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SL - SMARTLINE LAY-IN LED TROFFER

A 1:1 replacement for a 1'x2' or 2'x4' fluorescent fixtures

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DMX CONNECTION GUIDE

NOTE

THIS IS A SUPPLEMENTAL INSTALL SHEET TO HIGHLIGHT THE **DMX HOOKUP AND CONFIGURATION FOR THE PANEL**. REFER TO THE SL INSTALLATION SHEET FOR GENERAL SAFETY AND INSTALLATION GUIDELINE PROCEDURES.

1. Distribute panels as desired and install them according to the general safety and installation guidelines for the Smart-Line installations (also supplied or downloadable at www.affineonlighting.com).
2. Locate and mount DMX dimmer onto wall at desired location. Install the **BLACK DMX POWER CABLE** (see cable notes 1) from the dimmer location to the closest panel.
3. At the dimmer location, connect the wires of the DMX POWER CABLE to the DMX dimmer as shown on the right side of Figure 1.

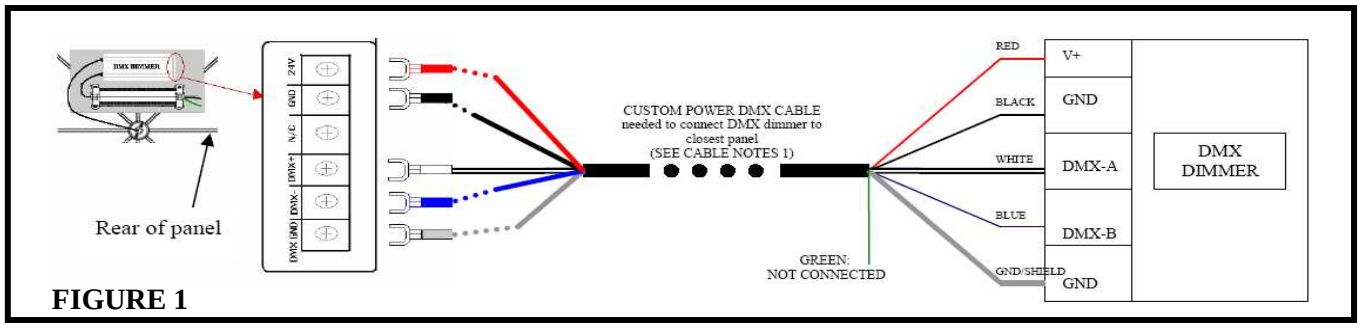

FIGURE 1

4. At the panel location, position the wires from the **BLACK DMX POWER CABLE** to the rear of the panel as shown on the left side in Figure 1. If there is no other fixture, connect all wires as shown in Figure 1and stop here, installation complete.
   If there is a second fixture, secure only the red and black wires; leave the other 3 wires in position, do not tighten these screws yet.
5. Install a length of the standard DMX cable (cable notes 1) between the first fixture (current fixture) and the next fixture in line.
6. Two set of DMX wires are now unconnected at the back of first fixture: one set from the POWER DMX CABLE and one from the standard DMX cable going to fixture 2. Secure these remaining wires at panel 1 (the current fixture) as shown on the left side of Figure 2.

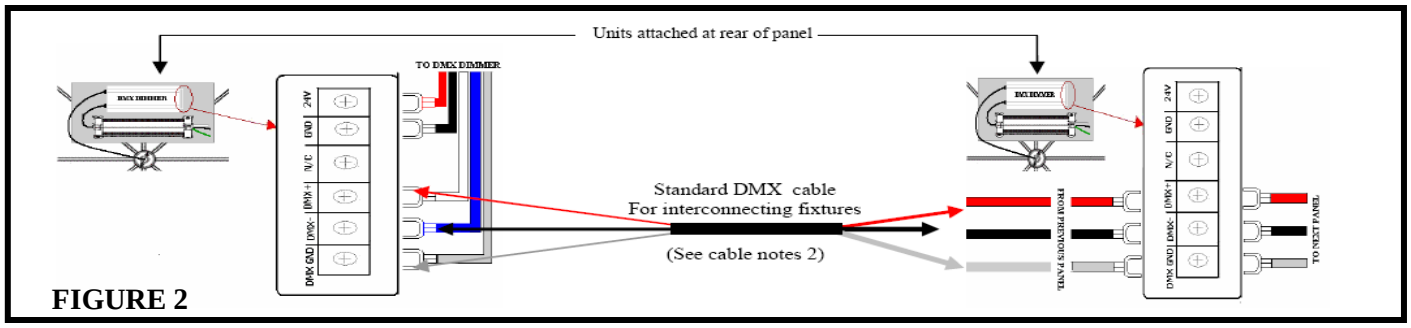

FIGURE 2

7. If there are no more panels, secure all the screws at 'the next fixture' in this case its panel 2. Installation complete, stop here.
   If there is another panel, leave wires in place but do not secure them.
8. To connect a third panel, install another length of standard DMX cable between the second panel and the third panel. Again we have two set of DMX wires unconnected at the back of second fixture: one set from DMX cable coming from the fixture 1 and one set for DMX cable going to fixture 3.
9. Secure these the cables at fixture 2 in the manner shown on right side of Figure 2.
10. If there are more fixtures, install the DMX cable between consecutive fixtures.
11. Continue connecting the previous fixture with the next fixture in the manner depicted in Figure 2 until all the fixtures are connected.

!!!WARNING!!!

Do not make any connections to the 24V and GND connections at the back of any panel unless specifically instructed to on this sheet. Its unauthorized use can damage the fixture and is prohibited. It will also violate any warranty originally offered with the sale of this fixture.

CABLE NOTES

1. The **DMX POWER CABLE** used to connect the first fixture with the DMX dimmer is custom built. In order to locate your DMX dimmer at some distance you will need to purchase your customized length. Contact your sales representative for purchasing info.
2. Standard DMX512 cable is available from your local supplier. You may also purchase it from Affineon Lighting through your sales representative.