Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

LM-35-4S-EW-240V

35 Foot Light Mast w/ Electric Winch Operation - 12' to 35' - Fold Over Light Boom - Four Stage Light Tower

Product ID: 273301

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-35-4S-EW-240V 35ft Four Stage Electric Telescoping Light Tower

Length: 12 Feet - 35 Feet
Weight: +/- 400 lbs
Capacity: 150 lbs
Stages: 4
Materials: Steel
Finish: Powder Coated (Gloss Blue), or Hot Dip Galvanized
Operation: (2) 1,000lbs Electric Winches, Manual Optional
Cable: 3/16 Aircraft Cable
Winch Voltage: 240V AC 50/60 Hz
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: +-1075 lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary

12 to 35 Foot Light Mast
Steel Construction
Powder Coated or Galvanized Finish
Removable Mast Head
125 mph Wind Resistance
Manual or Optional Electric Operation
NRTL Certified to UL 508A

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

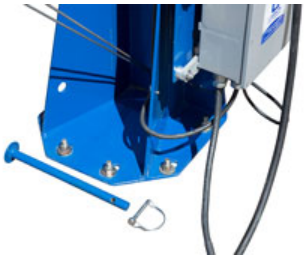
Made in the USA

The Larson Electronics LM-35-4S-EW-240V Light Mast w/ Electric Winch Operation provide a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations of up to thirty-five feet. This 12` to 35` 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

The 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 35` for effective coverage. This light boom can be extended to 35` 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 base section 8.43` in length and 3.75" x 3.75" by 3/16" thick, lower section 8.43` in length and 3" x 3" by 1/8" thick, an upper section 8.43` in length and 2.25" x 2.25" by 1/8" thick, and a top section 8.81` in length and 1.5" x 1.5" by 1/8" thick. Each section has an 11.25-13.25" overlap. 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.



Locking Pin

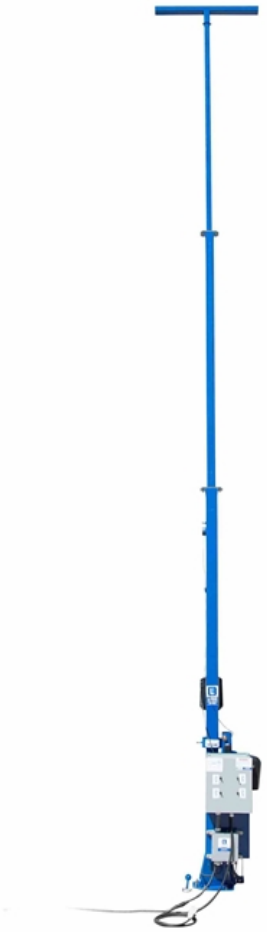
Control Panel

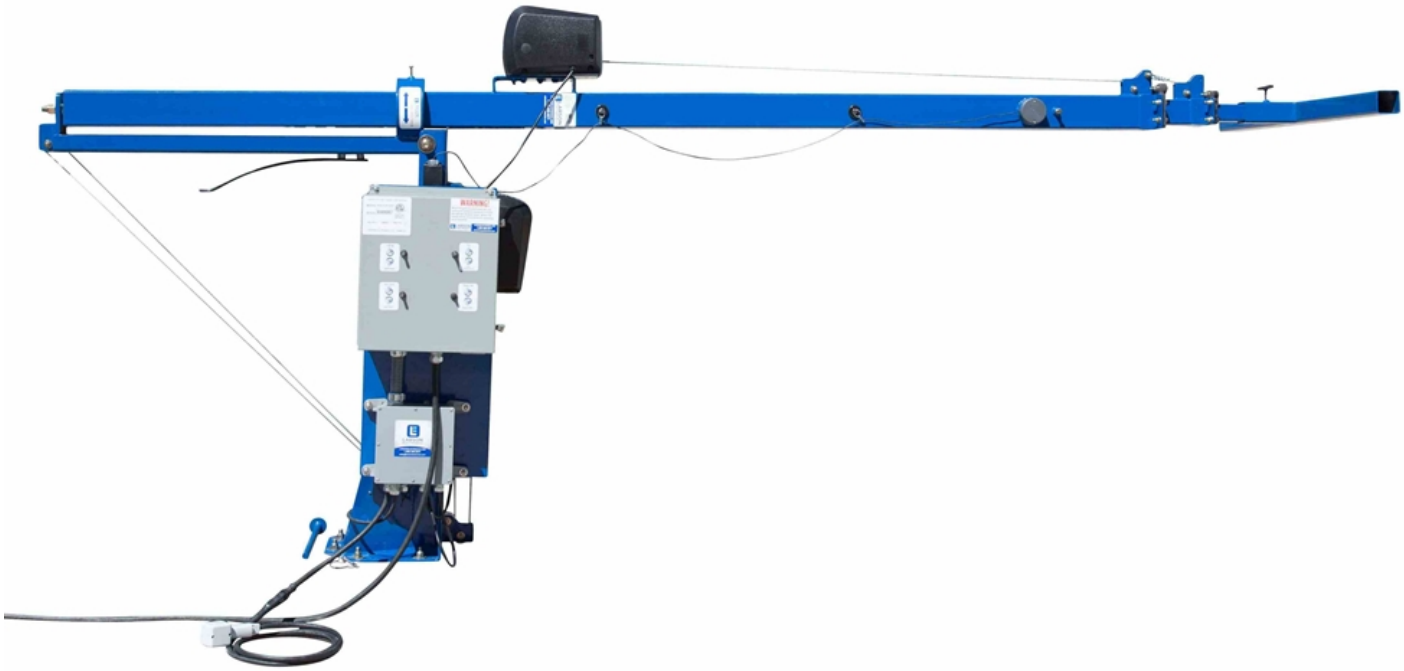
The LM series towers are available in two finish options: powder coated with glossy blue finish for corrosion resistance and aesthetics, or hot dip galvanized for superior corrosion resistance. These light masts are typically mounted to trailers or other stable surfaces via a 15" by 13" by 1/4" thick 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 mounting 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 12`, 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.

Mast Hand Control

The electric winch on this mast is offered in 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 1075 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.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)