

LM-30-3S-HALPRM-4X1000W-MH-50HZ-CEE16A

4000W Hazardous Location 30ft Light Tower - Fold Over - 4x 1000W MH - 50 Hz - 16A Pin/Sleeve

Product ID: 149289

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-HALPRM-4X1000W-MH-50HZ-CEE16A Light Mast

Length: 12-30` - Telescoping

Weight: +-375 lbs

Capacity: 150 lbs

Materials: Steel

Finish: Powder Coated - Gloss Blue

Operation: (2) 2,500lbs 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 or 240V 50 Hz

Wiring: 45` 12/3 SOOW w/ Cord Cap

Cord Cap: Zone II Rated 16A Pin/Sleeve

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

Class-1 Division 2- Groups A,B,C,D

UL 1598A Outdoor Marine Use

T1 Temperature Rating

Made in the USA

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

This unit is Made In USA - Manufactured in Texas

The LM-30-3S-HALPRM-4X1000W-MH-50HZ-CEE16A Hazardous Location

Metal Halide Light Tower from Larson Electronics is a 30 foot extendable light tower equipped with four C1D2 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****

The Larson Electronics LM-30-3S-HALPRM-4X1000W-MH-50HZ-CEE16A 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 2,500 lb hand winch with 3/16 inch aircraft cable, and extended to its full height using a second 2,500 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 Class 1 Division 2 rated [HALPRM-1000WMH](#) metal halide fixtures producing a combined total of approximately 440,000 lumens at 4,000 watts. These lamps are weatherproof and suitable for use in outdoor marine applications, making it an ideal lighting solution for industrial applications, boat docks, building exteriors and outdoor work areas. The lamp housing is weatherproof and constructed of die cast aluminum featuring a hinged, removable front-access door with two captive closure screws for easy servicing. The optical assembly includes a precision-formed aluminum reflector and heat/impact-resistant tempered flat door glass. These floodlights produce a wide flood light pattern capable of illuminating approximately 5 acres. The lamp housing is weatherproof and constructed of pressure cast copper free aluminum with an architectural bronze Polyester finish. The lens door is pressure-cast copper-free aluminum, and secured with 1/4" diameter captive stainless steel slotted hex-head bolts. 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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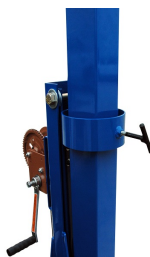
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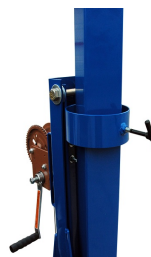
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The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are typically mounted to trailers or other stable surfaces via a 15" by 13" by 1/4" thick mounting base-plate which has been 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 14', 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.

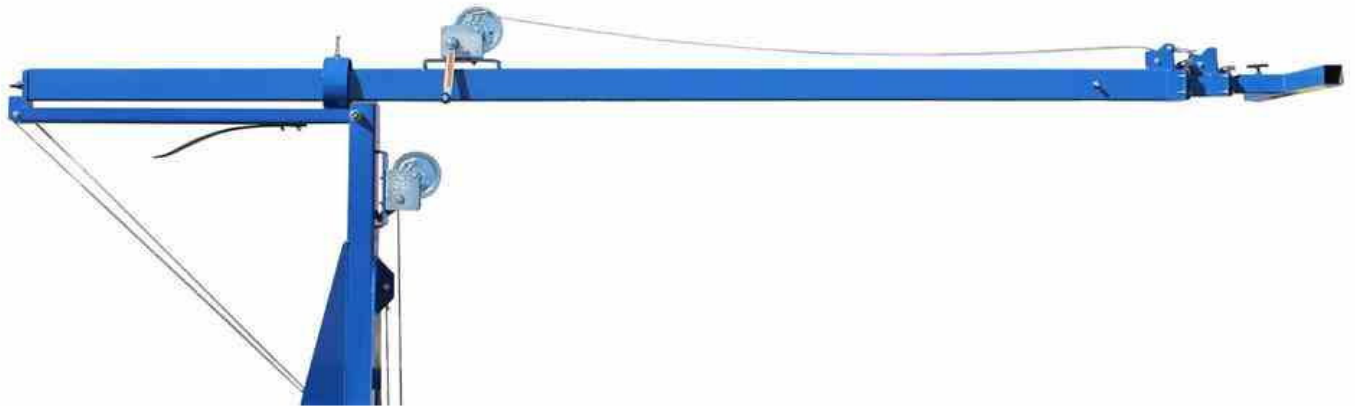
Wiring & Plug: This hazardous location light tower is equipped with 45' of 12/3 chemical and abrasion resistant SOOW cord extending from the mast head that is fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug included with this tower is a 16 amp Zone II rated 200-250V pin/sleeve cord cap for use with 220-240V explosion proof outlets. ****PLEASE NOTE**** voltage ratings on plugs and outlets are MAXIMUM voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.

We 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.



Frequently Asked Questions (FAQ)







LM-30-3S-HALPRM-4X1000W-MH-50HZ-CEE16A

Product ID: 149289

Export Control Classification Number (ECCN): EAR99

Options:

LM-30-3S-HALPRM-4X1000W-MH-50HZ-CEE16A-Voltage

Example: LM-30-3S-HALPRM-4X1000W-MH-50HZ-CEE16A-220V

Voltage	
220V	-220V
240V	-240V

Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [Video1](#)
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- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)