

185 Watt Hazardous Location LED Light - Wheelbarrow Cart - C1D2 - ATEX - 100 foot Cord w/ EXP Plug Instruction Manual

The Larson Electronics HAL-16C-185LED-CPR-100 hazardous location LED light cart provide operators with a powerful and energy efficient alternative to other hazardous area luminaires such as high pressure sodium (HPS), metal halide (MH), and halogen lights. LED technology and a sturdy design make this light perfect for a wide variety of illumination needs. The durable wheelbarrow cart design can be adjusted for angle and provides a sturdy and rugged stand for portable illumination, temporary hazardous area lighting, and other hazardous location lighting needs.

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 2 parts:

1. Light head
2. Wheelbarrow cart base

- To assemble cart, insert light head over center hole of wheelbarrow cart and tighten hand screw. The wheelbarrow cart is now ready for use.
- Tilt cart using both handles and maneuver like a wheelbarrow. Simply roll entire assembly to a new location once assembled. Make sure light head is secure prior to maneuvering cart.

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

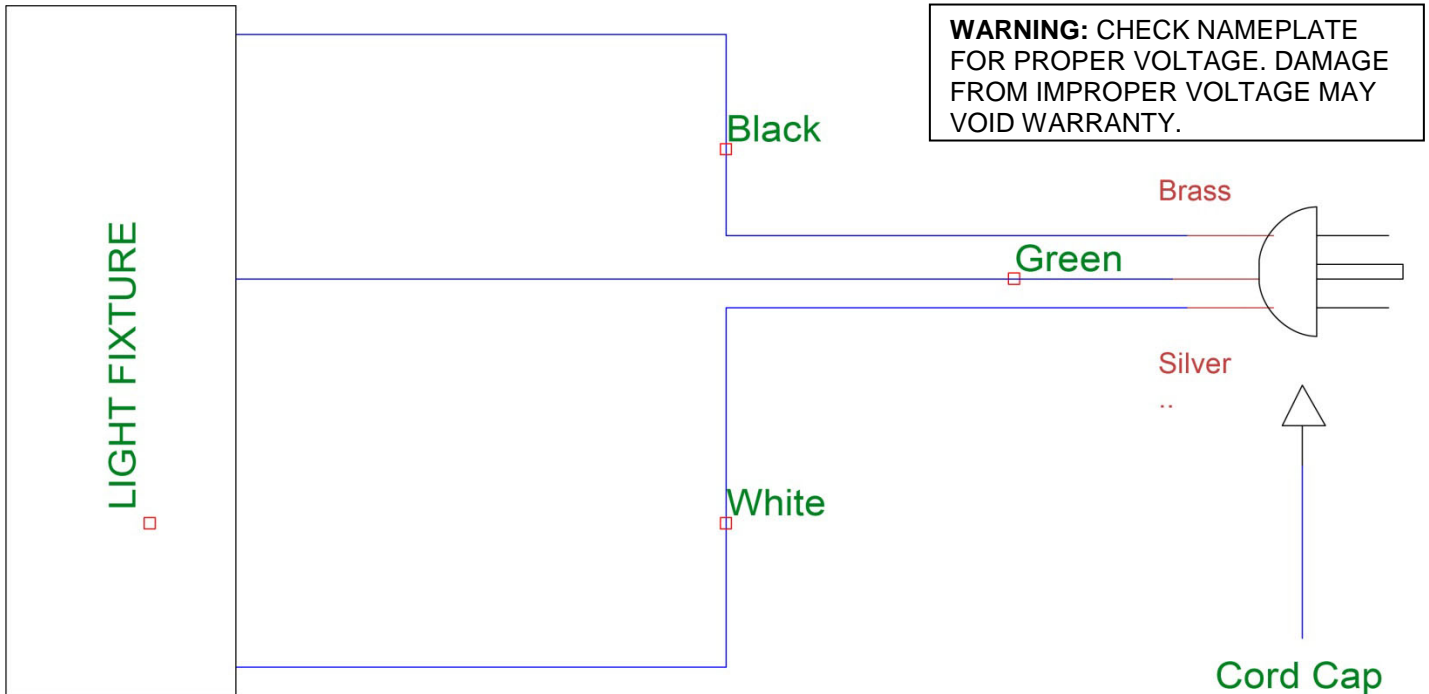
- Run power cord to a nearby receptacle outputting voltage listed on product label.

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

- To adjust light head vertically, loosen hand screws on either side. Once desired angle is achieved, tighten both hand screws to secure light in its 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. The is outfitted with 100` of 16/3 chemical and abrasion resistant SOOW cord that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. ****PLEASE NOTE**** voltage ratings on plugs and outlets are **MAXIMUM** voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.



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 cooking 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.