

5 Stage Pneumatic Light Mast - Extends to 15 Feet - 600lb Payload - 4.5' to 15'

PLM-15-5S

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



PLM-15-5S Pneumatic Light Mast

Length: 4.5 feet - 15 feet

Weight: 175 lbs

Capacity: 600 lbs

Materials: Heat Treated 6063B/T5 Aluminum

Operation: Pneumatic - Electric Air Compressor

Sections: (5) sections

Mounting: 1/2" thick, 12 inch Square, Four Hole Bracket

Shipping: Common Freight

Shipping Weight: 350 lbs

Section Dia (from top): 5.5", 6.3", 7.1", 7.95", 9"

Options: Length- Mounting-Fixtures

Quick Summary

4.5-15 Ft Light Mast

Aluminum Construction

Pneumatic Operation

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics PLM-15-5S Pneumatic Light Mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to fifteen feet.

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

Larson Electronics' 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 15 feet for effective application. This light boom can be extended to 15 feet for maximum area coverage and collapsed to 4.5 feet for closer more intense illumination.

The PLM-15-5S features 360 degree rotation with a ring style ball bearing base

The tower is constructed of high strength, heat treated aluminum tubing for strength and durability. This tower is comprised of five sections, and includes a locking top mounting plate for easy removal of equipment. 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.

These light masts are typically mounted to trailers or other stable surfaces via a 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 175 lbs, and can easily support and lift 600 lb payload. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 6 feet long, 4

feet wide, 3 feet tall and weighs 250 lbs. Larson Electronics 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 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):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)