

## 25 Foot Telescoping Light Mast - 12-25' Fold Over Three Stage Light Tower - 360° Rotating Boom - Fiberglass Top - 18" Diameter Top Mounting Plate

### LM-FPT-25-3S-18D-M2

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



#### LM-FPT-25-3S-18D-M2 Three Stage Telescoping Light Tower

**Length:** 12 feet - 25 feet

**Weight:** +-315 lb

**Capacity:** 45 lb

**Materials:** Steel (Top Mounting Plate, Base Stage and Center Stage), Fiberglass (Top Stage)

**Finish:** Powder Coated - Gloss Blue

**Operation:** (2) 1,000 lb Hand Winches, Electric Optional

**Top Mast Mounting Plate:** 18" OD Round Mounting Plate w/ (9) Predrilled 13/32" Holes

**Mounting Plate Holes:** (8) 13/32" Holes in Circle 9" in from Edge, (1) 13/32" Dead Center

**Cable:** 3/16 Aircraft Cable

**Mounting:** 1/4" thick, 36" x 36" Six Hole Hole Bracket - 1/2" Thick Weld on Base Plate

**Shipping:** Common Freight

**Shipping Dimensions:** 16.5'-L x 4'-W x 5'-H

**Shipping Weight:** +-900 lb

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

#### Quick Summary

12 to 25 Foot Light Mast

Steel Construction

Powder Coated Finish

Removable Mast Head

95 mph Wind Resistance (Guyed)/ 35 mph Wind Resistance (Unguyed)

Manual or Optional Electric Operation

#### Special Orders - Requirements

Contact us for special requirements

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### **This unit is Made In USA - Manufactured in Texas**

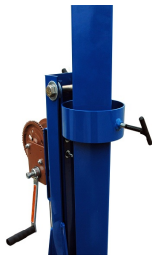
The LM-FPT-25-3S-18D-M2 from Larson Electronics is a Fold Over 3-Stage Light Mast that provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to twenty-five feet. This light tower folds over for easy transportation, features a rotating boom that allows for 360° of rotation, and is equipped with a removable mast head for storing mounted equipment when not in use. The top stage of the tower is made out of fiberglass and features an 18" OD round mounting plate.

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

This telescoping three stage steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy lighting, cameras, and other electrical equipment in locations where this equipment must be elevated to heights up to 25 feet for effective coverage. This light boom can be extended to 25 feet for maximum area coverage and collapsed to 12 feet for applications where a smaller

footprint is required. The light mast has a 90 mph wind rating when guyed and 35 mph wind rating when unguyed.

The tower is constructed of square steel tubing for the 18" OD top mounting plate, base stage, and center stage. The top stage is made out of fiberglass, which isolates sensitive equipment secured at the top of the mast from grounding to earth (or isolates the base from electricity from equipment at the top of the mast). The lower section of the mast measures 12 feet in length and 4 inches in diameter. The middle section measures 10 feet in length and 3.5 inches in diameter, while the upper section measures 7 feet in length and 3 inches in diameter. Each section has 2 foot of overlap. The mast is elevated using an included 1,000 lb hand winch with 3/16 inch cable and extended to its full height using a second 1,000 lb winch.



[Click Image to Enlarge](#)



[Click Image to Enlarge](#)

[Click Image to Enlarge](#)

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 36 inch by 36 inch, 1/4 inch thick mounting base-plate which has been drilled to accept six 3/4 inch anchor bolts. The base plate features a 1/2" thick weld. An 18" OD round top mounting plate is attached to the upper section of the mast which provides a strong and stable platform for mounted light fixtures or equipment. The mounting plate features a series of (8) predrilled 13/32" holes spaced evenly in a circle 9" in from the edge of the plate and a 13/32" hole drilled in the dead center of the plate for a total of nine.

The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. 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 315 lb, can easily support and lift 45 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 16.5 feet long, 4 feet wide, 5 feet tall and weighs approximately 900 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 lb hand winches included standard or optional electric winches.

**Suggested Applications:** Temporary lighting, construction sites, 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 [LED10WSA-160](#), [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80x2E](#). At Larson Electronics, we do more than meet your lighting and power distribution needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting or power distribution system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us



today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

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## Frequently Asked Questions (FAQ)











**Options:**

**LM-FPT-25-3S-18D-M2-Finish**

**Example: LM-FPT-25-3S-18D-M2-GLVD**

Finish	
GALVANIZED	-GLVD
POWDER COAT	-PWDC

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [STEP File \(3D CAD Model\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)