

LM-25-3S-4X300W-LED-EW

1200 Watt High Intensity LED Light Tower - 25' Three Stage Light Mast - Electric Winch

Product ID: 104948

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



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

LM-25-3S-4X300W-LED-EW Three Stage Electric Telescoping LED Light Tower

Lamp Type: LED

Total Wattage: 1200 (4x 300W)

Total Lumens: 118,320

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

Length: 12 feet - 25 feet

Weight: +-400 lbs

Capacity: 150 lbs

Materials: Steel

Finish: Powder Coated - Gloss Blue

Operation: (2) 1,000lbs Electric Winches, Manual Optional

Cable: 3/16" Aircraft Cable

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

Shipping: Common Freight

Shipping Dimensions: 16.5`-L x 4`-W x 5`-H

Shipping Weight: +-800 lbs

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

Quick Summary

12` to 25` Foot Light Mast

Steel Construction

Power Coated Finish

Removable Mast Head

125 mph Wind Resistance

Manual or Optional Electric Operation

Lights- IP68 & Wet Area Suitable

UL 508A

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics LM-25-3S-4X300W-LED-EW fold over 3-stage light mast with electric winches provides a safe and effective way for operators to quickly deploy the equipped with four high output LED light

fixtures to elevations of up to twenty-five feet. The four 300 watt LED light fixtures produce approximately 29,580 lumens each. This light tower folds over for easy transportation, features a rotating boom that allows for 360° of rotation, two electric winches, 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

Larson Electronics' LM-25-3S-4X300W-LED-EW telescoping steel light tower allows operators to quickly and safely deploy 1200 watts of high intensity LED lighting in locations where elevated illumination is needed for maximum area coverage. 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' for effective coverage. This light boom can be extended to 25' for maximum area coverage and collapsed to 12' for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 10' in length and 4" by 4" by 1/8" thick, middle section 9.5' in length and 3" by 3" by 1/8" thick, and an upper section 8.5' and 2" by 2" by 1/8" thick. Each section has a minimum 1' overlap between stages. The mast is elevated using an included 1,000 lbs electric winch with 3/16" cable and extended to its full height using a second 1,000 lbs electric winch.



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Included with this light tower are four of our wet area suitable LEDP5W-60-1227 LED fixtures producing a combined total of approximately 118,320 lumens at only 1200 watts. Each fixture produces 29,580 lumens of high intensity light while drawing only 300 watts @2.5 amps from a 120 volt electrical system. Sixty CREE XLamp XPG® five watt LEDs producing 493 lumens each are arranged in rows and paired with high purity optics to produce a well focused 25 degree beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional floodlight versions with a 60 degree beam spread to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights. These LED

lights are waterproof to 3 meters, sealed against intrusion by dust and dirt, and very ruggedly constructed to withstand the most demanding mining environments, conditions and applications.

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 1/2" anchor bolts. A 44" wide and 2" by 2" by 1/4" thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for the equipped LED light fixtures.

The LM family of telescoping towers feature a proprietary mast guidance system, which provides increased stability during high winds. When lowered to 14', 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.

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 400 lbs and can easily support and lift 150 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 16.5' long, 4' wide, 5' tall and weighs approximately 800 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 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)









LM-25-3S-4X300W-LED-EW

Product ID: 104948

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LM-25-3S-4X300W-LED-EW-Voltage

Example: LM-25-3S-4X300W-LED-EW-120V

Voltage	
120V	-120V
240V	-240V

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)