

25500432A REV. A 0917

## Safety Message to Installers of Federal Signal LED Lights

### **⚠ WARNING**

- To properly install or service this equipment, you must have a good understanding of automotive mechanical and electrical procedures and systems, along with proficiency in the installation and service of vehicle lighting equipment. Always refer to the vehicle's service manuals when performing equipment installations on a vehicle.
- This product produces bright light that can be hazardous to your eyesight when viewed at a close range. Do not stare directly into this lighting product at a close range or permanent damage to your eyesight may occur.
- To avoid a battery explosion, always disconnect the negative battery cable first and reconnect it last. Avoid causing a spark when connecting near or to the battery. The gases produced by a battery can cause a battery explosion that could result in vehicle damage and serious injury.
- DO NOT install equipment or route wiring in the deployment path of an airbag.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged. Remove all burrs from drilled holes. To prevent electrical shorts, grommet all drilled holes through which wiring passes. Also, ensure that the mounting screws do not cause electrical or mechanical damage to the vehicle.

Failure to follow all safety precautions and instructions may result in property damage or serious injury, or death.

## Introduction

The COMFLEX series of LED strip lights is a flexible, self-adhesive compartment light available in lengths of 9, 18, 27, 36, 45, 54, and 63 inches. They can be shortened by cutting at the indicated locations. The nominal operating voltage is 12.8 Vdc. Use a 3 A fuse to protect each individual strip.

**IMPORTANT:** Plan all cable routing before completing the installation. Plan the location of the wire-routing hole so that the power cable does not have tight bends and has some slack to allow disconnection when the lightbar is removed.

## Installing the Lights

To install the strip lights:

1. Select a mounting location out of direct weather.
2. Clean the mounting surface of dirt, oil, and moisture.
3. Cut the strip to length if needed. Refer to the figure on page 2.
4. Remove the backing material and adhere the light to the surface.
5. For strain relief at the center and the ends of the strip, use the provided screws and clips

## ***Installation Instructions***

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6. Connect the black wire to ground.
7. Connect the red wire to a switched, positive 12.8 Vdc source.

Scissors indicate cut locations on strip



### **Getting Technical Support and Service**

The Federal Signal factory provides technical assistance with any problems that cannot be handled locally. Any units returned to Federal Signal for service, inspection, or repair must be accompanied by a Return Material Authorization (RMA). Obtain a RMA from a local Distributor or Manufacturer's Representative. Please provide a brief explanation of the service requested, or the nature of the malfunction.

#### ***For technical support and service, visit:***

<https://www.fedsig.com/technical-support>

<https://www.fedsig.com/service-centers>

#### ***For the product warranty, visit:***

<https://www.fedsig.com/SSG-Warranty>