

PLM-18-4X150W-LED

600 Watt Pneumatic Light Tower - Extends to 18 Feet - Four 150W High Output LED Light Heads

Product ID: 68745

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.

PLM-18-4X150W-LED Pneumatic Light Tower

Mast Specs

Length: 8 feet - 18 Feet

Weight: 300 lbs

Capacity: 150 lbs

Operation: Pneumatic Mast - Electric Air Pump

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

Shipping: Common Freight

Shipping Weight: 380 lbs

LED Light Specs

Lamp Type: CREE XLamp-XPG® LED

Watts: 600 (150W ea)

Lumens: 59,160 (14,790 ea)

Amps: 5 (on 120 volts)

Lighting Configuration: 25° Spot or 60° Flood

Color Temp: 6000K

Quick Summary

8 - 8 Ft Extendable Mast

Pneumatic Operation

Electric Air Pump

Lights

IP68 Waterproof to 3 meters

Active Heat Management

Ambient Op Temp -40C to +80C

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The PLM-18-4X150W-LED Pneumatic Light Tower from Larson Electronics is an 18 foot extendable light tower equipped with four LED light fixtures producing approximately 59,160 lumens. The four 150 watt LED lamps produce a wide spread of intense white light, allowing this unit to effectively cover large work areas with high quality illumination.

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

The PLM-18-4X150W-LED telescoping pneumatic light tower allows operators to quickly and safely deploy 600 watts of intense LED lighting in locations where elevated illumination is needed for maximum area coverage. This three section light boom can be extended to 18 feet for maximum area coverage and collapsed to 8 feet for closer more intense illumination. A locking top mounting plate allows operators to easily remove the lamp assembly for storage or transport. The mast is elevated using an included 250 watt 220 Volt AC 50/60hz, 1/3 horsepower air compressor. An air release valve located at the base of this pneumatic mast allows operators to lower the tower.



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Included with this light tower are four of our wet area suitable [LEDP5W-30-1227](#) fixtures producing approximately 14,790 lumens each at 150 watts per light head. Each lamp features one hundred and twenty CREE XLamp XPG® five watt LEDs producing 493 lumens arranged in rows and paired with high purity optics to produce a well focused 25 degree spot beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional floodlight versions with a 60 degree beam spread to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights. These LED lights are waterproof to 3 meters, sealed against intrusion by dust and dirt, and very ruggedly constructed to withstand the most demanding environments, conditions and applications. 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. All wiring runs through the mast, meaning no loose wires when the tower is collapses. 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 which provides a strong and stable platform for the two LED fixtures.

We can equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high powered LED lights with comparable power. 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, excavation, natural disaster relief, environmental cleanup, and anywhere a mobile light source with large area coverage capability is needed.

Frequently Asked Questions (FAQ)

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Product ID: 68745

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Dimensional Drawing 2D](#)
- [Operations Manual](#)
- [STEP File \(3D CAD Model\)](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)