

15 Foot Four Stage Telescoping Mini Light Mast - 5' to 15' Electric Light Boom - Stationary Mast - 24VDC

LM-15-5-4S-EW-24VDC

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

LM-15-5-4S-EW-24VDC 15ft Four Stage Telescoping Light Tower

Length: 5 feet - 15 feet

Weight: +-350 lbs

Capacity: 100 lbs

Voltage: 24 VDC

Materials: Steel

Finish: Powder Coated - Gloss Blue

Operation: (1) 1,200 lbs Electric Winch,

Cable: 3/16" Galvanized Aircraft Cable

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

Shipping: Common Freight

Shipping Dimensions: 6.5'-L x 4'-W x 5'-H

Shipping Weight: +-500 lbs

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

The customer ships the failed light mast to Larson Electronics at their expense. If the failure is a manufacturer defect, we will repair and/or replace the unit.

Quick Summary

5' to 15' Foot Light Mast

Steel Construction

Power Coated Finish

Removable Mast Head

125 mph Wind Resistance

Manual or Optional Electric Operation

UL 508A

Special Orders- Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics LM-15-5-4S-EW-24VDC fixed mount 4-stage electric light mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations of up to fifteen feet. This light tower features a rotating boom that allows for 360° of rotation and a removable mast head for storing mounted equipment when not in use.

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

This telescoping four stage electric 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 15 feet for effective coverage. This light boom can be extended to 15 feet for maximum area coverage and collapsed to 5 feet for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a base section 3.35' in length and 5" x 5" by 1/8" thick, lower section 3.45' in length and 4" x 4" by 1/8" thick, an upper section 3.65' in length and 3" x 3" by 1/8" thick, and a top section 4.19' in length and 2" x 2" by 1/8" thick. Each section has a 12" overlap. The mast is extended to its full height using an included 1,200 lbs electric winch with 3/16" galvanized cable.



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 15 inch by 13 inch, 1/4 inch thick mounting base-plate which has been drilled to accept six 1/2 inch anchor bolts. A 36" wide and 2" by 2" by 1/8" thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for light fixtures and equipment.

The LM family of telescoping towers feature a proprietary mast guidance system, which provides increased stability during high winds. When lowered to 5 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 ease 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, and can typically be rotated with a single hand.

This light tower weighs approximately 350 lbs and can easily support and lift 100 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 6.5 feet long, 4 feet wide, 5 feet tall and weighs approximately 500 lbs. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. We also offer a choice of either the manual 1,200 lbs 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](#).



Frequently Asked Questions (FAQ)

Links (Click on the below items to view):

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