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-10-5-3S-FM-EW-24V

10' Light Mast w/ Electric Winch - 5' to 10' - 24V - Fold Over Light Boom - Standard Base Plate

Product ID: 264594

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-10-5-3S-FM-EW-24V Three Stage Electric Telescoping Light Tower

Length: 5 feet - 10 feet
Weight: +-400 lbs
Capacity: -
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: 24V DC
Mounting: 13" x 15" x 1/4" Thick Base Plate w/ (6) Mounting Holes
Anchor Bolts: (6) 9/16" Anchor Bolts (Not Included)
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

Summary

5 to 10 Foot Light Mast
Steel Construction
Powder Coated or Galvanized Finish
Removable Mast Head
125 mph Wind Resistance
Manual or Optional Electric Operation

Special Orders - Special Requirements

Contact us for special requirements

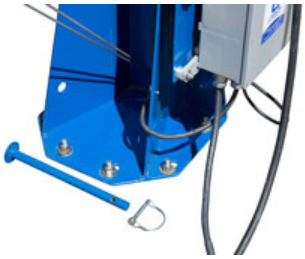
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics LM-10-5-3S-FM-EW-24V fold over 3-stage light mast with electric winches provide a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations of up to 10 feet. This light tower folds over for easy transportation, features a rotating boom that allows for 360° of rotation, two electric winches that operate on 24V DC, 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 10` for effective coverage. This light boom can be extended to 10` for maximum area coverage and collapsed to 5` for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 3.86` in length and 4" by 4" by 1/8" thick, middle section 4.15` in length and 3" by 3" by 1/8" thick, and an upper section 4.56` in length and 2 1/2" by 2 1/2" by 1/8" thick. Each section has a 1 foot 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. The electric winches operate on low voltage 24V DC.



Locking Pin



Towers Rotated



Control Panel



Folded Over



Raised



Back

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. This light mast can be mounted to trailers or other stable surfaces via a 13" x 15" x 1/4" thick mounting base plate which has been drilled to accept six 9/16" anchor bolts (anchor bolts not included). 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 5 feet, 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

This light tower weighs approximately 400 lbs and can easily support and lift customer-provided 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

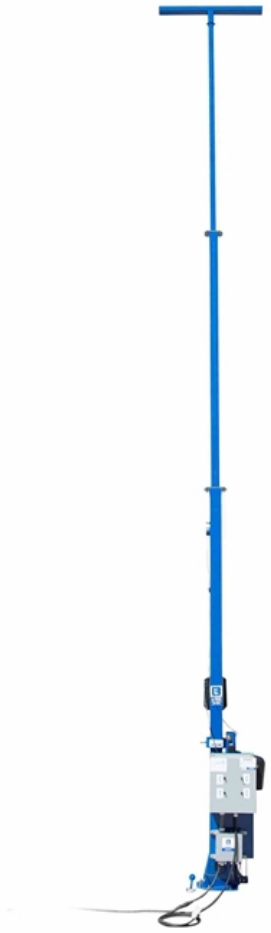
a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches.

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.

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Frequently Asked Questions (FAQ)



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LM-10-5-3S-FM-EW-24V

Product ID: 264594

Export Control Classification Number (ECCN): EAR99

Options:

LM-10-5-3S-FM-EW-24V-Finish

Example: LM-10-5-3S-FM-EW-24V-PWDC

Finish	
POWDER COAT	-PWDC
GALVANIZED	-GLVD

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **STEP File (3D CAD Model)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**