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

LM-16-4x1000W

4000 Watt - Metal Halide - Light Tower - 18.5 Feet

Product ID: 50902

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-16-4x1000W Light Mast - Light Tower - Light Boom
Length: 9.6 feet - 18.5 Feet
Weight: 300 lbs
Capacity: 150 lbs
Materials: Steel

Operation: 2-1,000lbs Hand Winches, Electric Optional

Mounting: 1/2" thick, 12 inch Square, Four Hole Bracket

Shipping: Common Freight

Shipping Weight: 380 lbs

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

Quick Summary
9.6 - 18.5 Ft Extendable Mast
Steel Construction
125 mph Wind Resistance
Manual or Optional Electric Operation
Lights- UL 1572 & Wet Area Suitable

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The LM-16-4x1000W Light Tower is an 18 foot extendable light tower equipped with four metal halide light fixtures producing approximately 100,000 lumens each. 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.
The LM-16-4x1000W telescoping steel light tower allows operators to quickly and safely deploy 4,000 watts of metal halide lighting in locations where elevated illumination is needed for maximum area coverage. This two section light boom can be extended to 18.5 feet for maximum area coverage and collapsed to 9.6

feet and lowered into a horizontal position for transport or stowage. The tower is constructed of square steel tubing with a lower section 9 feet 6 inches in length and 4 inches in diameter and an upper section 7 feet 6 inches in length and 3 inches in diameter. The mast is elevated using an included 1,000 lbs hand winch with 1/4 inch cable and extended to its full height using a second 1,000 lbs winch. The tower alone reaches 16 feet and the total height of this tower including the metal halide lamps is 18.5 feet.
Included with this light tower are four of our wet area suitable HID-22-SL-rem metal halide fixtures producing a combined total of approximately 400,000 lumens at 4,000 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 5 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.

Click Photo to Enlarge Click Photo to Enlarge Click Photo to Enlarge

These light masts are typically mounted to trailers or other stable surfaces via a 12 inch square, 1/2 inch thick mounting base-plate which has been drilled to accept four mounting bolts (3/4 inch). A 24 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. This light tower when lowered to 9.6 feet can withstand winds up to 125 mph. We can equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high powered LED lights with comparable power. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches. Call us at 1-800-369-6671 or contact us at sales@larsonelectronics.com to discuss any special custom ordering requirements.
Suggested Applications: Construction sites, event lighting, emergency services, highway projects, industrial plants, mining and excavation and anywhere a mobile light source with large area coverage capability is needed.

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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**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**