Larson Electronics LLC
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LM-30-3S-4X1000W

4000 Watt - Metal Halide - Three Stage Light Tower - 30 Feet

Product ID: 49856

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-30-3S-4X1000W Light Mast
Length: 12-30` - Telescoping
Weight: +-375 lbs
Capacity: 150 lbs
Materials: Steel
Finish: Powder Coated - Gloss Blue

Operation: (2) 1,000lbs Manual Winches, Electric Optional
Cable: 3/16" Galvanized Steel Aircraft Cable

Mounting: 13" x 15" x 1/4" Thick

Anchor Bolts: (6) 9/16" Bolts
Lamp Type: Metal Halide
Total Wattage: 4,000
Total Lumens: 440,000
Luminous Efficacy: 110 Lm/W
Voltage: 208V, 220V, 240V, 277V, 480V
Wiring: 50` Extending From Mast Base w/ Cord Cap

Cord Cap: L21-20 (208V), L14-20 (220/240V), L7-20 (277V), L8-20 (480V)

Shipping: Common Freight

Shipping Weight: Approx. 1200 lbs

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

Quick Summary
12 - 30 Ft Extendable Mast
Steel Construction
125 mph Wind Resistance
Manual or Optional Electric Operation
Lights- cUL 1572 & Wet Area Suitable

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671

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Made in the USA
The LM-30-3S-4X1000W Light Tower from Larson Electronics is a 30 foot

extendable light tower equipped with four metal halide light fixtures producing approximately 110,000 lumens each. This tower illuminates approximately 5 acres, and includes a rotating base to allow the unit to be easily aimed in any direction regardless of mounting position.

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

Larson Electronics' LM-30-3S-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 three section light boom can be extended to 30 feet for maximum area coverage and collapsed to 12 feet and folded over for transport or when not in use. The tower is constructed of square steel tubing with three sections of 12 feet, 11 feet and 10 feet. The mast is elevated from the fold down position using an included 1,000 lb hand winch with 3/16 inch aircraft cable, and extended to its full height using a second 1,000 lbs winch. A rotating mounting platform allows operators to rotate the entire tower on its base, providing an easy means of directing the lights regardless of tower location.

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 440,000 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 Image to Enlarge


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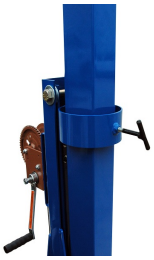

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The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are typically mounted to trailers or other stable surfaces via a 15" by 13" by 1/4" thick mounting base-plate which has been drilled to accept six 9/16" anchor bolts. 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 four equipped metal halide light fixtures.

The LM family of telescoping towers feature a proprietary mast guidance system, which provides increased stability during high winds. When lowered to 12`, 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 ease 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, and can typically be rotated with a single hand.

This light tower weighs approximately 375 lbs and can easily support and lift 150 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 16.5` long, 4` wide, 5` tall and weighs approximately 1,200 lbs. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches.

This light tower is equipped with 30` of SOOW cable extending up the mast, with quick disconnects from the mast head to allow the head to be removed during transit and storage. 50` of SOOW cable extends from the remote ballast box enclosure at the base of the mast and is equipped with an industrial cord cap. This metal halide light tower can be configured to operate on 208V, 220V, 240V, 277V, or 480V AC.

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. To permanently mount this light mast a 2 foot concrete pillar is recommended with a 20" wide slab.

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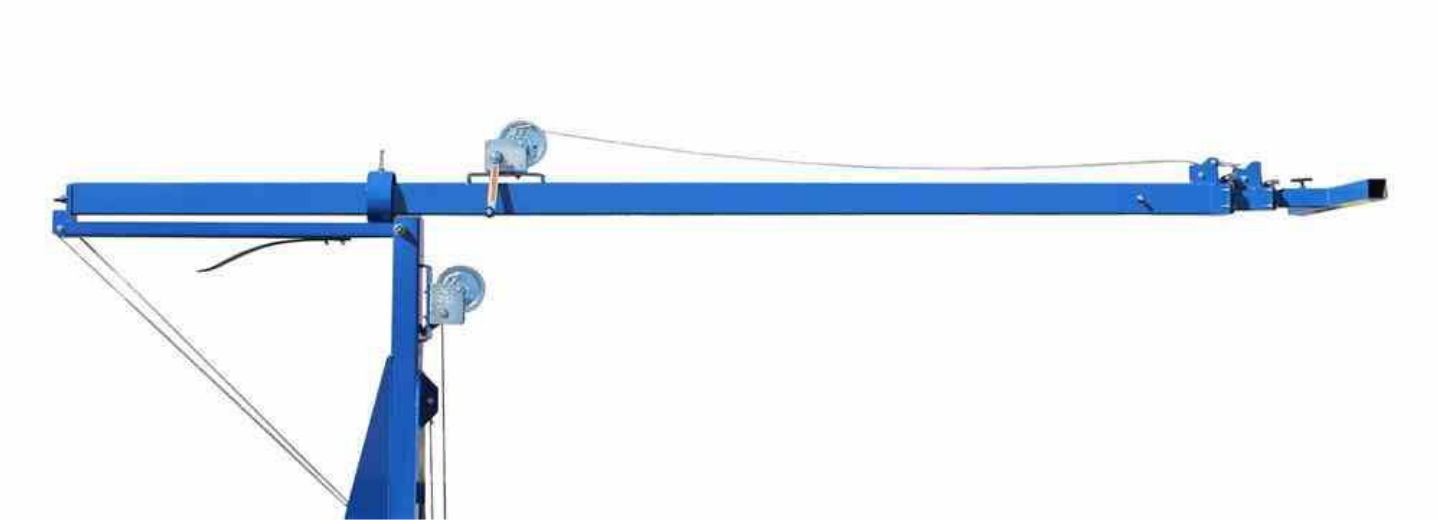
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Frequently Asked Questions (FAQ)

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LM-30-3S-4X1000W

Product ID: 49856

Export Control Classification Number (ECCN): EAR99

Options:

LM-30-3S-4X1000W-Voltage

Example: LM-30-3S-4X1000W-208

Voltage	
208V	-208
220V	-220V
240V	-240V
277V	-277V
480V	-480V

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **IES (Photometric File)**
- **Operations Manual**
- **Photometric Flood Report**
- **Photometric Indoor Report**
- **Photometric Polar Graph**
- **Photometric Road Report**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**