Larson Electronics LLC
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LM-16-2X1000W

2000 Watt 16 Foot Telescoping Light Mast - Fold Over Light Tower - 360° Rotating Boom - High Mast

Product ID: 71237

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-16-2X1000W 2000 Watt Fold Over Light Mast
Lamp Type: Metal Halide
Lamps: (2) 1000 Watt Metal Halide Spots Lamps
Total Watts: 2,000
Total Lumens: 220,000
Mast Length: 10 feet - 16 feet
Weight: +-325 lbs
Capacity: 150 lbs
Materials: Steel
Finish: Powder Coated - Gloss Blue
Operation: (2) 1,000lbs Hand Winches, Electric Optional
Cable: 3/16 Aircraft Cable
Mounting: 1/4" thick, 13"x15" Six Bolt Hole Bracket
Shipping: Common Freight
Shipping Dimensions: 12`-L x 4`-W x 5`-H
Shipping Weight: +-550 lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary
10 to 16 Foot Light Mast
Steel Construction
Power Coated Finish
Removable Mast Head
125 mph Wind Resistance
Manual or Optional Electric Operation
UL 1572
19" Lamp Reflector w/ Tempered Glass Lens
Finger Latch for Easy Bulb Access
NEMA 3R Remote Ballast Enclosure

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The Larson Electronics LM-16-2X1000W fold over light mast provides a safe and effective way for operators to quickly deploy 2000 watts of intense lighting to elevations up to sixteen feet. The four 1,000 watt metal halide lamps produce a wide spread of intense white light, allowing this unit to effectively cover large work areas with high

quality illumination. 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.

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

The LM-16-2X1000W telescoping steel light mast from Larson Electronics' is designed to quickly and safely deploy 2,000 watts of metal halide lighting in locations where elevated illumination is needed for maximum area coverage. This light boom can be extended to 16 feet for maximum area coverage and collapsed to 10 feet for applications where a footprint smaller is required. The tower is constructed of square steel tubing with a lower section 10 feet in length and 4 inches in diameter and an upper section 8 feet in length and 3.5 inches in diameter with 2 foot of overlap. The mast is elevated using an included 1,000 lbs hand winch with 3/16 inch cable and extended to its full height using a second 1,000 lbs winch.



Click Image to Enlarge



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Click Image to Enlarge

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 36 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 the four metal halide fixtures. Included with this light tower are two of our wet area suitable HID-22-SL-REM metal halide fixtures producing a combined total of approximately 200,000 lumens at 2,000 watts. These lamps have 19" reflectors and are constructed of aluminum with a clear tempered glass lens which is secured into place with a heavy duty gasket and single ring lock. These floodlights produce a wide flood light pattern capable of illuminating approximately 3 acres. Each floodlight is securely fastened to the light boom and each lamp includes a support bracket to help maintain lamp stability within its housing. The lamps are connected to the power source via a water tight male pin connector that attaches to a receptacle located on the end of the telescoping boom.

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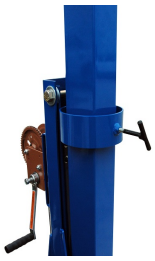
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The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. When lowered to 10 feet, the mast can withstand winds up to 125 mph. When elevated to its full upright position, the mast can be rotated a full 360°. By loosening the T-Handle, operators can rotate the mast with 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.

This light tower weighs approximately 325 lbs, can easily support and lift 150 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 12 feet long, 4 feet wide, 5 feet tall and weighs approximately 550 lbs. 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.

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):

- **IES (Photometric File)**
- **Photometric Flood Report**
- **Photometric Indoor Report**
- **Photometric Polar Graph**
- **Photometric Road Report**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**