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LM-40-4S-EW-THM

40 Foot Telescoping Light Mast - 13-40' Four Stage Tower - Standard Trailer Hitch Mount - Electric

Product ID: 145894

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-40-4S-EW-THM 40` Four Stage Telescoping Light Tower

Length: 13 feet - 40 feet
Weight: +-1,100 lbs
Capacity: 150 lbs
Materials: Steel
Finish: Powder Coated - Gloss Blue
Operation: (1) 2,500lbs Electric Winch
Cable: 3/16" Aircraft Cable
Mounting: Standard Trailer Hitch
Winch Voltage: 120V or 240V AC 50/60 Hz
Dimension (Collapsed): 29.750"-L x 44"-W x 156"-H
Dimension (Extended): 29.750"-L x 44"-W x 480"-H
Shipping: Common Freight
Shipping Dimensions: 16.5`-L x 4`-W x 5`-H
Shipping Weight: +-1500 lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary

13 to 40 Foot Light Mast
Steel Construction
Power Coated Finish
Removable Mast Head
125 mph Wind Resistance
Electric Operation
UL 508A

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics LM-40-4S-EW-THM trailer hitch mount 4-stage light mast provides a safe and effective way for operators to quickly

deploy lights, security cameras and other equipment to elevations of up to forty feet by utilizing a vehicle`s trailer hitch mount. This light tower collapses for easy transportation in a truck bed or other large vehicle and features 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 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 40 feet for effective coverage. The trailer hitch mount design and pair of 1,000lb adjustable outriggers allow for operators to deploy lighting and equipment in remote locations and anywhere a truck or vehicle with a trailer hitch can be driven. This light boom can be extended to 40 feet for maximum area coverage and collapsed to 13 feet for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a base section 11.25` in length and 5" x 5" by 3/16" thick, lower section 11.25` in length and 4" x 4" by 1/8" thick, an upper section 11.25` in length and 3" x 3" by 1/8" thick, and a top section 11.75` in length and 2" x 2" by 1/8" thick. Each section has a 15-18" overlap. The mast is elevated using an included 2,500 lbs electric winch with 3/16 inch cable.

The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are mounted to standard trailer hitch mounts found on a variety of vehicles. A 44" 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 mounted 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 14 feet, the mast can withstand winds up to 125 mph. The mast can be positioned in one of four different directions, and locked back in place by re-tightening the T-handle.

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 1,100 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 feet long, 4 feet wide, 5 feet tall and weighs approximately 1500 lbs. Larson Electronics can custom tailor these units to the customer`s requirements with longer sections and different sized trailer hitches. We also offer a choice of manual 2,500 lbs hand winches instead of the 2,500lbs 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.

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Frequently Asked Questions (FAQ)

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Product ID: 145894

Export Control Classification Number (ECCN): EAR99

Options:

LM-40-4S-EW-THM-Winch Voltage

Example: LM-40-4S-EW-THM-120V

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

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **Video1**
- **Video2**
- **Video3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**