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

SPLT-.53K-LM30-2XN3B-PW-EW-TLR7-AB0001

Portable Trailer Mounted Light Tower - 30' Mast w/ Electric Winch - 7.5' Long by 7' Wide Trailer - 2" Ball Coupler Hitch

Product ID: 313015

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.

SPLT-.53K-LM30-2XN3B-PW-EW-TLR7-AB0001 Trailer Mounted Solar Generator

Light Mast

Light Mast Specs

Tower Length: 13.5' to 30'
Dimensions (Deployed): 117.54"-L x 151.50"-W x 384.39"-H
Dimensions (Transport): 138.55"-L x 98.00"-W x 67.86"-H
Mast Head Length: 44"
Materials: Steel
Finish: Powder Coated - Gloss Blue
Operation: Electric Winch
Mast Cable: 3/16" Galvanized Aircraft Cable
Cable Sheath: Sealtight Coiled Tubing

Quick Summary

13.5' to 30' Light Mast
Steel Construction
Powder Coated Finish
Removable Mast Head
(4) 1,000 lb Outriggers
125 mph Wind Resistance
Electric Operation

Trailer Specs

Materials: Steel

Trailer Dimensions: 7.5'L x 7'W Trailer Bed- 10.75' Total Length

Hitch: 2" Ball Coupler
Wiring: 7-Pin Flat
Axle: 3,500 lb

Suspension: 3,500 lb 4-Leaf Double Eye Springs

Outriggers: (4) 1,000 Manual Leveling Jacks

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

Tires: ST205/75/D15 H188
Weight: +-600 lb

Shipping: Common Freight

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Shipping Dimensions: 8'-L x 8'-W x 12'-H

Shipping Weight: +-600 lb

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

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The SPLT-.53K-LM30-2XN3B-PW-EW-TLR7-AB0001 from Larson Electronics is a Light Mast and Trailer that provides a safe and effective way for operators to quickly deploy cameras, security devices and other equipment to elevations up to thirty feet. This light mast and trailer features a telescoping light tower that folds over for easy transportation, a rotating boom that allows for 360° of rotation and a removable mast head for storage when not in use.

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

ONLY a light mast and trailer is included with the SPLT-.53K-LM30-2XN3B-PW-EW-TLR7-AB0001.

This telescoping five stage steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy a variety of equipment in locations where it must be elevated to heights up to 30' for effective coverage. This light mast can be extended to 30' above the trailer floor for maximum area coverage, and collapsed to 13.5' for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a base section 6.6' in length and 6" by 6" by 3/16" thick, lower section 6.78' in length and 5" by 5" by 3/16" thick, middle section 6.93' in length and 4" by 4" by 1/8" thick, upper section 7.08' in length and 3" by 3" by 1/8" thick, and top section 7.58' 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 electric winch. The entire assembly is mounted onto a 7' single axle trailer, allowing operators to transport this portable tower from location to location.

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 the equipped LED light fixtures. A mounting plate on the top of the mast head provides a secure mounting platform for a NEMA 3R 12" x 12" x 6" junction box (not included), where operators can mount cameras, indicator lights, and route electrical cabling. 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 positions and locked back in place by re-tightening the T-handle. The mast itself spins freely with ease and can typically be rotated with a single hand. The LM series of towers are powder coated with glossy blue finish for corrosion resistance and aesthetics.

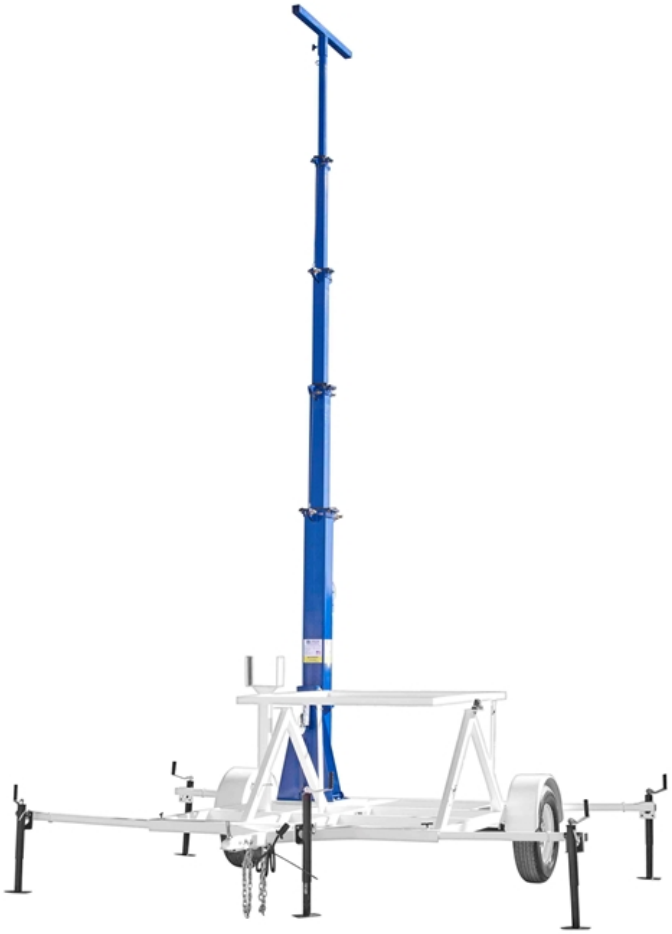
The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. Four 1,000 lb hand crank leveling jacks are used for leveling. The jacks can be leveled by hand crank or attachment provided for power drills. These outriggers can be extended 2' out from the side of the trailer for added stability. When lowered to 13.5', the mast can withstand winds up to 125 mph. Custom builds can be provided for higher wind speed resistance when fully raised.

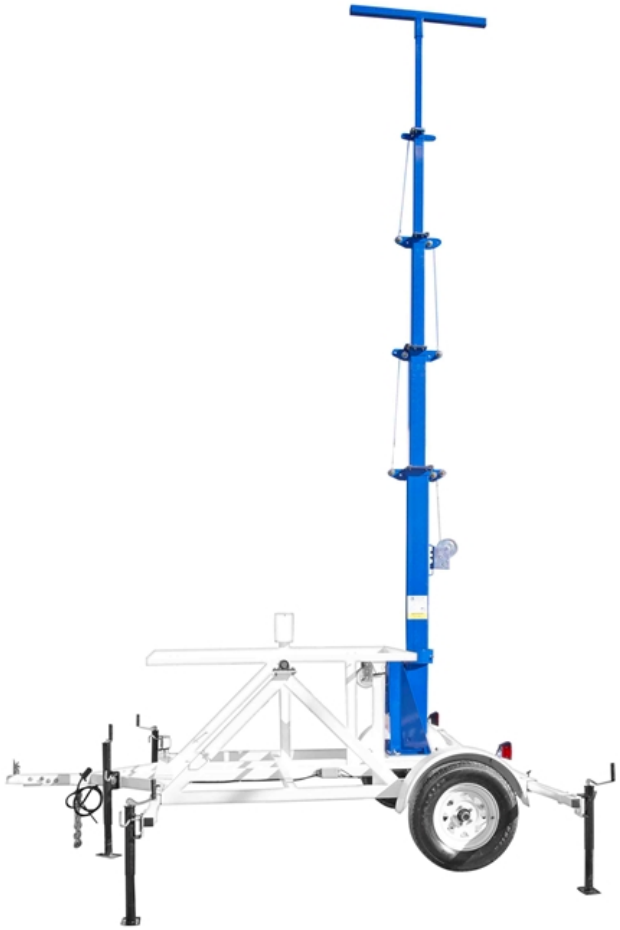
Trailer Assembly: The entire assembly is mounted to a 7.5' by 7', single axle trailer via six 1/2" anchor bolts. The two wheel trailer is equipped with 3,500 lb axle and leaf springs with 15" trailer tires. A standard 2" ball coupling, two standard safety chains, and 7-pin flat trailer plug allow for easy hookup and towing. The trailer tongue can be removed for long term deployment. Four outriggers mounted to the corners of the trailer allow operators to level the trailer and provide stabilization during deployment. All trailer lighting complies with DOT/FMVSS regulations.

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.

The SPLT-.53K-LM30-2XN3B-PW-EW-TLR7-AB0001 comes with the light mast and trailer ONLY.





Frequently Asked Questions (FAQ)