

# OPERATION INSTRUCTION

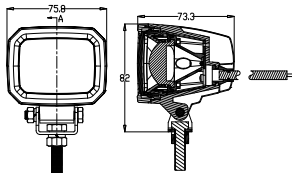
BLUE & RED LED SAFETY FORKLIFT  
APPROACH WARNING LIGHT

6069-02

## Specifications



- ※ Voltage: Multi-voltage 10- 60VDC
- ※ Beam: Spot beam
- ※ Mounting: Bracket mount
- ※ LED Color: Blue or Red
- ※ Lens: Convex lens
- ※ IP Rating: IP67
- ※ Small spot lamp projects a bright red line or blue line on the floor indicating a clear danger zone to keep pedestrians away.



## Parts List

| QTY. | DESCRIPTION                        |
|------|------------------------------------|
| 1    | Wire, Red, 2x0.5 mm <sup>2</sup>   |
| 1    | Wire, Black, 2x0.5 mm <sup>2</sup> |
| 1    | Hardware Bag                       |

### Distance Light Shines:

Based on position of light, anywhere from a few inches in front of or behind the forklift up to 8 - 10 feet, with the optimal distance being 8 - 9 feet.

## Mounting Options:

Mount to the overhead guard on the forklift. Most forklift guards have pre-drilled holes for work lights, or drill holes yourself. You can place the light on the front or rear frame of the overhead guard, depending on whether you want the light facing forward or backward when in operation.



WARNING

**THIS LIGHT IS FOR SUPPLEMENTAL WARNING ONLY:** The Model SM6069-02 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.

## Wiring Instruction

### 1. DISCONNECT BATTERY BEFORE BEGINNING INSTALLATION

2. Confirm how the vehicle is wired. Make sure which wire is ground and which goes to power (is hot). Also determine which circuit goes to the rear light and will be powered only when the vehicle is in reverse, as opposed to the strobe light circuit which is powered anytime the ignition switch is turned on.

3. Position Blue Light so that wiring terminals on back side of light can be seen with the light in the upright direction (able to read the maker's label) and markings on terminals are visible.

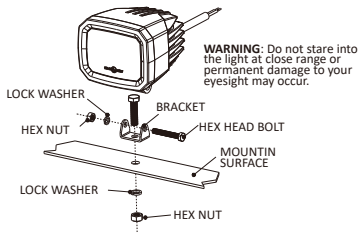
4. Attach the black wire lead to the negative (-) terminal on the light by sliding the flat "spade" end onto the negative (-) terminal.

5. Attach the red wire lead to the positive (+) terminal on the light by sliding the flat "spade" end onto the positive (+) terminal.

6. Connect the loose end of the black wire to the ground side of the power supply (battery).

7. Connect the loose end of the red wire to the appropriate circuit for the type operation you desire:

Exploded view of the 6069-02 with mounting hardware



Picture 1

- a. Blue light is on only when in reverse -Connect red wire to the rear light circuit
  - b. Blue light is on whenever the ignition switch is urning on  
Connect red wire to the strobe light circuit
8. Make sure all wire ends are enclosed in either wire nuts or crimp terminals to avoid shorting out the circuits.
  9. Reconnect the battery and test the system to be sure light works properly.
  10. Train all workers on the function of the blue light prior to releasing the vehicle for use in the facility.

## Wiring Options:

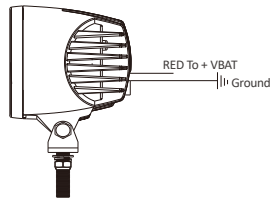
You can wire the lamp into a rear work light or strobe circuit.

It is highly recommended that the blue or red spot be wired such that it automatically is on whenever the key switch is turned on. This will ensure that pedestrians are always protected.

If wired to the rear work light circuit, light will only shine when the forklift is in reverse.

If wired to the strobe circuit, the light will be on anytime the ignition switch is turned on.

NOTE: Installation by a professional forklift mechanic is highly recommended.



Picture 2