

## 12-30' Stationary 3-Stage Aluminum Light Tower - 360° Rotating Boom - Fixed Mount - Powder Coated

### LM-30-3S-FM-ALU

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



#### LM-30-3S-FM-ALU - 30' Three Stage Telescoping Aluminum Light Tower

**Length:** Telescoping from 12' to 30'

**Weight:** +-126 lbs

**Capacity:** 100 lbs

**Materials:** Aluminum

**Finish:** Powder Coated - Gloss Blue

**Operation:** (1) 1,000lbs Manual Winch, Electric Optional

**Cable:** 3/16" Galvanized Aircraft Cable

**Mounting:** 1/4" thick, 13"x15" Base Plate

**Anchor Bolts:** (6) 9/16" Bolts

**Shipping:** Common Freight

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

**Shipping Weight:** +-200 lbs

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

#### Quick Summary

12' to 30' Foot Light Mast

Steel Construction

Powder Coated Finish

Removable Mast Head

125 MPH Wind Resistance

Manual or Optional Electric Operation

#### Special Orders- Requirements

Contact us for special requirements

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### **This unit is Made In USA - Manufactured in Texas**

**The LM-30-3S-FM-ALU from Larson Electronics is a fixed mount 3-stage aluminum light mast that provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations of up to thirty feet. This light tower features a rotating boom that allows for 360° of rotation and a removable mast head for storing mounted equipment when not in use.**

This telescoping three stage aluminum 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 30` for effective coverage. This light boom can be extended to 30` for maximum area coverage and collapsed to 12` for applications where a smaller footprint is required. This lightweight tower is constructed of square aluminum tubing with a lower section 12` in length and 4" by 4" by 1/8" thick, middle section 11` in length and 3" by 3" by 1/8" thick, and an upper section 10` 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 1,000 lbs hand winch with 3/16" galvanized cable.



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 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 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.

This light tower weighs approximately 126 lbs and can easily support and lift 100 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 1400 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 lb hand winch included standard or optional 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](#). 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](mailto: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)











Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [STEP File \(3D CAD Model\)](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)