Larson Electronics LLC
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LM-25-3S-EPL-4X150RT-RB

Explosion Proof 25 Foot Telescoping Light Mast - Four Class 1 Div 1 150 Watt LED Lights - 12' to 25'

Product ID: 71624

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-25-3S-EPL-4X150RT-RB 600 Watt C1D1 Light Tower

Lamp Type: Cree LED
Length: Telescoping from 12` to 25`
Weight: +/- 450 lbs lbs

Shipping: Common Freight

Shipping Weight: +-500 lbs
Voltage:120-277V AC 50/60Hz
Total Watts: 600W
Total Lumens: 70,000
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

Anchor Bolts: (6) 9/16" Bolts

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

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

Mounting: 1/4" thick, 13"x15" Base Plate

Cable: 3/16" Aircraft Cable

Wiring: 10` SOOW cord w/ 5-15 EXP plug

Quick Summary

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

Steel Construction

Power Coated Finish

cETL Certified to UL844 and C22.2 Standards
125 mph Wind Resistance
ETL Listed LED Lights
12` to 25` Foot Light Mast

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-25-3S-EPL-4X150RT-RB LED Light Tower from Larson Electronics is an 25` three stage extendable light tower equipped with four 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 2.5 acres and features fold-over operation for easy transportation, a rotating boom that allows for 360° of rotation, and a removable mast head for storing mounted equipment when not in use.

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

Larson Electronics' LM-25-3S-EPL-4X150RT-RB 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 25` for effective light coverage. This light boom can be extended to 25` for maximum area coverage and collapsed to 14` for applications where a footprint smaller than 14` is required. The tower is constructed of square steel tubing with a lower section 10` in length and 4" by 4" by 1/8" thick, a middle section 9.5` in length and 3" by 3" by 1/8" thick, and an upper section 8.5` and 2" by 2" by 1/8" thick. Each section has a 1` overlap. The mast is elevated using an included 1,000 lbs. hand winch with 1/4" 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 four of our Explosion Proof 150 watt LED fixtures producing a combined total of approximately 70,000 lumens at only 600 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, Divisions 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 base of the tower, and 10` of SOOW cable terminated in an explosion proof cord cap. Cord cap options include 5-15 straight blade plug, 5-20 twist-lock plug, or 6-20 twist-lock plug.



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge



Click Photo to Enlarge

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 light fixtures and equipment.

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 450 lbs. 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 1200 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.

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.

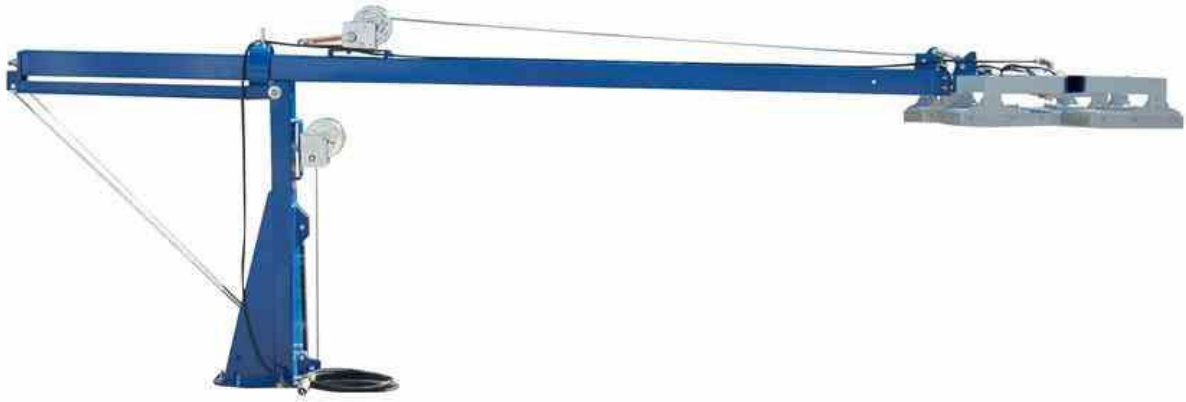
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Frequently Asked Questions (FAQ)

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LM-25-3S-EPL-4X150RT-RB

Product ID: 71624

Export Control Classification Number (ECCN): EAR99

Options:

LM-25-3S-EPL-4X150RT-RB-Cord Cap

Example: LM-25-3S-EPL-4X150RT-RB-1523

Cord Cap	
5-15 STRAIGHT	-1523
5-20 TWIST	-2023-125V
6-20 TWIST	-2023-250V

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