

150W Explosion Proof LED Tank Light Cart Instruction Manual

This explosion proof wheelbarrow light is designed for illumination of industrial locations. It uses the latest in solid state lighting technology for long life, low maintenance and high efficiency.

The unique design focuses the light where it is needed, giving improved efficiency over a conventional HID luminaire.

An internal, universal input, power-factor-corrected switch-mode supply allows it to be used from any nominal 120-277V AC 50/60 Hz power supply without any variation in light output.

WARNING

To avoid the risk of fire, explosion or electric shock, this product should be installed, inspected and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.

To avoid explosion:

- Make sure the supply voltage is within the luminaires' voltage rating.
- Ensure the marked T rating is less than the ignition temperature of the Hazardous Atmosphere.
- Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
- Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

The light fixture on this wheelbarrow cart is factory sealed.

CART OPERATION

The wheelbarrow cart assembly consists of 3 parts:

1. Light head
2. Extension Pole
3. Wheelbarrow cart base

- To assemble cart, place extension pole over center slot of wheelbarrow cart. Tighten hand screw to secure pole. Place light head over extension pole and tighten hand screw. The wheelbarrow cart is now ready for use.
- Run power cord to a nearby receptacle outputting voltage listed on product label.

WARNING: *check nameplate for proper voltage. Damage from improper voltage may void warranty.*

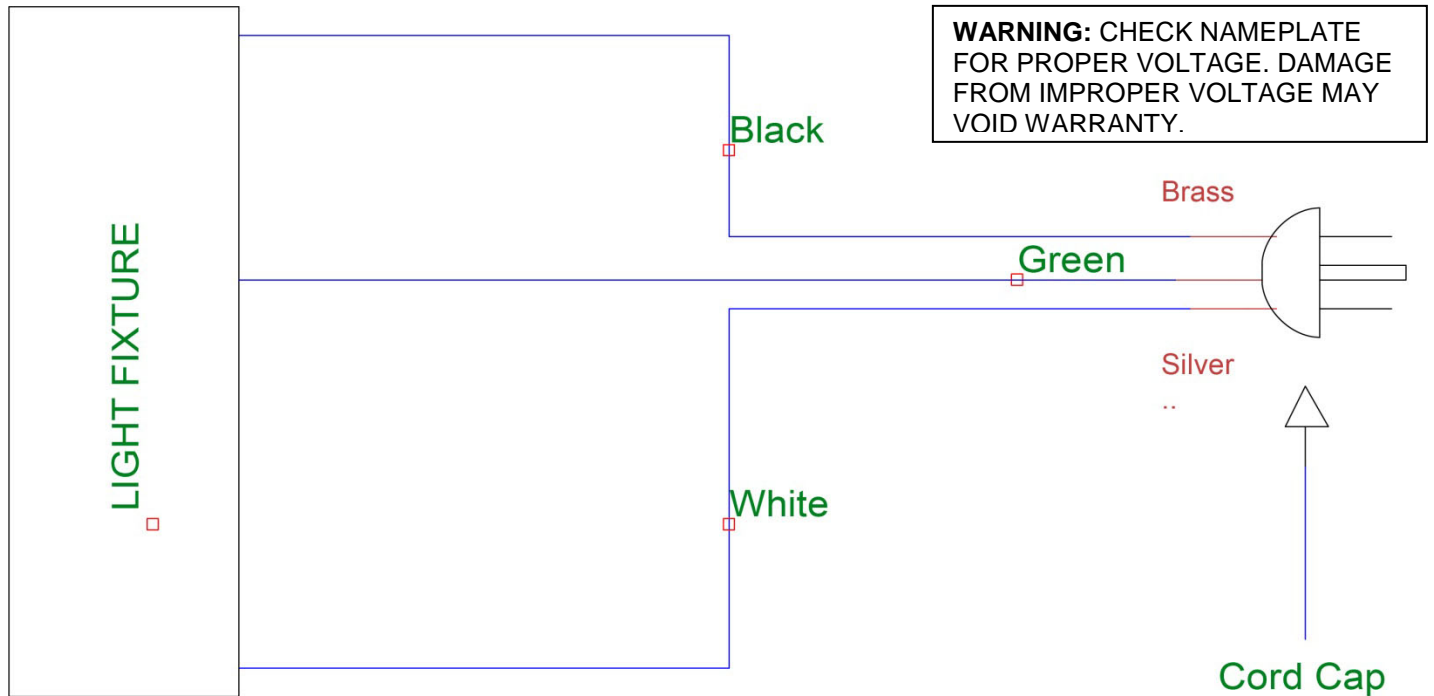
- The operator can tilt the unit up and simply roll entire assembly to a new location once assembled. For lower illumination needs, the extension pole can be removed and replaced with the light head.

WARNING: *Be sure all hand screws are tight before transporting! Use caution when maneuvering near inclines or drop offs.*

- To adjust light head vertically, loosen hand screws on either side. Once desired angle is achieved, tighten both hand screws to secure light in place. Loosen the single hand screw holding light head to rotate horizontally. *Be sure all hand screws are tight before transporting!*

WIRING (see attached wiring diagram)

This unit comes preconfigured with selected cord cap, color temperature, and beam spread. Once deployed, plug cord cap into compatible receptacle with **Voltage: 120-277 Volts AC, 50/60Hz**



MAINTENANCE

Caution: To avoid personal injury, disconnect power to the light and allow the unit to cool down before performing maintenance.

Warning: No user serviceable parts inside of fixture. Risk of electric shock. Removal of the lens will void the warranty.

1. Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on a yearly basis. Frequency of use and environment should determine this. It is recommended to follow an Electrical Preventive Maintenance Program as described in NFPA 70B: Recommended practice for Electrical Equipment.
2. The lens should be cleaned periodically as needed to ensure continued photometric performance. Clean the lens with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner.
3. Inspect the cooling fins on the luminaire to ensure that they are free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.
4. Do not operate if the lens is cracked or damaged. All fasteners should be properly seated.

WARRANTY

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.