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LM-30-3S-EPLC2-12X150RT-RB

Explosion Proof Light Plant - 30 Foot Telescoping Mast - (12) 150 Watt LED Lights - 12'-30' - C2D1

Product ID: 70955

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-EPLC2-12X150RT-RB 600 Watt C2D1 Light Tower

Lamp Type: Cree LED
Length: 12 feet - 30 feet
Shipping: Common Freight
Shipping Weight: +-2200 lbs
Weight: 650 lbs
Voltage: 120-277V AC 50/60Hz
Total Watts: 1,800W
Total Lumens: 210,000
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
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements
Operation: 2-1,500lbs Hand Winches, Electric Optional
Anchor Bolts: (6) 9/16" Bolts
Mounting: 1/2" thick, 18"x18" Base Plate
Cable: 3/16" Aircraft Cable

Ratings/Approvals

Class 1 Division 2, Groups C and D
Class 2, Division 1 - 2, Groups E,F,G
Class 3
cETL Certified to UL844 and C22.2 Standards
Steel Construction
125 mph Wind Resistance
ETL Listed LED Lights

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

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

E-mail: sales@larsonelectronics.com

Made in the USA

The LM-30-3S-EPLC2-12X150RT-RB LED Light Tower from Larson Electronics is a thirty foot three stage telescoping light tower equipped with twelve high output Class 1 Division 2 and Class 2 Division 1 & 2 Cree LED light fixtures producing approximately 210,000 lumens. This tower will illuminate approximately 7 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-30-3S-EPLC2-12X150RT-RB telescoping steel light tower mast is designed to allow operators to quickly and safely deploy twelve of our 150 watt explosion proof LED light fixtures to heights up to thirty feet for effective light coverage. This light boom can be extended to 30 feet for maximum area coverage and collapsed to 12 feet for applications where a footprint smaller than 12 feet is required. The tower is constructed of square steel tubing with a lower section 10.58` in length and 5" by 5" by 3/16" thick, a middle section 10.73` in length and 4" by 4" by 1/8" thick, and an upper section 11.27` in length and 3" by 3" by 1/8" thick. Each section has a minimum of 1.5` overlap when fully extended. The mast is elevated using an included 1,500 lbs hand winch with 3/16" galvanized cable and extended to its full height using a second 1,500 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 twelve of our Explosion Proof 150 watt LED fixtures producing a combined total of approximately 210,000 lumens at only 1,800 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 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 foot of SOOW cable terminated in an explosion proof 5-15 plug is included.

Click Photo to Enlarge | Click Photo to Enlarge | Click Photo 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 18" by 18" by 1/2" thick mounting base-plate which has been drilled to accept six 9/16" anchor bolts. An 80" wide, 46" tall, 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 twelve LED 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 650 lbs and can easily support and lift the twelve C1D2 LED Light 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 1400 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.

The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 16.5 feet long, 4 feet wide, 6 feet tall and weighs approximately 2,200 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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Product ID: 70955

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**