Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

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Email: sales@LarsonElectronics.com
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13.5' Pneumatic Light Mast - 220V Air Compressor - 44" Mast Head - Stationary Air Power Light Tower

PLM-13.5-FM-220V

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

PLM-13.5-FM-220V Pneumatic Light Mast

Length: 5 feet - 13.5 feet
Weight: 50 lbs
Capacity: 75 lbs
Materials: Aluminum Mast / Steel Base
Sections: (4) 3.9` sections
Mast Diameter: 3.1-3.5", 2.5-2.76", 1.9-2.2", 1.3-1.7"
Operation: Pneumatic - Electric Air Compressor
Air Compressor: 220V 50Hz Air compressor w/ Pressure Switch
Wiring: Internal 16/4 Harness - 12" Pigtails extending from each end
Threaded Fittings: M13 x 1.50
Top Mounting: 44" 2" x 2" x 1/8" Mast Head - Removable

Base Mounting: Square, Four Hole Bracket

Shipping: Common Freight

Shipping Weight: 65 lbs

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

Quick Summary

5-13.5 Ft Light Mast
Aluminum Mast Construction
Pneumatic Operation
220V Air Compressor
Steel Mounting Base
Removable 44" Mast Head

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

Made in the USA

The Larson Electronics PLM-13.5-FM-220V Fixed Mount Pneumatic Light Mast with 220V Air Compressor provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to 13.5 feet in height. This air powered telescoping tower is equipped with a powder coated steel mounted base, a removable top mounted 44" T-style mast head, internal wiring system, and 220V air compressor with pressure switch.

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 13.5 feet for effective application. This light boom can be extended to 13.5 feet for maximum area coverage and collapsed to 5 feet to bring equipment closer to the target area as well as for transport and storage.

The tower is constructed of high strength, heat treated aluminum tubing for strength and durability. This tower is comprised of four sections, and includes a locking top mounting plate for easy removal of lights or cameras. The mast is elevated using an included 220V air compressor equipped with 6 feet of air line.

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An air release valve located at the base of this pneumatic mast allows operators to lower the tower. The 16/4 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-13.5-FM-220V includes a 4-wire internal wiring harness with 12 inches extending from both ends of the tower to allow easy installation and connection.

A 44" wide and 2" by 2" by 1/4" thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for light fixtures and equipment. These light masts are typically mounted to trailers or other stable surfaces via square 1/4" thick mounting base-plate which has been drilled to accept four mounting 9/16" anchor bolts.

This light tower weighs 50 lbs, and can easily support and lift 75 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 6 feet long, 2 feet wide, 2 feet tall and weighs 60 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.

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Frequently Asked Questions (FAQ)

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Links (Click on the below items to view):

- HigResPic1

- HigResPic2

- HigResPic3

- Video1

- Video2

- ISO 9001 Certification

- Business Certificate

- Shipping Time Map