Larson Electronics LLC www.LarsonElectronics.com sales@larsonelectronics.com
9419 E US HWY 175, Kemp, TX 75143 - P: (800) 369-6671 - F: (903) 498-3364

EPL-LP-70W-LED

SAFETY WARNINGS:

- 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.
- 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.
- 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 on 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.
- EXPLOSION HAZARD – Substitution of components may impair suitability for Class I Division 2, Class II Division 1.
- EXPLOSION HAZARD – Do not disconnect the equipment unless power has been switched off or the area is known to be non-hazardous.
- DO NOT let power cord touch hot surfaces.
- DO NOT mount near gas or electric heaters.
- Equipment should be mounted in location and heights where it will not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacture may cause an unsafe condition.
- DO NOT use this equipment for other than intended use.
- The technical data indicated on the luminaire are to be observed.
- Changes to the design and modifications of the luminaire are not permitted.

Suitable for use in the following locations:

Class I Division 1 Groups B, C and D
Class II Division 1 Groups E, F and G

PENDANT MOUNT: Recommended for use with 360° Optic

- For maximum long term reliability and light output, the light must be installed in free air.
    - The fixture incorporates an over-temperature control circuit that reduces input power should internal temperatures reach a maximum level. As a result, light output may be reduced.
- The fixture is threaded for ¾" NPT in order to be assembled to conduit.
    - Calculate and measure required conduit length
    - Feed the power cable through the conduit and into the junction box.
    - Attach the fixture to the conduit (using pipe sealant).

- NOTE: If there is moisture present or chance of it in the conduit system than necessary precautions should be taken by the installer to prevent the moisture from entering thru the cable or conduit and entering the fixture.
- Insert ¼ -20 set screws in order to secure the fixture to the conduit.

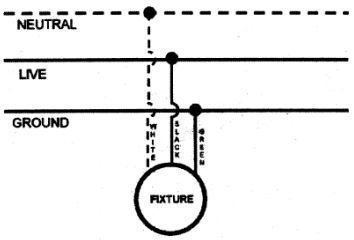
- Connect power cable conductors as follows:
  - For single phase (120/277 VAC):
    - Green wire connects to Safety Ground
    - White wire connects to Neutral
    - Black wire connects to Live
- Restore power and verify operation.

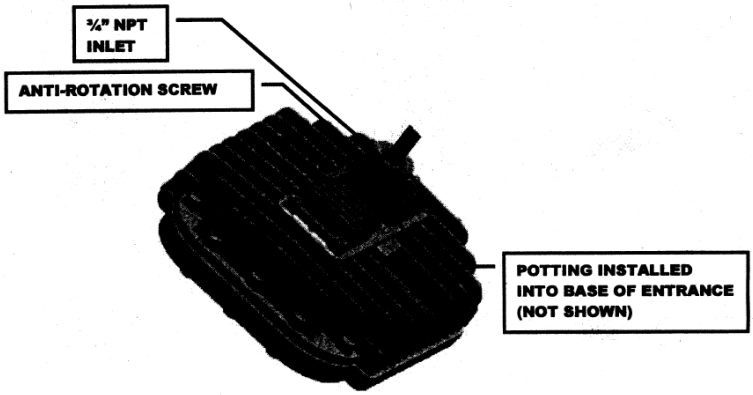
STANCHION MOUNT: Recommended for use with 180° Optic

- For best optical performance, mount the unit at a 45° angle with respect to the vertical mounting pole or wall.
- For maximum long term reliability and light output, the light must be installed in free air
  - The fixture is design incorporates an over-temperature control circuit that reduces input power should internal temperatures reach a maximum level. As a result, light output may be reduced.
- The fixture is threaded for ¾" NPT in order to be assembled to conduit.
  - Calculate and measure required conduit length
  - Feed the power cable through the conduit and into the junction box.
  - Attach the fixture to the conduit (using pipe sealant).
  - NOTE: If there is moisture present or chance of it in the conduit system than necessary precautions should be taken by the installer to prevent the moisture from entering thru the cable or conduit and entering the fixture.
  - Insert ¼ -20 set screws in order to secure the fixture to the conduit.
- Connect power cable conductors as follows:
  - For single phase (120/277 VAC):
    - Green wire connects to Safety Ground
    - White wire connects to Neutral
    - Black wire connects to Live
- Restore power and verify operation.

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WIRING DIAGRAM





MAINTENANCE

To avoid personal injury, disconnect power to the light and allow 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 environments 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 cooling 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