

LM-30-HZ-EW

30 Foot Horizontal Light Mast - 360 Degree Rotation - Electric Winches

Product ID: 68878

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-HZ-EW Horizontal Light Tower

Length: 17 feet - 30 feet

Weight: 380 lbs

Capacity: 150 lbs

Materials: Steel

Operation: (3)-1,000lbs Electric Winches

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

Winch Voltage: 120V or 240V AC 50/60 Hz

Shipping: Common Freight

Shipping Weight: 540 lbs

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

Quick Summary

17/30 Ft Light Mast

Steel Construction

125 mph Wind Resistance

Electric Operation

Counterweight arm

UL 508A

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics LM-30-HZ-EW Horizontal Light Mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to twenty feet.

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

Larson Electronics' horizontal steel light tower mast is designed to allow

operators to quickly and safely deploy lighting and other electrical equipment in locations where this equipment must be elevated to heights up to 30 feet for effective application. This two section light boom can be extended to 30 feet for maximum area coverage and collapsed to 17 feet when not in use and store above Magnum generators set on existing trailer. The tower is constructed of square steel tubing with a lower section 17 feet in length and 4 inches in diameter and an upper section 13 feet in length and 3 inches in diameter. The mast is elevated using an included 1,000 lbs electric winch with 1/4 inch cable, extended to its full height using a second 1,000 lbs winch, and retracted using a third 1,000 lb winch.



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[Click Photo to Enlarge](#)



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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 to allow operators to easily and securely attach their desired fixtures. A weight support arm provides a second point of contact. The trailer is the first point of contact and the pivoting weight arm is the second point of contact. This reduces the amount of counterweight necessary.

The electric winch on this mast is offered in 120V or 240V AC 50/60 HZ. Additional voltage options are available at an additional charge. Larson Electronics can offer single phase and three phase AC winches, or low voltage DC winches.

This light tower weighs approximately 380 lbs, can easily support and lift 150 lbs fixtures and when lowered to 17 feet can withstand winds up to 125 mph. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 15 feet long, 4 feet wide, 3 feet tall and weighs 540 lbs.

Suggested Applications: Lighting 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 [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80X2E](#).

Frequently Asked Questions (FAQ)









LM-30-HZ-EW

Product ID: 68878

Export Control Classification Number (ECCN): EAR99

Options:

LM-30-HZ-EW-Winch Voltage

Example: LM-30-HZ-EW-120V

Winch Voltage	
120V	-120V
240V	-240V

Links (Click on the below items to view):

- [HigResPic1](#)
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- [HigResPic8](#)
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- [Video2](#)
- [Video3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)