. Crimp wire terminals onto wires. For circuit boards without faston terminals, crimp both white wires together.
5. Connect the white wire to terminal 2 (faston 2G for green or 2R for red, if applicable).
6. For red lamps, connect the black wire to terminal 4 (faston 4R). For green lamps, connect the black wire to terminal 3 (faston 3G).
7. Replace cover and secure using (14) 5/16" bolts. Tighten to 11 ft-lbs using 1/2" wrench.

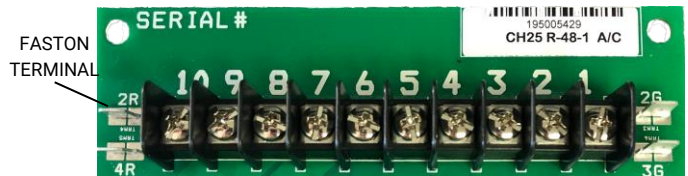


Figure 2:
Circuit Board Terminals