50W Explosion Proof Low Bay LED Light Fixture
Paint Spray Booth Approved - 7,000 Lumens - T5

Instruction Manual

This explosion proof 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 100-277V AC 50/60 Hz or 11-25 Volts AC/DC power supply (depending on model) 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.

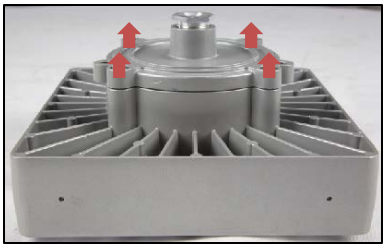
To avoid explosion:

- 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.

For supply connections, use wire rated for at least 110°C
Recommended mounting height is 25-40 feet.

MOUNTING

This fixture offers a variety of mounting options. Mounting options include ceiling mounting, pendant mounting, wall mounting and cable mounting. Each mount is interchangeable and can be switched easily from back of light. Remove the back cover plate to reveal the driver and line wires. Feed wires through back cover if not already and replace cover plate. Thread cable and attach the mount to the back cover plate utilizing the included hardware through the three (3) mounting holes on the back. Once attached, fixture is ready to be mounted to the surface or conduit.

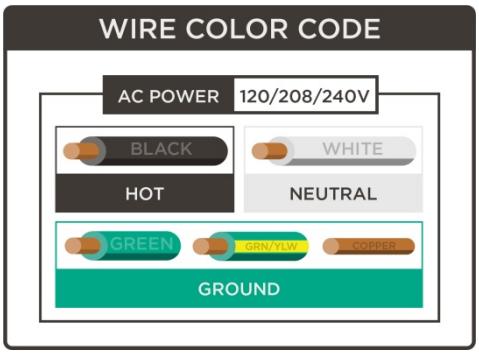


WIRING (see attached wiring diagram)

This unit comes preconfigured with selected voltage, and beam angle. Once mounted, wire through junction box to correct voltage listed on nameplate. **Voltage: Check Nameplate.** Connect Ground to junction box. This fixture is available in two voltage ranges: 100-277 Volts AC, 50/60Hz **or** 11-25 Volts AC/DC.

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

Follow all applicable NEC, local, and state electrical codes.



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.

To replace driver, disconnect power running to fixture. Dismount fixture and remove the back cover. Disconnect bad driver and remove the single screw holding it in place. Place new driver and replace screw. Connect power cord and route wires as needed. Replace back cover plate.

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.