

## 50' Light Mast on Single Ski Axle Trailer - 13' to 50' - Electric Winch/WRC, pontoons - Aluminum LM-42-11-6S-EW-10TLR-SKI.PN-MOD1



### **Made in the USA**

The Larson Electronics LM-42-11-6S-EW-10TLR-SKI.PN-MOD1 ski trailer mounted 6-stage light mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to fifty 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. Equipped with a 120V AC electric winch controlled by a wireless remote and bottom-located pontoons, the entire assembly is mounted onto a 10' single axle trailer with skis, allowing operators to transport this light tower from location to location over ice and snow.

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

This telescoping six-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 42' for effective coverage. This light boom can be extended to 50' above the trailer floor for maximum area coverage, and collapsed to 11' for applications where a smaller footprint is required.

The tower is constructed of aluminum with a base section 11' in length and 6" x 6" by 3/16" thick, lower section 11' in length and 5" x 5" by 3/16" thick, middle section 11' in length and 4" x 4" by 1/8" thick, an upper section 11' in length and 3" x 3" by 1/8" thick, and a top section 11' in length and 2" x 2" by 1/8" thick. Each section has a 15-18" overlap. The mast is elevated using an included 1,000 lbs 120V AC electric winch with a 3/16" galvanized cable and extended to its full height using a second 1,000 lbs 120V AC electric winch. The electric winch is controlled using a wireless remote control.

The mast is mounted to the trailer, via a 50.72" x 54" frame with 4-corner support. The mast head hangs above the back of the ski trailer. Pontoons located under the unit ensures safety in case icy surfaces suddenly break. In the event the heavy-duty light tower encounters such conditions, it will float on the water and will not sink to the bottom.

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A sturdy mounting platform is attached to the upper section of the mast which provides a strong and stable platform for mounted equipment up to 250 lbs. This mast is capable of supporting payloads up to 100 lbs, with a 20" x 30" x 12" sail/instrument box.

The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. Capable of clearing 11 feet (with the mast), the trailer bed is constructed of aluminum to help prevent ice buildup on the bed platform, allowing snow and rain to flow through the trailer instead of building up on the deck, and to aid in melting of any ice and snow to buildup on the bed. Additional

space on the trailer bed, measuring 34" x 54" at the front and back of the mast, is available for holding tools and equipment. The dual-ski trailer is equipped with 3,500 lbs leaf springs, metal snow skis and pontoons.

The trailer can support and haul an additional 1,000 lbs of equipment. A 2" round and 5/8" thick Pintle hitch is welded to the trailer, two standard safety chains, and skis allow for easy hookup and towing via snowmobiles and four-wheelers.

*\*Please note, this trailer is not equipped with running, stop, tail, or signal lights and is designed for off-road use only!\**

The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. Four 1,000 lbs 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`, the mast can withstand winds up to 125 mph. Three additional 1,000lb jacks help prevent the skis and tongue from freezing to glaciers, or to help break the trailer and skis free after already frozen.



Retractable outriggers with 1,000 lb manual crank jacks.

[Click Image to Enlarge](#)



The LM-20-3S-10TLR-SKI fitted with four HID-22-SL-REM 1000 Watt Metal Halide Light Fixtures

[Click Image to Enlarge](#)



[Click Image to Enlarge](#)

This light tower assembly weighs approximately 1200 lbs, can easily support and lift 250 lbs fixtures. The entire tower assembly is shipped via common freight carrier or flatbed. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. For example, the LM-40-4S is another model that reaches to a length of 40`, with base section 11.25` in length, lower section 11.25` in length, an upper section 11.25` in length, and a top section 11.75` in length. Larson Electronics can custom build these towers to meet your overall and collapsed height requirements.

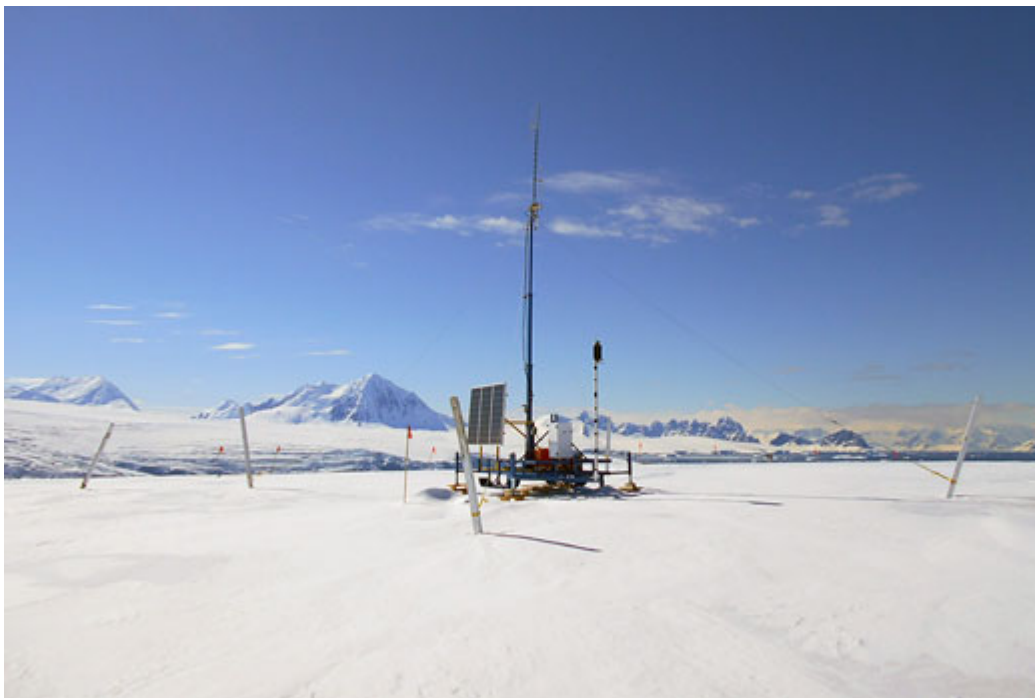
We also offer a choice of either the manual or electric winches, finishing, and equipped light heads. Winch options include 1,000 lbs hand winches (included standard) or optional electric winches for standard light towers, and heavy duty winches and hoists for high payload units. Powder coating color 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 HID-22-SL-REM or 1500W HID-22-15M-SL-REM Metal Halide lights or a wide variety of high powered LED lights with comparable power, including the [LED10WSA-160](#), [LED10WSA-320](#), [LEDP5W-30](#), [LEDP5W-60](#), and [GAU-HB-160LED](#).



[LM-20-3S-10TLR-SKI in use in Antarctica](#)

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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