



INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS. READ ALL INSTRUCTIONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION! Please read all instructions before installation.

- Keep these instructions for future reference.
- Must be installed by a qualified electrician in accordance with national and local standards. Designplan is not responsible for fixtures installed without regard to these standards.
- Unauthorized alterations or tampering of product voids warranty.
- The main power connection must be in accordance with local electrical codes.
- Suitable for INDOOR applications.
- DO NOT INSTALL INSULATION WITHIN 3.0" OF ANY PART OF THE LUMINAIRE.



Electrical Connections:

- LED lights must be **connected in series** respecting polarities.
- **CHOOSE POWER SUPPLY ACCORDINGLY.** Please consider the voltage through which fixtures are fed as well as the max power consumption.
- **Connect power only if all fixtures are connected.**
- The power supplies **MUST** be installed in aerated rooms, far from heat sources. Overworking or lack of air circulation will not permit natural dissipation.
- The electronic power supply is current-stable, therefore it partially compensates the voltage-drop problems related to the cable length; we suggest not to exceed 100 ft.
- Use only Class 2 type electronic power supply.
- Never use switches on secondary circuit.

ATTENTION: For Wall/Ceiling - It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface to satisfy wet label requirements.

Maintenance

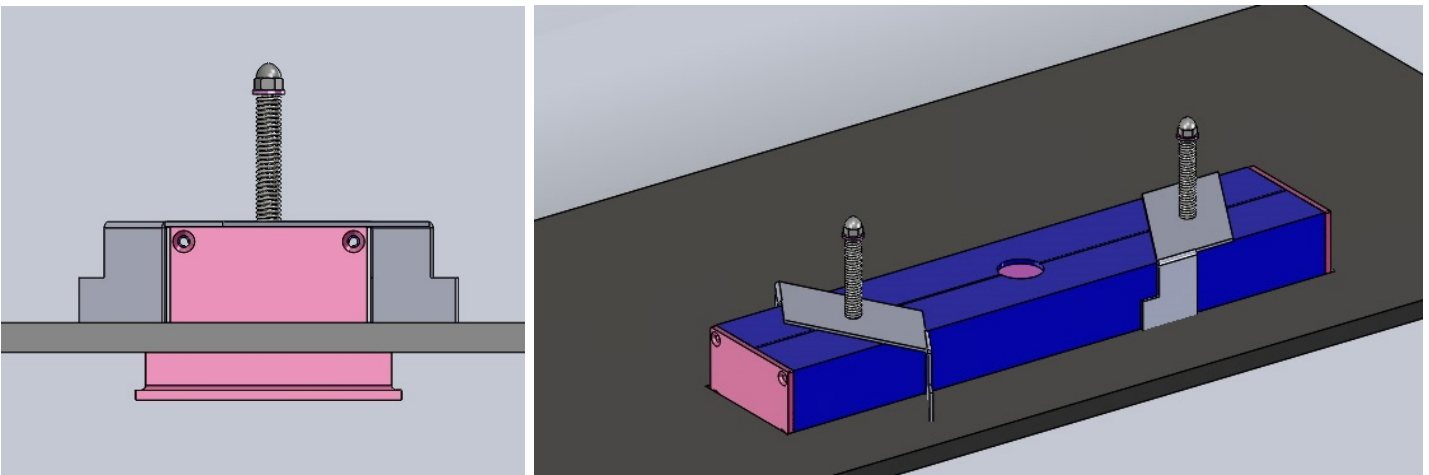
Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device.
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components such as the ballast, driver, washers and screws must not show clear signs of oxidation or rust. Clear traces of rust and oxidation will indicate the presence of water inside the device.
- In the case of damage, the components must be replaced by original components or spare parts.

Mounting Procedure for Continuous Run of Fixtures

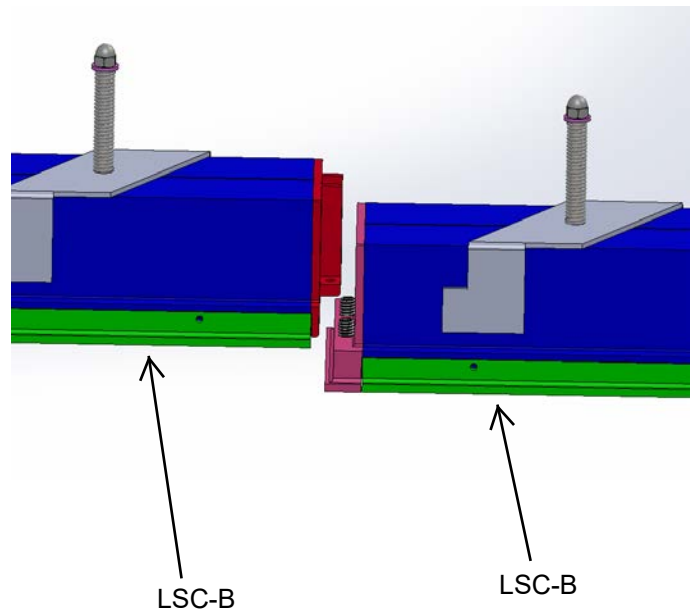
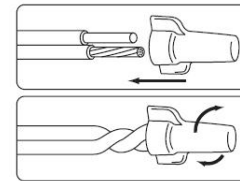
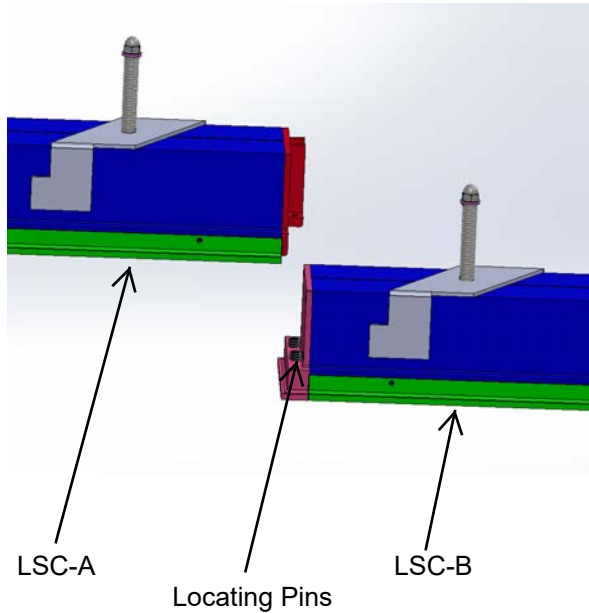
- Fixture consists of an extruded housing with low voltage LED module and hinged cover with lens.
- Begin by determining the location for the fixture(s), and cutting a rectangular hole in the ceiling that measures 45-23/32" x 2-9/16" (for 4FT fixture). Cut a rectangular hole the size of the total length of all the fixtures lined up together.
- Pull the power feed from remote driver down through this hole. Feed the power through 1/2" conduit entry. (One driver for each fixture).
- Open the fixture cover by loosening the setscrews on the side of the cover and carefully unplug the LED tray and remove it from the fixture for the mounting.
- The recessed fixture has (3) mounting springs for (4FT) on the back side of the housing.
- Adjust the height of the mounting spring according to the ceiling thickness by rotating the screw. Mounting Spring can be used for ceiling thickness from 3/8" to 1". Insert the recessed fixture into the cutout in the ceiling and rotate the screw to tighten the mounting springs down onto the ceiling.
- It's contractor responsibility to provide proper support as per the local building code.
- It is the contractor's responsibility to caulk around all the edges between the fixture(s) and the mounting surface to satisfy wet label requirements.
- For continuous run, follow the steps on next page.
- Plug LED tray back to the fixture and secure it to the housing.
- Close fixture cover by tightening the setscrews by Allen wrench (supplied).
- It is the contractor's responsibility to install Remote Driver in a suitable electrical enclosure.
- It's contractor responsibility to provide proper power cord (dia 0.17"-0.45") to satisfy wet label requirements.

MOUNTING SPRING IN CLAMP POSITION (Shown for single fixture).

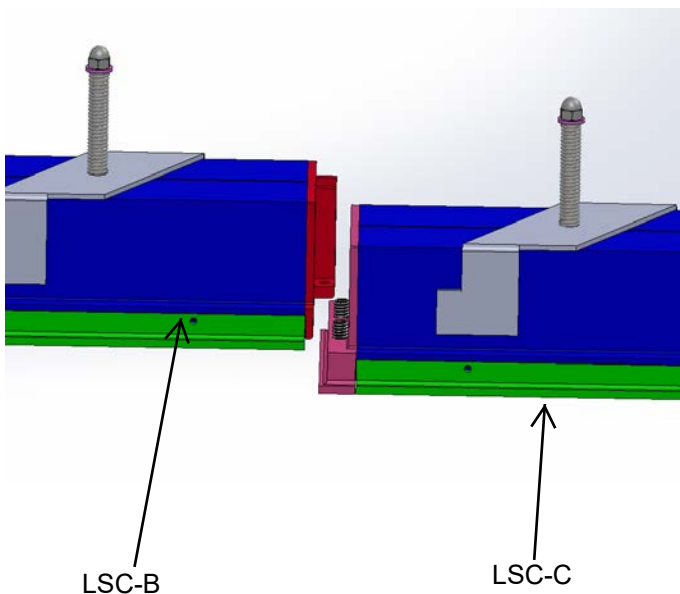


Fixture Installation (For Continuous Run)

Contractor MUST use gel-filled wire nuts.



Use locating pins to line up the end cap holes from one fixture to the other.



- To start the run, position LSC-A fixture into ceiling, referring to mounting procedures for properly clamping the fixture into place.
- Once LSC-A fixture is mounted, position LSC-B fixture in such a way as to allow end plate of LSC-A to the end plate of LSC-B. Follow proper mounting procedures to secure fixture to ceiling.
- Repeat the same process for connecting any other LSC-B fixtures.
- Once all the LSC-B fixtures are secured in place, repeat the same process for mounting the LSC-C fixture to end the run.

Fixture Installation

