

# INSTALLATION INSTRUCTIONS LED SOFFIT STRIP LIGHT FIXTURE



This instruction guide is for an LED soffit light fixture. Please verify that your site requires soffit fixtures before beginning the installation process. Read through all of this instruction guide prior to beginning installation and verify (using packing list) that all parts have been received and are in good condition. If parts were damaged during transit, a freight claim must be filed with the freight carrier. Contact **LSI Graphic Solutions Plus Customer Service at 1-(800) 231-0129** if parts are missing or if the incorrect parts were ordered.

### STEP 1.

Disconnect power before beginning installation. Wiring shall be performed by a qualified electrician only. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

### STEP 2.

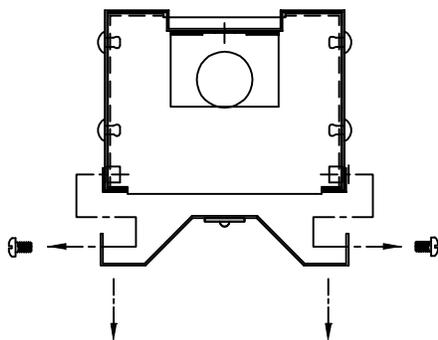
Remove the fixture(s) from the shipping carton(s). Remove the screws along the sides of the fixture(s) and pull the LED reflector(s) away from the fixture(s) as shown below in DETAIL 1. Pull apart the plastic connector(s) connecting the reflector(s) to the power supply and set aside on a scratch free surface.

### STEP 3.

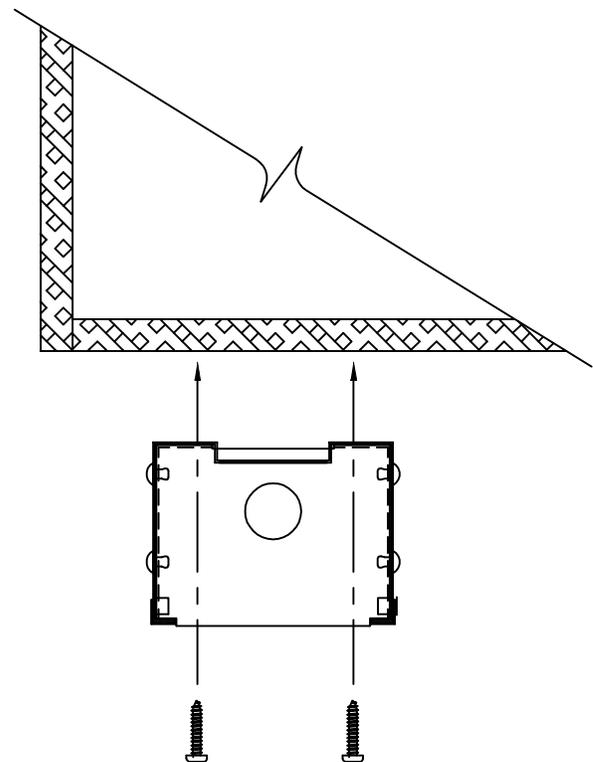
Starting closest to the primary power source, install the first soffit fixture. Choose the appropriate fasteners depending on the type of substrate that the soffit fixture will be mounted. Install two fasteners every two feet from inside the housing and into the substrate as shown below in DETAIL 2.

### STEP 4.

$\frac{1}{2}$ " conduit may have to be run from the junction box to the end of the first soffit fixture. Pull the primary wires into the light fixture housing and connect them to the LED power supply according to local code and National Electrical Code (NEC). If the primary power wires are within 3 inches of the power supply, use wire rated 90 degree C.



(DETAIL 1)



(DETAIL 2)

### STEP 5.

The LED power supply provided can power up to 16 linear feet of LED's. Therefore not every light fixture requires a power supply. The part description of the soffit fixtures supplied with a power supply contain "WPS" and the part description of the soffit fixtures intended to be powered by an adjacent fixture contain "NPS". When connecting multiple fixtures in a series, apply the provided  $\frac{1}{8}$ " x  $\frac{1}{2}$ " gasket around the perimeter of the end of the first fixture already installed (DETAIL 3) and pull the primary wires through the hole in the end of the fixture. Place another soffit fixture next to the previously installed fixture, pull the primary wires and the LED jumper cable through the hole in the end of the fixture, align the two fixtures end to end, press firmly to compress the gasket between the two fixtures and install the fasteners in the second fixture in the same manner as the first fixture. Repeat this process until all fixtures have been installed.

### STEP 6.

The soffit fixtures at the ends of a row or if a fixture is installed as a stand alone unit, the holes at the ends of the of the fixture(s) must be plugged. Install the provided plugs in the holes in the reflector and in the end of the housing to keep water from entering the soffit fixture. See DETAIL 3.

### STEP 7.

Re-install all of the LED reflectors making sure to re-connect the plastic connectors from the power supply to the plastic connectors on the reflectos for each soffit fixture. See DETAIL 4.

### STEP 8.

Turn the primary power back on and test all of the soffit fixtures.

