

13 Foot Telescoping Light Mast - 8.25' to 13' Light Boom - Two Stage Stationary Mast LM-13-FM

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



LM-13-FM Telescoping Light Tower

Length: 8.25 feet - 13 feet

Weight: +/- 600 lbs

Capacity: 150 lbs

Materials: Steel

Finish: Powder Coated - Gloss Blue

Operation: 1,000lbs Hand Winch, Electric Optional

Cable: 3/16 Aircraft Cable

Mounting: 1/4" thick, 13"x15" Six Bolt Hole Bracket

Shipping: Common Freight

Shipping Weight: +/-850 lbs

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

Quick Summary

9/16 Ft Light Mast

Steel Construction

Power Coated Finish

Removable Mast Head

125 mph Wind Resistance

Manual or Optional Electric Operation

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics LM-13-FM Light Mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to thirteen feet.

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

The LM-13-FM telescoping steel 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 feet for effective light coverage. This light boom can be extended to 13` for maximum area coverage and collapsed to 8.25` for applications where a footprint smaller than 9` is required. The tower is constructed of square steel tubing with a lower section 7 feet in length and 3" x 3" x 1/4" thick and an upper section 6.5` in length and 2" x 2" x 1/4" thick with 1` of overlap. The mast is extended to its full height using an included 1,000 lbs hand winch.

The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are typically mounted to trailers or other stable surfaces via a 15 inch by 13 inch, 1/4 inch thick mounting base-plate which has been drilled to accept six 3/4 inch anchor bolts. A 36 inch wide and 1/4 inch thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for the four metal halide fixtures.



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The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. When lowered to 8.25 feet, the mast can withstand winds up to 125 mph. When elevated to its full upright position, the mast can be rotated a full 360°. By loosening the T-Handle, operators can rotate the mast with easy in either direction. The mast can be positioned in one of four different directions, and locked back in place by re-tightening the T-handle. The mast itself spins freely with easy, and can typically be rotated with a single hand.

This light tower weighs approximately 600 lbs, can easily support and lift 150 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 10 feet long, 4 feet wide, 5 feet tall and weighs approximately 850 lbs. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. For example, the LM-30-3S is another model that reaches to a length of 30 feet, with a 14 foot lower section, 12 foot middle section, and a 8 foot upper section and a 4 foot wide upper mounting bracket. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches.

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](#).

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Frequently Asked Questions (FAQ)

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)