

15' Telescoping Light Mast - 7.5' to 15' - 3 Stage, Fixed Mount, Electric Winch - 400lb Payload Capa

LM-15-3S-FM-EW-400LB

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



LM-15-3S-FM-EW-400LB - 15' Three Stage Telescoping Light Tower

Length: Telescoping from 7.5' to 15'

Weight: +-160 lbs

Capacity: 400 lbs

Materials: Steel

Finish: Galvanized or Powder Coat

Winch Voltage: 120V or 240V AC 50/60 Hz

Operation: (1) Electric Winch

Cable: 3/16" Aircraft Cable

Mounting: 1/4" Thick, 13"x15" Base Plate - Fixed Mount

Anchor Bolts: (6) 9/16" Bolts

Shipping: Common Freight

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

Shipping Weight: +-375 lbs

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

Quick Summary

7.5' to 15' Light Mast

3 Stage Tower

Steel Construction

Removable Mast Head

55 mph Wind Resistance

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics LM-15-3S-FM-EW-400LB Telescoping 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 electric light tower comes with a weight capacity of 400 lbs, 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 15` for effective coverage. The light boom can be extended to 15` for maximum area coverage and collapsed to 7.5` for applications where a smaller footprint is required. This model is offered with a galvanized or powder coated blue finish for durability.

The tower is constructed of square steel tubing with a lower section 70.25" in length and 4" by 4" by 1/8" thick, middle section 73.75" in length and 3" by 3" by 1/8" thick, and an upper section 78.75" and 2" by 2" by 1/8" thick. Each section has a 2` minimum overlap. The mast is extended to its full height using an

included single electric winch with 3/16" galvanized cable. Voltage options for electric operation include 120V or 240V.



[Click Image to Enlarge](#)

[Click Image to Enlarge](#)



[Click Image to Enlarge](#)

The fixed-mount light mast can be secured 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 7.5', the mast can withstand winds up to 55 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.

The electric winch on this mast is offered in 120V or 240V AC 50/60 HZ. Additional voltage options are available at an additional charge. Larson Electronics can offer single phase and three phase AC winches, or low voltage DC winches.

This light tower weighs approximately 160 lbs and can easily support and lift 400 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 160+ 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.

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.



Frequently Asked Questions (FAQ)







Options:

LM-15-3S-FM-EW-400LB-Finish-Winch Voltage

Example: LM-15-3S-FM-EW-400LB-GLVD-120V

Finish	
GALVANIZED	-GLVD
POWDER COAT	-PWDC

Winch Voltage	
120V	-120V
240V	-240V

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)