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-28-6-5S-FM

28' Five Stage Fixed Mount Telescoping Light Mast - Extends to 28 Feet - Collapses to 6 Feet

Product ID: 145954

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-28-6-5S-FM - 28` Five Stage Fixed Light Tower
Length: Telescoping from 6` to 28`
Weight: +-360 lbs
Capacity: 150 lbs
Materials: Steel
Finish: Powder Coated - Gloss Blue
Operation: 3,500lbs Manual Winch, Electric Optional
Cable: 3/16" Aircraft Cable
Mounting: 1/4" thick, 18"x18" Base Plate
Anchor Bolts: (6) 9/16" Bolts
Shipping: Common Freight
Shipping Dimensions: 9.5`-L x 4`-W x 5`-H
Shipping Weight: +-1100 lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary
6` to 28` Foot Light Mast
Steel Construction
Powder Coated 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

Made in the USA

The Larson Electronics LM-28-6-5S-FM Fixed Mount 5-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 twenty-eight feet. This light tower collapses down to six feet easy transportation, features a articulating 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**

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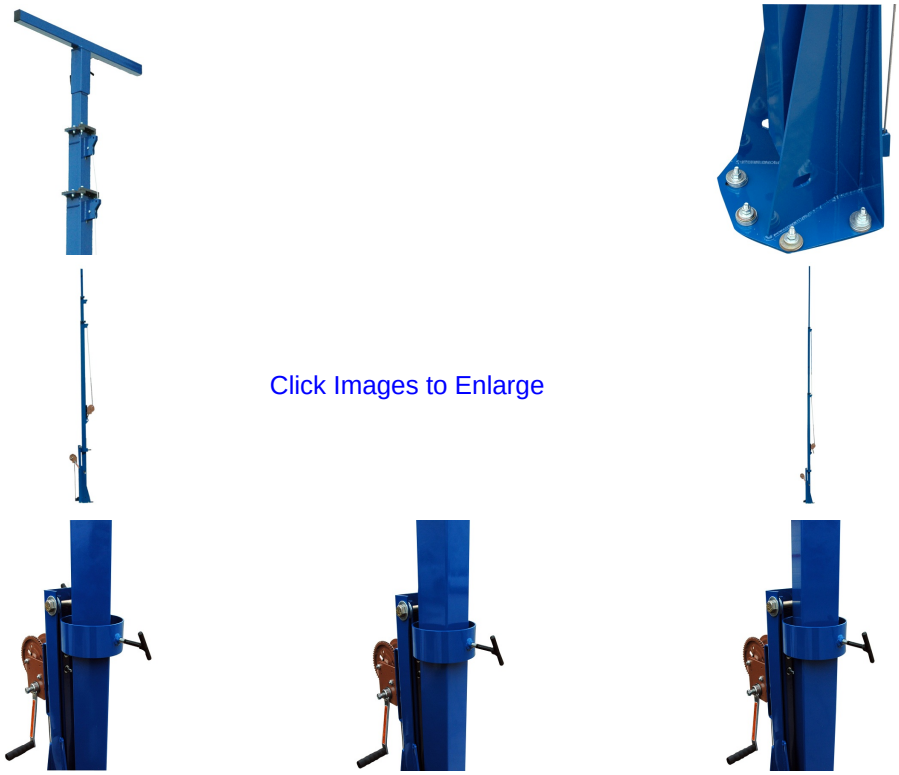
MASTS OR LIGHT TOWERS*

This telescoping five 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 28` for effective coverage. This light boom can be extended to 28` for maximum area coverage and collapsed to 6` for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a base section 4.6` in length and 6" by 6" by 3/16" thick, lower section 4.78` in length and 5" by 5" by 3/16" thick, middle section 4.93` in length and 4" by 4" by 1/8" thick, upper section 5.08` in length and 3" by 3" by 1/8" thick, and top section 5.58` in length and 2" by 2" by 1/8" thick. Each section has a 1`+ overlap. The mast is extended to its full height using an included 3,000 lbs hand winch with 3/16" galvenized steel cable.



Click Images to Enlarge

The LM series of telescoping 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 18" by 18" by 1/4" thick mounting base-plate which has been drilled to accept six 9/16" 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 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 6`, 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.
This light tower weighs approximately 360 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 9.5` long, 4` wide, 5` tall and weighs approximately 1100 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 3,000 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.

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Frequently Asked Questions (FAQ)









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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**