

FORKLIFT APPROACH WARNING LIGHT

SPECS AND INSTALLATION INSTRUCTIONS

Voltage: Multi-voltage, 12-48 V DC; for higher voltage forklifts, a voltage converter will be needed. The light draws 0.7 amps at 12V.

Brightness rating: 33 lumens

Distance light shines: Based on position of light, anywhere from a few inches in front of or behind the forklift up to 8 -1 0 feet, with the optimal distance being 7 – 8 feet

Wiring: Wire to rear work light or strobe circuit, depending on desired mode of operation. 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.

Mounting: Mount to the overhead guard on the forklift. Many forklifts guards have pre-drilled holes for work lights, or drill holes yourself. You may opt to 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.

Installation: Installation by a professional forklift mechanic is highly recommended

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:
 - a. Blue light is on only when in reverse.
 - i. Connect red wire to the rear light circuit
 - b. Blue light is on whenever the ignition switch is turned on
 - i. 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.

