

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



PLM-18-4XCAT5e-ACPS Pneumatic Light Mast

Length: 8 feet - 20 feet

Weight: 300 lbs.

Capacity: 150 lbs.

Materials: Aluminum

Sections: (3) 6.7` sections

Operation: Pneumatic - Electric Air Compressor

Mounting: 3.9" OD Mounting Plate

Air Compressor: 1 HP hot dog style 120V unit w/ pressure switch

Shipping: Common Freight

Shipping Weight: 350 lbs.

Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Wiring: (4) CAT5e cables - 12" whip top and bottom

Quick Summary

8-20 Ft Light Mast

Aluminum Construction

Pneumatic Operation

1 HP Electric Air Compressor

Pressure Switch

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics PLM-18-4XCAT5e-ACPS Pneumatic Light Mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to eighteen feet.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS

This rugged telescoping pneumatic light tower mast is designed to allow operators to quickly and safely deploy lighting and other electrical equipment in locations where this equipment must be elevated to heights up to 20 feet for effective application. This light boom can be extended to 20 feet for maximum area coverage and collapsed to 8 feet to bring equipment closer to the target area as well as for transport and storage. This pneumatic light mast ships with a 120V AC air compressor and pressure switch to provide the appropriate air pressure to the mast during deployment.

The tower is constructed of high strength, heat treated aluminum tubing for strength and durability. This tower is comprised of three 6.7` sections, and includes a 3.9" OD mounting plate for easy removal of lights or cameras. The mast is elevated using an air compressor, sold separately. An air release valve located at the base of this pneumatic mast allows operators to lower the tower. The 16/7 AWG wiring is internally routed, meaning no loose wiring when the tower is collapsed and no exposed wiring to fray or become damaged. The PLM-18-4XCAT5e-ACPS includes an internal wiring harness (4) CAT5e cables with 12 inches extending from both ends of the tower.

[Click Photo to Enlarge](#)

[Click Photo to Enlarge](#)

These light masts are typically mounted to trailers or other stable surfaces via an included 12 inch square, 1/2 inch thick mounting base-plate which has been drilled to accept four mounting bolts (3/4 inch). A 24 inch wide and 1/4 inch thick mounting plate is attached to the upper section of the mast to allow operators to easily and securely attach their desired fixtures. This light tower weighs 300 lbs., and can easily support and lift 150 lbs. of lights, cameras, and other electrical equipment. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 12 feet long, 4 feet wide, 3 feet tall and weighs 350 lbs. Larson Electronics is a manufacturer and as such can custom tailor these units to the customer's requirements with longer sections and larger mounting plates.

Suggested Applications: Lighting and security camera deployment. We can also equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high powered LED lights with comparable power, including the [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80x2E](#).



Frequently Asked Questions (FAQ)



Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)