136W Wash Down LED Light
120/277V AC - Food Safe - IP66 Rated - Trunnion Mount
Instruction Manual

Thank you for your purchase of the Larson Electronics WDL-48-400W-LED-TRN-WCM light fixture. Please follow the steps below in order to operate and maintain this product.

WARNING!

1. TO PREVENT RISK OF ELECTRICAL SHOCK DEACTIVATE/DISCONNECT POWER SUPPLY BEFORE INSTALLING, MAINTAINING OR RELAMPING FIXTURE.
2. TO REDUCE RISK OF FIRE OR EXPLOSION, DO NOT INSTALL WHERE THE MARKED OPERATING TEMPERATURE EXCEEDS THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE(S).
3. THIS FIXTURE SHOULD BE INSTALLED BY QUALIFIED TECHNICIANS IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL REQUIREMENTS.

This WDL-48-400W-LED-TRN-WCM Wash Down LED Fixture offers 19,773 lumens of crisp white light in an 100º by 100º open frame, with a CRI of 80 and a color temperature of 5000K. This CSA rated unit contains impact and shock resistant, no-glass polycarbonate LED bulbs, and sealed and corrosion resistant aluminum hardware, providing reliable, stable lighting under even the harshest of conditions in food processing and preparation applications. This 136-watt LED light operates on 120-277V AC @ 50/60 Hz, and features an electronic driver and IP66 waterproof protection.

INSTALLATION

This fixture is shipped with preconfigured Housing Color, Color Temp, and Lens type. See product label for specific unit received.

1. Install fixture to surface with mounting bracket (mounting hardware not included).
2. If needed, open lens by unscrewing the screws holding it to access internal wiring.
3. Electrical voltages and frequency are listed on the product label for reference.
4. For supply connections use conductors suitable for min. 90° C.
5. Connect internal wires per wiring diagram, and wire through hub according to NEC requirements using conduit or similar device.
6. Replace lens and secure screws.
7. Close all unused end caps.





MAINTENANCE

Electrical and mechanical inspection of all components must be performed on a regularly scheduled basic, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

WARNING: ELECTRICAL POWER SUPPLY MUST BE "OFF" BEFORE AND DURING INSTALLATION AND MAINTENANCE. INSTALLATION AND MAINTENANCE PROCEDURE MUST BE PERFORMED BY A TRAINED AND COMPETENT ELECTRICIAN.

1. Inspect all contact wire terminals for tightness. Discoloration due to excessive heat is an indicator of a possible problem and should be thoroughly investigated and repaired as necessary.
2. Inspect contacts for signs of wear and replace if necessary.
3. Clean exterior surfaces making sure nameplates remain legible.

If any part of the light appears to be missing, broken, or show signs of damage—discontinue use immediately! This condition could cause serious or fatal personal injury due to electrocution and/or equipment damage. Repair with the proper replacement part(s) before continuing service.

TROUBLESHOOTING

Refer to the guide below or contact the manufacturer if the fixture does not function properly.

- ➔ Is the correct line voltage being supplied to the fixture?
- ➔ Is the fixture properly grounded?

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.