

25500382 REV. A0 3/7/307

## Safety Message to Installers of Warning Light Equipment

### **▲ WARNING**

People's lives depend on your safe installation of our products. It is important to read, understand, and follow all instructions shipped with this product and the related add-on products. In addition, listed below are some other important safety instructions and precautions you should follow:

- To properly install a light assembly, you must have a good understanding of forklift electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- To be an effective warning device, this product produces bright light that can be hazardous to your eyesight when viewed at close range. Do not stare directly into this lighting product at close range or permanent damage to your eyesight may occur.
- You should frequently inspect the light system to ensure that it is operating properly and that it is securely attached to the vehicle.
- Refer to the instruction sheets included with related products for additional precautions and information.
- File these instructions in a safe place and refer to them when maintaining or reinstalling the product.

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

## Introduction

These instructions describe how to mount and wire the Commander Model ComFL1 Forklift-Approach Blue Warning Light. The light includes a stainless steel bracket and mounting hardware that enables you to adjust the blue beam horizontally and vertically.

## Unpacking the Light

After unpacking the light, inspect it for damage that may have occurred in transit. If it has been damaged or is missing a part, do not attempt to install or operate it. File a claim immediately with the carrier, stating the extent of the damage. Carefully check all envelopes, shipping labels and tags before removing or destroying them. Ensure that all parts in Table 1 have been included. If you are missing any parts, contact Customer Support at 1-800-264-3578, 7 a.m. to 5 p.m., Monday through Friday (CT).

### **▲ WARNING**

***THIS LIGHT IS FOR SUPPLEMENTAL WARNING ONLY: The Model COMFL1 Warning Light is not intended to replace existing safety devices or safety practices. Failure to heed this warning may cause serious injury or death.***

### **▲ WARNING**

***THIS LIGHT MUST BE INSTALLED BY A QUALIFIED TECHNICIAN in accordance with OSHA Standard 1910.178(q), (Maintenance of industrial trucks): Failure to heed this warning may adversely affect the operation of the lift truck and/or warning devices, causing serious injury or death.***

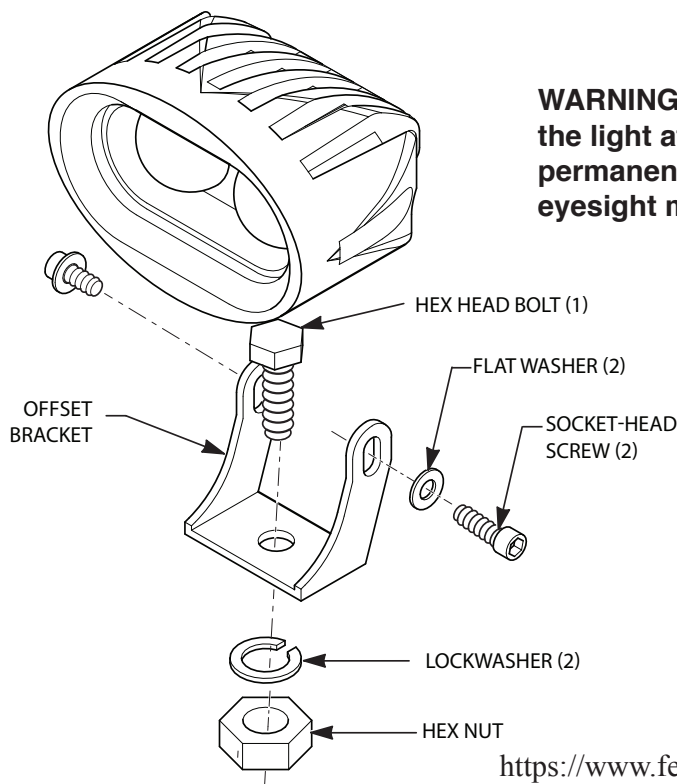
## Installing the Model COMFL1

Before you begin, plan all wire routing.

To install the light:

1. Determine the mounting location for the light and the installer-supplied control switch.
2. Drill a 3/8 in (9.525 mm) hole at the mounting location for the mounting bracket. Use the supplied lockwasher and nut to secure the bracket to the vehicle as shown.
3. Route an 18 AWG wire from the power source to the location of the control switch.
4. Install a user-supplied 5 A fuse and fuseholder as close as possible to the power source.
5. Route an 18 AWG wire from the switch to the location of the LED module
6. Route an 18 AWG wire from the location of the LED module to the nearest convenient chassis ground. The battery is recommended.
7. The wire functions of the LED module are:
  - BLACK:** Ground (-)
  - RED or WHITE:** Power for internal flasher (+)
8. Check the wiring and test the light for proper operation.

Exploded view of the COMFL1 with mounting hardware



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