

Instructions for Installation:

C-10614 T-Light 5 Foot
Lamping Specifications:
120-277V 56W LED Strips

C-10615 T-Light 6 Foot
Lamping Specifications:
120-277V 64W LED Strips

C-10616 T-Light 7 Foot
Lamping Specifications:
120-277V 64W LED Strips

Step 1 Remove fixture from packaging. Avoid using a sharp blade on the packaging, as doing so may result in damage to the fixture finish or glass accent.

IMPORTANT: Injury to persons and damage to property may result if fixture or mounting hardware are pulled from the ceiling. Do Not Rely on the outlet box for sole mounting as it is not adequate to support the weight of the fixture. To reduce the likely hood of such injury, mount only on a surface or to a Structural member such as a ceiling stud or similar component with adequate hardware that can support a minimum weight of 55 lbs. (The largest fixture in this series approx weight = 55 lbs)

Step 2 Prepare to mount the electrical canopy assembly to the ceiling. Make wire connections between the driver power supplies and the supply wires at the junction box. Connect the white fixture wire to the neutral supply wire; typically white, connect the black fixture wire to the hot supply wire; typically black, connect the copper fixture wire to the ground wire and or the ground terminal in the outlet box. (Figure 1)

PLEASE NOTE: This fixture features two drivers that power the up light and down light independently. The drivers can be wired to separate circuits should the customer desire to control the up light separately from the down light.

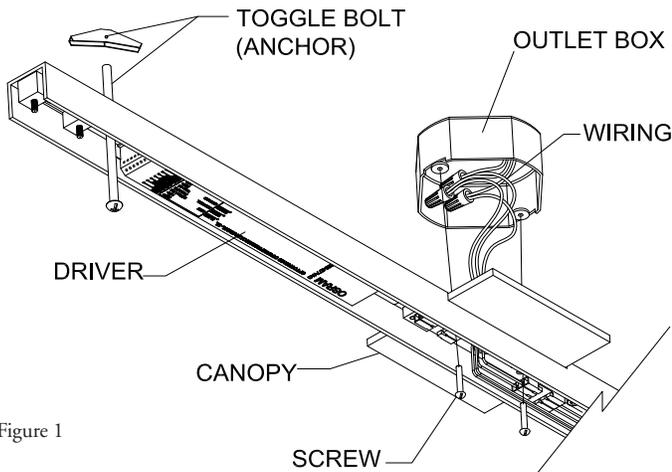


Figure 1

IMPORTANT! AT ALL TIMES WIRING TO BE DONE PER NATIONAL ELECTRIC CODES (NEC) OR APPLICABLE LOCAL CODES

**IMPORTANT | CAUTION
READ ALL INSTRUCTIONS THOROUGHLY.
TURN OFF POWER AT CIRCUIT BREAKER OR FUSE BOX BEFORE PROCEEDING.**

FOR LED DIMMING APPLICATION

This fixture has been wired for low voltage (0-10v) dimming and is designed for use in conjunction with a compatible 0-10v dimmer control. Dimmer controls that are compatible with 0-10v dimming are available from leading companies such as Lutron, Leviton and Lightolier. These controls are sometimes referred to as 4 wire dimming. Load (Black), Neutral (White), Dimming Positive (Purple) and Dimming Negative (Gray).

Connect the (PURPLE) fixture wire to the positive (+) dimmer control wire. Connect the (GRAY) fixture wire to the negative (-) dimmer control wire. If dimming is not desired, leave the control wires capped. Push all connections inside of junction box. (See pages 3 and 4 for wiring schematic)

INSTALL STEM AND COUPLING ASSEMBLY

Step 1 Route the LED fixture wires along with the safety cable from the fixture assembly and up through the suspension stems. Thread the stem into the coupling on the fixture assembly. (See Figure 2)

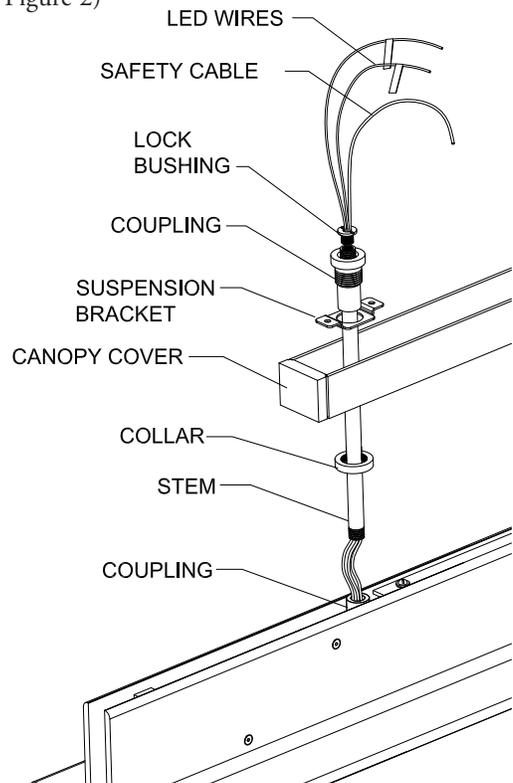


Figure 2

BOYD

Step 2 Carefully lower the collars and canopy cover down the suspension stems and rest on a soft cloth on top of the fixture. Install the suspension bracket. Thread the adjustable coupling on to the suspension stem. Install the lock bushing into the stem from the top side of the adjustable coupling. The lock bushing is designed to prevent the suspension stem from being completely unthreaded which could cause the fixture to fall from the ceiling bracket installation. (See Figure 2)

Note: Orient the fixture so that LED wires routed through the stems will mate correctly with the supply wires from the power supplies at the ceiling (“Uplight” to “Uplight” and “Downlight” to “Downlight”) Labels have been applied to the appropriate wires at the factory to ensure proper connections are made between LEDs and LED power supply.

ATTACH SAFETY CABLE

Route the safety cable from the fixture up and through the support block located in the ceiling assembly. Securely crimp the cable at both stem locations with crimp hardware provided. (See Figure 4)

Step 3 Carefully lift the fixture assembly up to the ceiling installation. Maneuver the wires and safety cable out of the way so that the suspension brackets can be raised up to the threaded studs in the ceiling block assembly. Secure the retainer brackets into position this will allow fixture to hang from the ceiling assembly. (See Figure 2)

FIXTURE LEVEL ADJUSTMENT

The fixture features adjustable couplings at each end of the suspension locations. Hold the suspension stem firmly and make adjustments by rotating the coupling at the ceiling mount. Do not exceed the maximum downward adjustment and confirm that fixture suspension components are securely fastened. (See Figure 3)

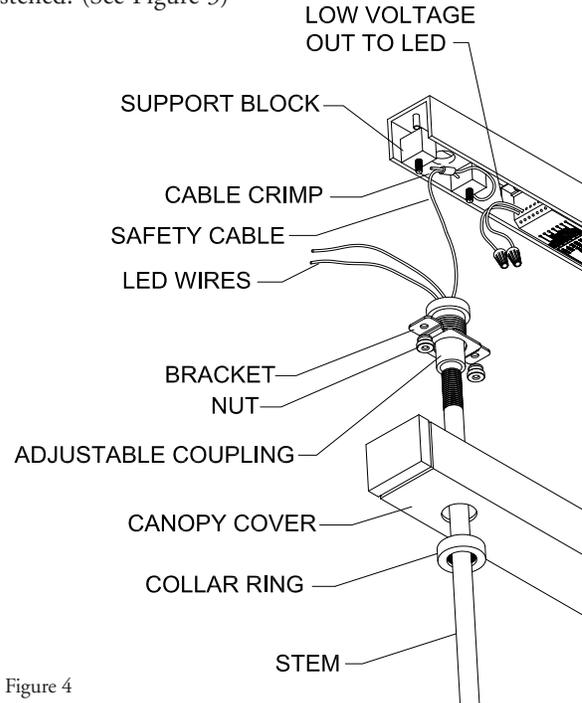


Figure 4

LOCK BUSHING

ADJUSTABLE COUPLING

(COUPLING CAN BE ROTATED TO RAISE OR LOWER STEM)

SUSPENSION STEM (DO NOT ROTATE)

COUPLING

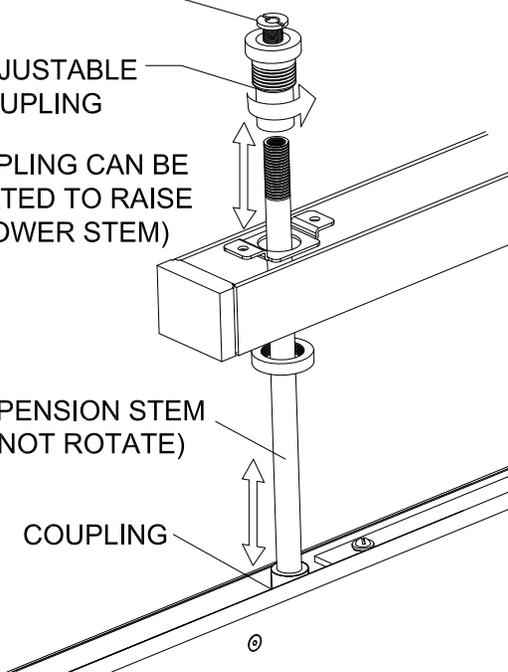


Figure 3

MAKE LED CONNECTIONS

Step 1 Prepare to make low voltage wire connections between the driver and the fixture LED supply wires. Make sure to observe correct polarity between driver and LED when making connections.

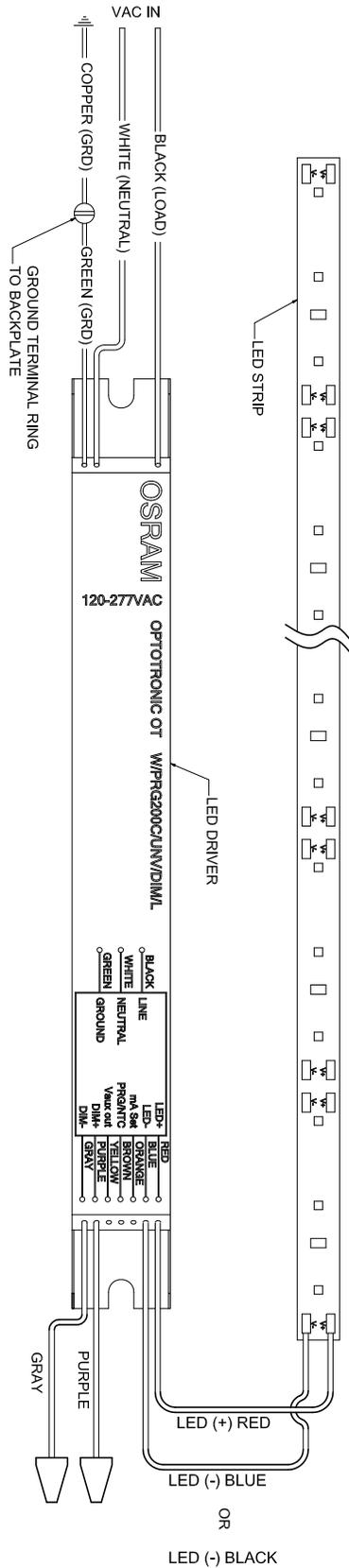
Step 2 Make the LED up light connection. Connect the RED LED fixture wire labeled “up light” to the RED (+) positive driver wire labeled “up light.” Connect the BLACK fixture wire labeled “up light” to the BLACK (-) negative driver wire labeled “up light.”

Step 3 Make the LED down light connection. Connect the RED LED fixture wire labeled “down light” to the RED (+) positive driver wire labeled “down light.” Connect the BLACK LED fixture wire labeled “down light” to the BLACK (-) negative driver wire labeled “down light.”

Carefully tuck the wires into the ceiling extrusion and lift the canopy cover up to the ceiling and secure into place with the threaded collar rings. (See Figure 4)

Restore power to circuit and illuminate fixture.

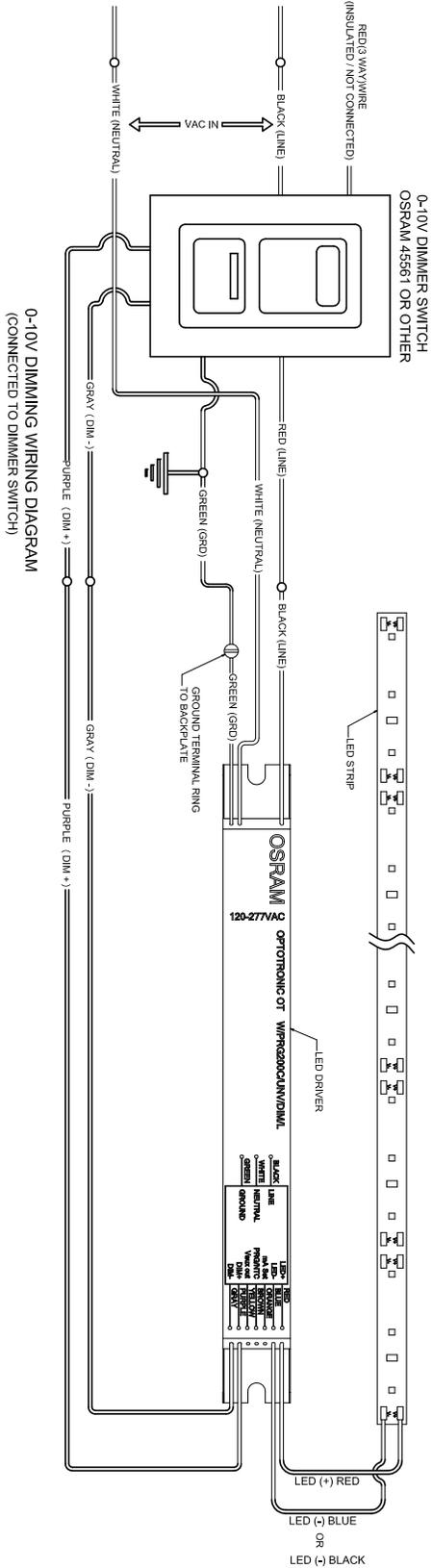
B O Y D



CAP AND SECURE THE PURPLE AND GRAY 0-10V DIMMING THE WIRES INSIDE THE BACKPLATE APPLY A LABEL FOR DIMMING OPERATION

WIRE DIAGRAM FOR LED NON-DIMMING

BOYD



WIRE DIAGRAM FOR LED DIMMING

NOTE: CHECK DRIVER FOR WIRING CHART. IF ANY DISCREPANCIES EXIST BETWEEN INFORMATION ON THE DRIVER BEING USED AND THIS CHART, THE INFORMATION ON THE DRIVER MUST TAKE PRECEDANCE