

Phillips Shield Canopy LED Rail Repair Kit Instructions

These instructions explain how to use the kits below to replace damaged LED strips on Phillips Shield image canopies. Contact LSI Customer Service at 1-800-231-0129 for installation support.

Read through all of the instructions prior to beginning installation, and verify (using the packing list) that all parts have been received and are in good condition.

Parts

KIT TRIAGE SHIELD SMALL, RED LED/WHT LED/60W PS, PN 775825

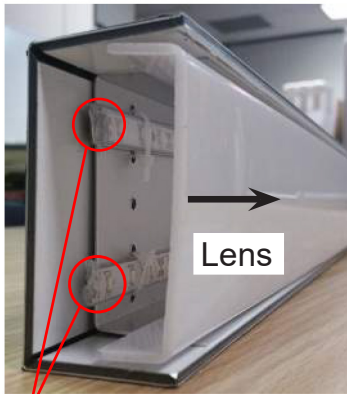
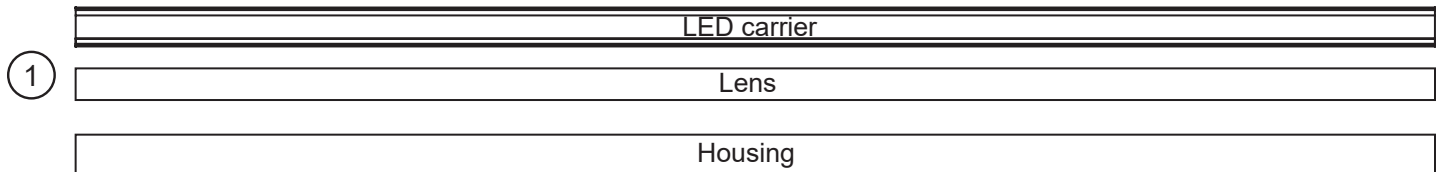
KIT INCLUDES: (4) RED LED STRIPS, (4) WHITE LED STRIPS, (4) 60W POWER SUPPLIES)

KIT TRIAGE SHIELD LARGE, RED LED/WHT LED/60W PS), PN 775827

KIT INCLUDES: (8) RED LED STRIPS, (8) WHITE LED STRIPS, (4) 60W POWER SUPPLIES)

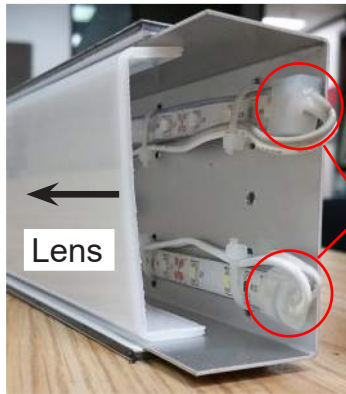
RED LED STRIP AND WHITE LED STRIP ARE PROVIDED IN 8 FT OR 16 FT LENGTHS.

CUT HERE IF 16 FT WITH WHIP ON BOTH ENDS IS PROVIDED.

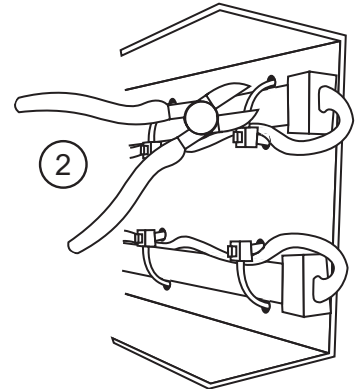


No connectors on this end.
Note silicone on cut end.

①

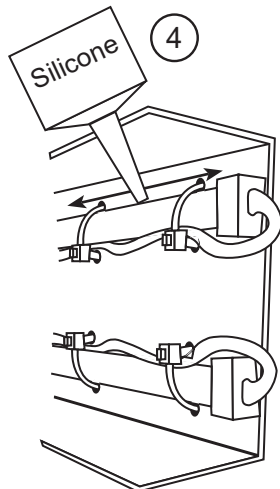
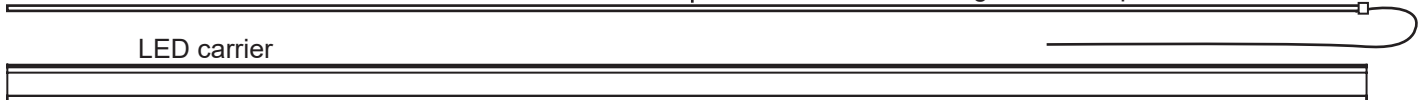


Note end connectors here.



③

Damaged LED strip



④

1. Unbolt light bar from canopy. Remove Lens and Housing from LED carrier. Cut LED cable where it joins damaged LED strip.

2. Cut zip ties of damaged LED strip with diagonal cutter.

3. Remove entire damaged LED strip. Cut any soft adhesive like silicone with a knife or scraping tool. Cut or break any hard glue with with a screwdriver, chisel or scraping tool. DO NOT DAMAGE LED CARRIER REMOVING GLUE.

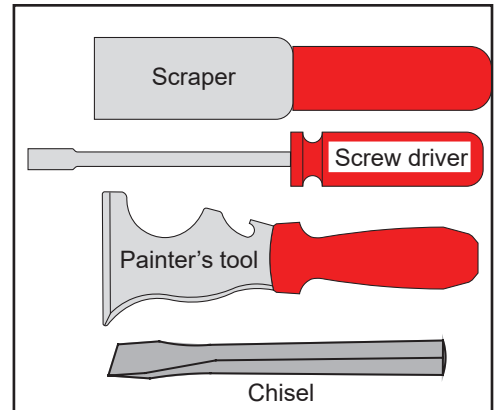
4. Clean off surface of LED carrier to prep for new LED strip using 50/50 isopropyl alcohol (IPA)/water solution, wipe dry with lint free cloth, allow to air dry. Pick up entire new LED strip of **same color as damaged strip** being replaced. Peel off backing from LED strip, stick LED strip onto LED carrier. Secure LED strip with new zip ties. Run clear silicone along LED strip for additional adhesion.

5. Splice LED strip whip to cut end of old cable using crimp connectors, or twist the wires and cap with wire nuts. Putting silicone over wires at connection will help seal out moisture. Bolt light bar back on canopy.





- If cutting is required, cut LED strip at cut points only, designated by the line between the corresponding pair of solder/connector dots.
- CUT ONLY END OPPOSITE FROM THE CONNECTOR (KEEP SIDE WITH WHIP).
- Put silicone on cut end of strip to keep out moisture and for electrical insulation.



Use tool that is sharp enough to remove glue under LED strip, but not damage base material. Hammer can be used at end of handle, but do not hit hard enough to cause damage.

