

## 15 Foot Fold Over Light Mast on 12' Trailer - Single Stage Tower - 360° Rotating Boom -Trailer Mount

### LM-15-1S-TLR12

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



#### LM-20-3S-10TLR Trailer Mounted 3-Stage Light Tower

##### Light Mast Specs

**Tower Length:** 15

**Mast Head Length:** 44"

**Capacity:** 150 lbs

**# of Stages:** 1

**Materials:** Steel

**Finish:** Powder Coated - Gloss Blue

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

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

##### Trailer Specs

**Materials:** Steel

**Trailer Dimensions:** 12'-L x 6.5'-W trailer bed

**Hitch:** 2" Ball Coupler

**Wiring:** 7-Pin Flat

**Axle:** 3,500lb

**Suspension:** 3,500 Lb 4-Leaf Double Eye Springs

**Outriggers:** (4) 34" 1,000 Manual Crack Leveling Jacks - Retractable

**Wheels:** (2) 15" 5x4.5 Steel Rims

**Tires:** ST205/75/D15 H188

**Weight:** +-600 lbs

**Shipping:** Common Freight

**Shipping Dimensions:** ~11'-L x 8'-W x 8'-H

**Shipping Weight:** +-700 lbs

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

The customer ships the failed light mast to Larson Electronics at their expense. If the failure is a manufacturer defect, we will repair and/or replace the unit.

##### Quick Summary

15' Light Mast

Steel Construction

Power Coated Finish

Removable Mast Head

(4) 1,000lb Retractable Outriggers

125 mph Wind Resistance

Manual or Optional Electric Operation

##### Special Orders- Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-214-616-6180

**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

### **Made in the USA**

**The Larson Electronics LM-15-1S-TLR12 single stage fold over light mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to fifteen feet. This light tower folds over for easy transportation, features a rotating**

**boom that allows for 360° of rotation, and a removable mast head for storing mounted equipment when not in use. The entire assembly is mounted onto a 12` single axle trailer, allowing operators to transport this fold over boom from location to location.**

**\*PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS\***

This telescoping 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 of 15 feet for effective coverage. The tower is constructed of square steel tubing with a mast section 15` in length and 3" by 3" by 1/4". The mast is elevated using an included 1,000 lbs hand winch with 3/16" galvanized steel cable. The mast is mounted at the rear of a 12` trailer and the mast head hangs above the back of the trailer.



[Click Image to Enlarge](#)



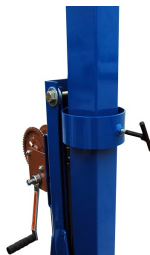
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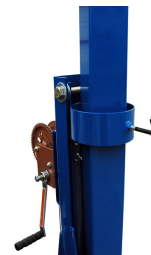
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The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are typically mounted to trailers or other stable surfaces via a 15 inch by 13 inch, 1/4 inch thick mounting base-plate which has been drilled to accept six 3/4 inch anchor bolts. A 44 inch wide and 1/4 inch 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 provide increased stability during high winds. 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 easy 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 with easy, and can typically be rotated with a single hand.

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The LM-15-1S-TLR12 fitted with four Ready to Ship

The LM-15-1S-TLR12 fitted with four

[HID-22-SL-REM 1000 Watt Metal  
Halide Light Fixtures](#)

[LM-15-1S-TLR12 150 Watt Explosion  
Proof LED Light Fixtures](#)

Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. For example, the LM-25 is another model that reaches to a length of 25 feet, with a 15 foot lower section and a 10 foot upper section and a 4 foot wide upper mounting bracket. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches. The extending outriggers offer a choice of wheeled bases or flat platform feet. We can further customize these units with sheet metal, diamond plate, weather treated wood, or expanded metal deck bed.

We also offer a choice of either the manual or electric winches, finishing, and equipped light heads. Winch options include 1,000 lbs hand winches (included standard) or optional electric winches for standard light towers, and heavy duty winches and hoists for high payload units. Powder coating color can be customized (the standard mast is gloss blue). Mast location on the trailer bed can be tongue mounted, front of the trailer bed, or center of the trailer bed. These towers can be fitted with Larson Electronics line of high output light heads, or customize the mast head to meet the mounting requirements for your equipment.

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**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)











**Options:**

**LM-15-1S-TLR12-Outriggers**

**Example: LM-15-1S-TLR12-PF**

Outriggers	
PLATFORM FEET	-PF
WHEELED CASTERS	-WC

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)