

# LUXRITE LED STRIP LIGHT INSTALLATION INSTRUCTION



MODEL# LR25140  
LR25141  
LR25142  
LR25143  
LR25144  
LR25145  
LR25146  
LR25147  
LR25148

## PACKAGING CONTENTS

A. Fixture channel



B. Decorative end caps



C. Channel cover with LED's



D. Lens assembly



## ITEMS REQUIRED

### (Purchase separately)

- Stud mount (2) 1 1/2in. long #8 or larger wood screws and a #10 flat washer
- Drywall mount (2) 3in. long 3/16" or larger diameter toggle bolt and #10 flat washer (if joist cannot be located)
- Phillips screwdriver
- Flat head screwdriver
- Pliers
- Hammer
- Safety glasses
- Ladder

Note: This product is intended for either single mount or continuous row applications.

## IMPORTANT SAFETY INSTRUCTIONS

When using product, basic precautions should always be followed, including the following:

- Read and follow these instructions.
- Heed all warnings, including below warnings AND those included on product.
- Save these instructions and warnings.



## WARNING

- Risk of fire/electric shock.
- Ground fixture to avoid potential electric shock.
- Turn off the power at fuse or circuit breaker box before installation and maintenance.
- Edges may cut. Handle with care.

## CAUTION

- The fixture is connected to 120-277 volt, 50Hz or 60Hz power source.
- Fixture should be installed by persons with experience wiring or by a qualified electrician. The electrical system, and the method of electrically connecting the fixture to it, must be in accordance with the National Electrical Code and local building codes.

# INSTALLATION INSTRUCTIONS

1. Turn off the power at the main fuse/breaker box. Carefully open carton, remove fixture and end caps from carton.

2. To remove the channel cover with LED's from the main channel body squeeze beneath the embossed locking tabs on the main channel body and lift on the channel cove with LED's. Do this for all 6 locking tab locations (Fig.1.). The channel cover with LED's can be placed in safe location until fixture is mounted.

3. Remove appropriate knockout(s) for power supply wiring. To remove, simply place a flathead screwdriver on the knockout and strike it sharply with a hammer (Fig.2.) The slug may then be removed with pliers.

4. Connect L/N wire using supplied wire nut (Fig.3.)

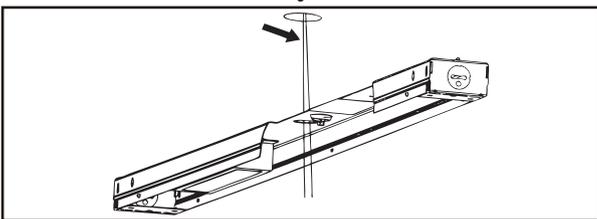
5. Prepare the supply wires.  
A. Wiring must comply with all applicable electrical codes.  
B. Strip wire to 3/8" (9.5mm). (Fig.3.)

6. Attach junction box cover plate and pull wire through junction box (Fig.4.)

**Note: See row mounting section if row mounting before continuing to step 7.**

7. Locate power supply wires from the junction box and pull them through the knockout that has been removed on the main channel body so that the wires and disconnect are inside the housing channel (Fig.5).

Fig. 5



8. Attach main housing channel to ceiling or wall using #8 or larger diameter wood screws plus #10 flat washer for stud mount or 3/16" diameter or larger toggle bolt plus #10 flat washer for drywall mounting. The spacing for mounting brackets is 37-3/16" for 4' fixture or 14 9/16" for 2' fixture. (Fig.6&7).

**Note: 2' fixture mounting hole pattern is not symmetric.**

Fig. 6

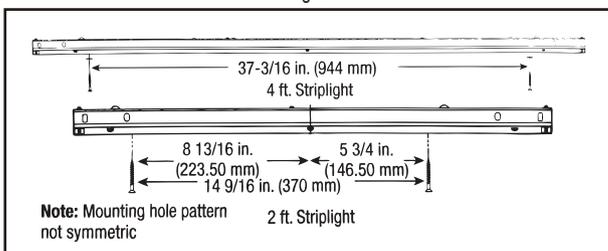


Fig. 1

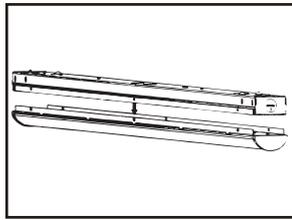


Fig. 2

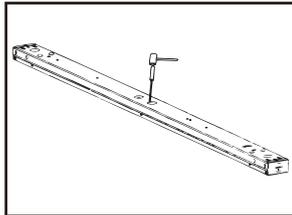


Fig. 3

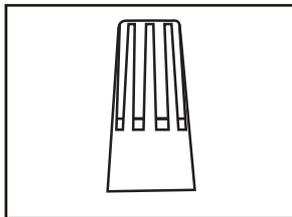


Fig. 4

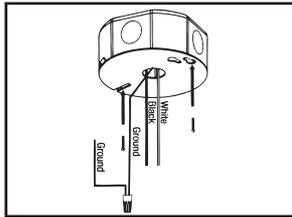


Fig. 7

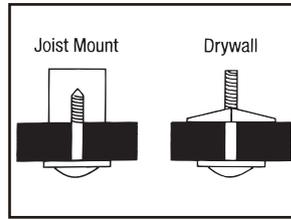
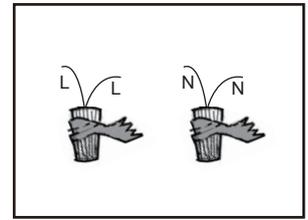


Fig. 8



9. Connect junction box and driver using supplied wire nut. Black to black and white to white. (Fig.8).

Fig. 9A

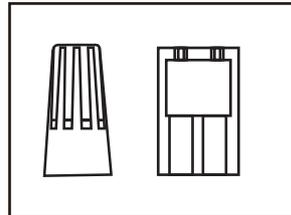


Fig. 9B

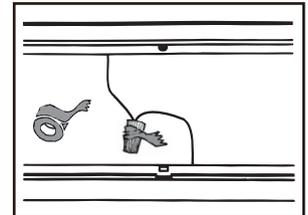
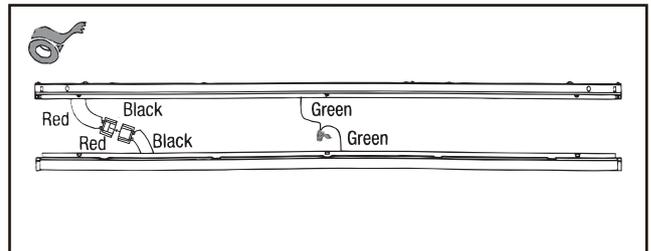


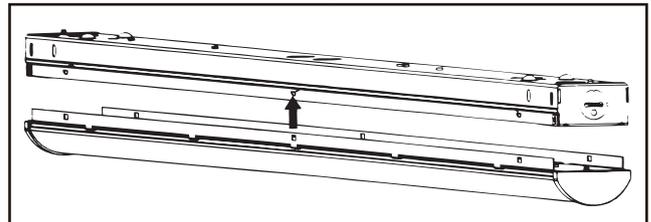
Fig. 9C



10. Locate the channel cover with LEDs and provided lead wires to make connections to the driver output wires and ground wire. To properly engage wires, firmly push wire leads into the orange in-line connector attached to the driver output leads. Connect the black lead on the cover with the black lead on the driver. Then, connect the red lead on the cover with the red lead on the driver. Lastly, connect the green lead on the cover with the green ground lead on the housing channel. For fixtures with 2 drivers connect the second set of black and red wires to the Channel cover with LED's. Black to black and red to red (Fig. 9A, 9B & 9C).

**Note: For dimming see Installing Dimmer Instruction Section.**

Fig. 10



11. Tuck all the excess supply wire, orange inline connectors, and the quick disconnect back into the main channel housing.

12. Mechanically attach the Channel cover with LED's back to the housing channel by sliding the Channel cover with LED's holes onto the locking tabs on the main housing channel (Fig. 10) ,Remove protective film from the lens.

13. Optional: Attach decorative end caps by placing the end cap's locking tabs over the ends of the fixture and sliding towards the center of the fixture until both the locking tabs snap into end cap holes on main housing (Fig. 11A & 11B).

**Note: Decorative end caps cannot be placed between two fixtures which have been row mounted together. For row mounting decorative end caps can only be placed on far ends of fixture.**

Fig. 11A

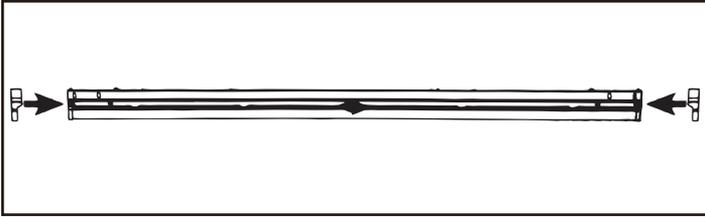
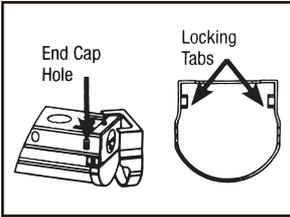


Fig. 11B



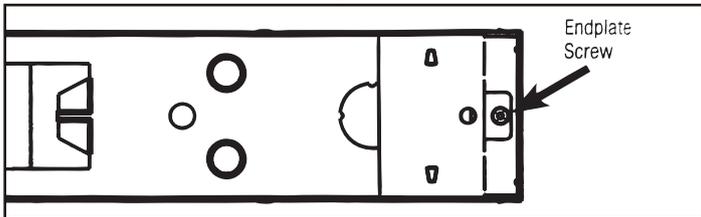
This LUXRITE Fixture, when properly installed and under normal conditions of use, are warranted to be free from defects in materials for three years from date of sale.

**Allstar Lighting Supplies Inc. 33 Randolph Ave. Avenel NJ 07001  
Tel: 732-882-1500**

## ROW MOUNTING

1. For row mounting locate the metal end plate at the end of the fixture of the main channel body which you plan to remove. Remove the endplate screw from the metal endplate(Fig.12).Repeat for adjacent fixture.

Fig. 12



2. Squeeze the main channel housing to release the locking tabs on the metal end plate and remove the metal end plate from main channel housing(Fig.13). Repeat for adjacent fixture.

Fig. 13

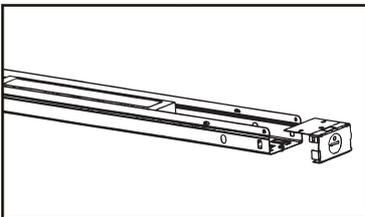
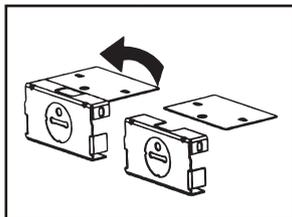


Fig. 14A



3. Using one of the metal end plates which you just removed break away the row mounting tab by bending the end plate. A few maximum bends may be required to completely break away the tab (Fig. 14A).
4. Using the mounting tab from the metal end plate insert it into the slots provided at the end of the main channel housing (Fig.14B). Ensure locking tabs are facing thelocking tab hole provided in the main housing body. Slide row mounting tab into slot until an audible click is heard (Fig.14C).

Fig. 14B

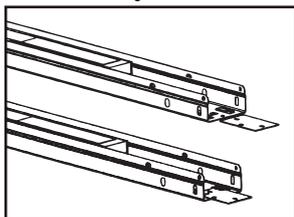
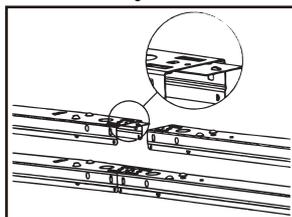


Fig. 14C



5. Mount the first fixture with row mounting tab following steps 7-12 above.
6. To install second fixture side fixture over row mounting tab (Fig. 14C) and follow steps7-12 above.