Larson Electronics LLC
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LM-16-EPL-2X150RT

Explosion Proof 16 Foot Telescoping Light Mast - Two C1D1/C2D1 150 Watt LED Lights -10' to 16' Tower

Product ID: 71209

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-EPL-2X150RT 300 Watt C2D1 Light Tower

Lamp Type: Cree LED
Length: 10 feet - 16 feet
Weight: 400 lbs

Shipping: Common Freight

Shipping Weight: +-700 lbs

Voltage: 120-277V AC 50/60Hz
Total Watts: 300W
Total Lumens: 35,000

Luminous Efficacy: 116.67 Lm/W

LED Lamp Life Expectancy: 60,000 Hours

Color Temp: 5000K, 4000K, 3000K

Color Rendering Index: >75 CRI

Materials: Steel
Finish: Powder Coated - Gloss Blue

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

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

Mounting: 1/4" thick, 13"x15" Six Bolt Hole Bracket

Cable: 3/16 Aircraft Cable

Wiring: 50 foot SOOW cord w/ 5-15 EXP plug

Quick Summary

Class 1 Division 1 & 2, Groups C & D
Class 2, Division 1 & 2, Groups E,F,G
Class 3

Steel Construction

125 mph Wind Resistance

ETL Listed LED Lights

cETL Certified to UL844 and C22.2 Standards

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The LM-16-EPL-2X150RT LED Light Tower from Larson Electronics is an 16 foot extendable light tower equipped with two high output Class 1 Division 1 & 2 and Class 2 Division 1 & 2 Cree LED light fixtures producing approximately 17,500 lumens each. This tower will illuminate approximately 1.25 acres and includes a rotating base which allows the operators to aim the lights in any direction regardless of tower location.

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

Larson Electronics' LM-16-EPL-2X150RT telescoping 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 16 feet for effective 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.

This is a heavy duty unit designed for use in demanding conditions and for overall longevity in difficult construction environments with heavy duty steel construction for maximum durability. We make this lighting solution in the United States.

Larson Electronics tower lights are designed for industrial, commercial, emergency response, and military applications where the operators are working in harsh, destructive environments and the operators income or mission success are dependent on dependable, durable lighting.

Included with this light tower are two of our Explosion Proof 150 watt LED fixtures producing a combined total of approximately 35,000 lumens at only 300 watts. Each fixture produces 17,500 lumens of high intensity light while drawing only 150 watts @1.25 amps from a 120 volt electrical system. These Explosion Proof LED light fixtures are Class 1, Division 1 & 2, Groups C & D and Class 2, Divisions 1 & 2, Groups E, F & G rated for use within the most demanding hazardous locations. The lights are wired to an explosion proof junction box at the mast head of the tower, and 50 foot of SOOW cable terminated in an explosion proof 5-15 plug is included.



Click Image to Enlarge



Click Image to Enlarge



Click Image to Enlarge



Click Image to Enlarge



Click Image to Enlarge



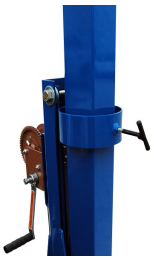
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The LM series of towers are powder coated with glossy blue finish for corrosion resistances and aesthetics. These light masts are typically mounted to trailers or other stable surfaces via a 15 inch by 13 inch, 1/4 inch thick mounting base-plate which 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.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.
The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 12 feet long, 4 feet wide, 3 feet tall and weighs approximately 700 lbs. Larson Electronics can custom tailor these units to the customer's requirements with longer sections and larger mounting plates. For example, the LM-30-3S is another model that reaches to a length of 30 feet. We also offer a choice of either the manual 1,000 lbs hand winches included standard or optional electric winches.
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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LM-16-EPL-2X150RT

Product ID: 71209

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **CE Certificate**
- **Certificate 1, Misc**
- **Certificate 2, Misc**
- **Certificate 3, Misc**
- **MSDS (Material Safety Data Sheet**
- **RoHS Certificate (Restriction of Hazardous Substances)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**