Class 1 Division 1 Explosion Proof 150 Watt High Bay LED Light Fixture - Paint Spray Booth Approved
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.

This light fixture is shipped preconfigured to work in the selected voltage range. This includes 100-277V AC 50/60hz or 11-25V AC/DC depending on model selected. An internal, universal input power-factor-corrected switch allows it to be used from any voltage within range without variation in light output. *Check product label for correct input voltage!*

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.

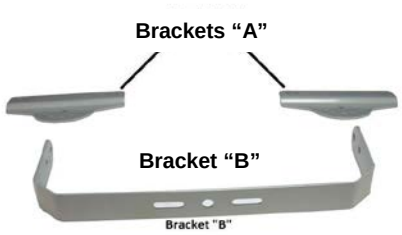
MOUNTING

This fixture offers an adjustable mounting system that allows it to be mounted to any flat surface including walls and ceilings. A single ½-13 bolt is used to mount the fixture to the surface.

Check to ensure that all mounting hardware is included.

- 2 Small Brackets
- 1 Large Trunnion Bracket
- 8 Bolts
- 8 Lock-Washers
- 4 Nuts

1. Using four bolts, washers and the four nuts provided, attach brackets “A” to both sides of bracket “B”.
2. The LED fixture has 9 holes for a versatile mount option. Select the holes that you would like to use.
3. Brackets “A” will then be bolted to the LED fixture with the remaining bolts and washers.
4. The fixture is now ready for installation.
5. A safety cable and eye bolt are included for additional safety.





Trunnion Bracket

WIRING (see attached wiring diagram)

This unit comes preconfigured in the selected voltage and beam angle. Run cord and plug cord cap into a compatible receptacle outputting 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.

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.

Industrial Aluminum Pole
Extends from 5 to 12 feet - Aluminum Top Mounting Bracket
Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

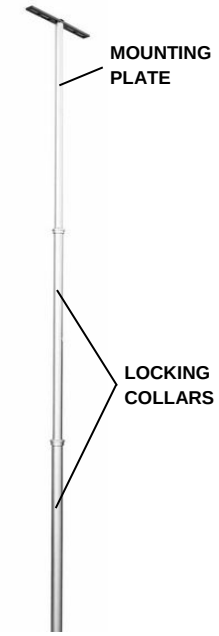
WARNING:

- INSTALL AWAY FROM ANY ELECTRICAL WIRES OR OVERHEAD POWER LINES.
- DO NOT OVERLOAD TELSCOPING POLE.

The telescoping pole was designed to raise equipment above a work site or other environment. This telescoping aluminum pole has a pneumatic braking system to prevent unexpected or sudden collapses of the pole.

LIGHT POLE OPERATION

1. Place device on top mounting bracket using predrilled mounting holes.
2. Place mounting bracket over the top pole and tighten hand screw.
3. Place pole in its mount and secure.
4. Extend pole by lifting upwards. Two self-locking collars hold the pole in any position. Once let go, the pole will stay in place.
5. To lower pole, lift the self-locking collar for each section. The pole is air cushioned and will lower softly. See below.



This pole features a pneumatic braking system that prevents unexpected or sudden collapse of the pole. If the pole is loaded with a pair of heavy fixtures for instance and the operator inadvertently releases the locking tabs, the pole will simply ease down gently rather than suddenly collapse. This is a great feature when mounting expensive electronic devices and you'd like the added security of knowing there is no chance of serious damage should the pole be released.

USE AND CARE

Always check damaged or worn out parts before use. Broken parts will affect operation. When not in use, store in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.

Specifications / Additional Information

TPM-12 Adjustable Mounting Pole

Materials: **Aluminum**

Dimensions: **5' to 12' Extendible Pole**

Mounting: **Aluminum Top Mounting Bracket**

Features: **Slow Release Pneumatic Braking**



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.

Surface Mount Stabilization Support Bracket for APM Pole Mount Lights Instruction Manual

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WARNING:

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- DO NOT OVERLOAD TELSCOPING POLE.

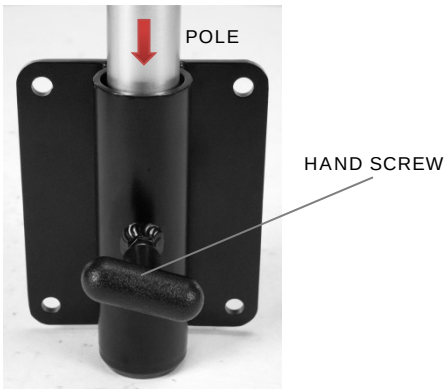
INSTALLATION

1. Utilize the predrilled holes and mount the bracket in a location that can support the load. Utilize screws/bolts that can accommodate the load and environment.
2. Place telescoping pole in mount and tighten hand screw until snug.
3. Loosen hand screw to remove pole from mount.

USE AND CARE

Always check damaged or worn out parts before use. Broken parts will affect operation. When not in use, store in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.





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