0-10V Dimmable Class 1 Div 2 LED Light Fixture
4 Foot 2 Lamp - Marine Grade Aluminum - 7000 Lumens
Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

WARNING!

- TO PREVENT RISK OF ELECTRICAL SHOCK DEACTIVATE/DISCONNECT POWER SUPPLY BEFORE INSTALLING OR RELAMPING FIXTURE.
- **TO REDUCE RISK OF FIRE OR EXPLOSION, DO NOT OPEN FIXTURE LENS FRAME WHEN HAZARDOUS ATMOSPHERE(S) ARE PRESENT.** DO NOT INSTALL WHERE THE MARKED OPERATING TEMPERATURE EXCEEDS THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE(S).
- THIS FIXTURE SHOULD BE INSTALLED BY QUALIFIED TECHNICIANS IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ANY STATE OR LOCAL REQUIREMENTS.
- VERIFY THAT THE SUPPLY VOLTAGE AGREES WITH FIXTURE RATING AS INDICATED ON NAMEPLATE. ALL LOCAL AND NATIONAL ELECTRICAL/BUILDING CODES MUST BE FOLLOWED WHEN INSTALLING THIS LIGHTING FIXTURE. FOR CODE INTERPRETATION, CONSULT YOUR LOCAL AUTHORITY. PRODUCT MUST BE USED ONLY WITH LENS INTACT AND ALL CAP THREADS FULLY ENGAGED. DO NOT USE IF LENS IS CRACKED OR DAMAGED.
- NEVER LOOK AT LIGHT PRODUCED BY THIS LAMP.
- UNPLUG LAMP BEFORE SERVICING.

Caution: Only use lamp size, type and /or wattage as shown on fixture nameplate.

INSTALLATION

We strongly recommend that only a licensed electrician install this product.

WARNING: *Make sure that the power is disconnected before installing. This fixture is heavy and must be mounted to a surface that can structurally support the load.*
WARNING: *Do not let fixture hang on one bracket at any time. Failing to comply can result in breakage of and end casting or mounting bracket allowing the fixture to fall which can cause serious injury or death.*

- The mounting brackets are shipped installed on the fixture.
- Install the brackets to wall or ceiling using through holes.
- Each mount contains two set screws securing mount to light. Ensure these are tight once light is in its final position.

WIRING

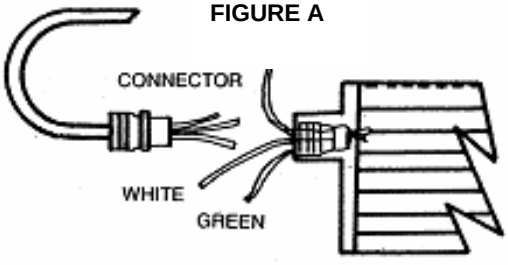
Check fixture nameplate for proper voltage!

This fixture is shipped preconfigured in selected voltage, color temperature, and cord cap. Once mounted, run cord to compatible power source. Output voltage must match product nameplate! See wiring instructions below for connecting flying leads.

For supply connections, use wire suitable for at least 90°C.

Connect 0-10V dimmer following labeled wires. Only use 0-10V dimmer! Do not connect high voltage to these leads.

FIGURE A



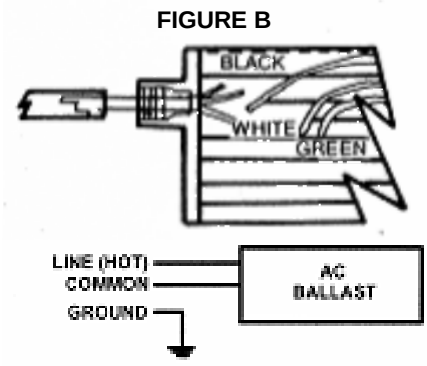
USING CABLE (FIGURE A)

The fixture wires are exposed when shipped.

- To make electrical connections, remove lens and connect the following:
  Black lead to incoming phase ("HOT") line lead White lead to incoming neutral ("COMMON") lead Green lead to ground lead
- Feed wires into fixture and seal entry with 0.75 inch (1.91 cm) NPT CG-Type watertight connector or equal. (Cable and connectors not supplied)

USING CONDUIT (FIGURE B)

FIGURE B



- Push wires into hub.
- Install conduit to the fixture.
- Unlatch lens frame on both sides of the fixture and remove the two screws securing the reflector.
- Remove the reflector to reveal wiring chamber of fixture.
- To make electrical connections, connect the following:
  Black lead to incoming phase ("HOT") line lead
  White lead to incoming neutral ("COMMON") lead
  Green lead to ground lead
- Replace reflector and install appropriate lamps.
- Close and latch lens frame.

WARNING: *Fixture must be grounded as required per paragraph 410-21 and article 250 of the National Electric Code and/or rule 30-500. Failure to properly ground this fixture will create and electrical shock, which can cause serious injury or death.*

LAMP REPLACEMENT



- Open draw latches holding fixture lens. Keep hold of lens and remove once loose.
- Remove old bulb(s) and replace with matching bulbs compatible with fixture.
- Replace lens and close latches to secure.

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.

1. Perform visual, electrical, and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire Protection Association Bulletin NFPA No. 70B: Recommended Practice For Electrical Equipment Maintenance (www.nfpa.org).
2. Visually check for undue heating evidenced by discoloration of wires or other components, damaged parts, or leakage evidenced by water or corrosion in the interior.
3. Electrically check to make sure that all connections are clean and tight.
4. Mechanically check that all parts are properly assembled.

WARNING: IF ANY PARTS OF THE TRANSFORMER APPEAR TO BE MISSING, BROKEN, OR SHOW SIGNS OF DAMAGE, DISCONTINUE USE IMMEDIATELY. REPLACE WITH THE PROPER REPLACEMENT PART(S) BEFORE CONTINUING SERVICE.

USE AND CARE

Unauthorized modification may impair the function and/or safety of the light fixture and could affect the life of the equipment. Always check for damaged or worn out parts before using the unit.

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.