

Three Stage Light Mast - Extends up to 12 Feet - Mount LED, HID, Halogen, Metal Halide Fixtures

Part #: LM-12-3S



Made in the USA

The Larson Electronics LM-12-3S fold over 3-stage light mast winches provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations of up to twelve feet. This light tower folds over for easy transportation, 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 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 12' for effective coverage. This light boom can be extended to 12' for maximum area coverage and collapsed to 6.5' for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 5.3' in length and 4" by 4" by 1/8" thick, middle section 5.4' in length and 3" by 3" by 1/8" thick, and an upper section 5.9' and 2" by 2" by 1/8" thick. Each section has a 2' minimum overlap. The mast is elevated by pressing down on the end of base stage, elevating the mast into the upright position. The mast is extended to its full height using an included 1,000 lbs hand winch with 3/16" galvanized cable.



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[360° Rotation](#)



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" by 13" by 1/4" thick mounting base-plate which has been drilled to accept six 9/16" 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 6.5', 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 150 lbs and can easily support and lift 125 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 8' long, 4' wide, 5' tall and weighs approximately 375 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 1,000 lbs hand winch included standard or optional electric winch.



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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 needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting 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 for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information

LM-12-3S - 12' Three Stage Telescoping Light Tower

Length: Telescoping from 6.5' to 12'

Weight: +-150 lbs

Capacity: 125 lbs

Materials: Steel

Finish: Powder Coated - Gloss Blue

Operation: (1) 1,000lbs Manual Winch, Electric Optional

Cable: 3/16" Aircraft Cable

Mounting: 1/4" thick, 13"x15" Base Plate

Anchor Bolts: (6) 9/16" Bolts

Shipping: Common Freight

Shipping Dimensions: 8'-L x 4'-W x 5'-H

Shipping Weight: +-375 lbs

Quick Summary

6.5' to 12' Foot Light Mast

Steel Construction

Powder Coated Finish

Removable Mast Head

125 mph Wind Resistance

Manual or Optional Electric Operation

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

Options: Length- Mounting-Fixtures/ Call Us for Special Requirements **E-mail:** sales@larsonelectronics.com

3 year warranty replacement on this light mast. 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.

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[This product does not qualify for free shipping.](#)

Part #: LM-12-3S (69976)

Options:

LM-12-3S- FINISH

Example: LM-12-3S-GLVD

FINISH	
Galvanized	-GLVD
Powder Coat	-PWDC









Links (Click on the below items to view):

- [Dimensional Drawing](#)
- [Manual](#)
- [STEP](#)
- [EASM](#)
- [Hi-Res Image 1 - 12ft Three Stage Light Mast](#)
- [Hi-Res Image 2 - 12ft Three Stage Light Mast](#)
- [Hi-Res Image 3 - 12ft Three Stage Light Mast](#)
- [Hi-Res Image 4 - 12ft Three Stage Light Mast](#)
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