150W Ceiling Mount Explosion Proof High Bay LED Light Dust Shroud - Food Safe - NSF Compliant - 21,000 Lumens Instruction Manual

This explosion proof light is designed for illumination of food processing sites. 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.

This light is universal voltage capable and can be operated with 100-277 V AC, 50/60 Hz. We also offer a low voltage version of this LED fixture that operates on AC/DC voltages from 11-25 Volts. This explosion proof LED light fixture is IP67 rated, dust-proof, and protected against high pressure jets and temporary submersion. The cast aluminum body and LED lamp give this light excellent durability and resistance to vibration and impacts. The housing is specially designed to dissipate heat which increases the efficiency and lifespan of the LEDs and electronics.

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.

For supply connections, use wire rated for at least 110°C
Recommended mounting height is 15-40 feet.

MOUNTING

This fixture offers a ceiling mount system that allows the unit to be mounted to any flat ceiling surface via 3 bolt holes. This includes ¾" knock outs for running wire through the mount. Use conductive pipe sealant for all fittings and conduit.

WARNING: If there is moisture present, or chance of it, in the conduit system then necessary precautions should be taken by the installer to prevent the moisture from entering thru the cable or conduit and entering the fixture. Failure to comply with the above could void the warranty.

WIRING (see attached wiring diagram)

This unit comes preconfigured in the selected voltage, beam angle, and color temperature. Wire light to the correct voltage. Follow all applicable local, state, and National Electrical Code for the hazardous area!



WARNING: CHECK NAMEPLATE FOR PROPER VOLTAGE. DAMAGE FROM IMPROPER VOLTAGE WILL VOID WARRANTY.

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.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.