

## 8 Stage Locking Pneumatic Light Mast - Extends to 50 Feet - 440lb Payload - 10' to 50'

### PLM-LCK-50-10-8S-440LB

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



#### PLM-LCK-50-10-8S-440LB Locking Pneumatic Light Mast

**Length:** 10 feet - 50 feet

**Weight:** 600 lbs

**Capacity:** 440 lbs

**Materials:** Heat Treated 6063T5 Aluminum Alloy

**Operation:** Pneumatic - Electric Air Compressor

**Sections:** (8) sections

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

**Shipping:** Common Freight

**Shipping Weight:** 1200 lbs

**Section Diameters:** Largest - 10.98" Smallest - 4.65"

**Options:** Length- Mounting-Fixtures

#### Quick Summary

10-50 Ft Light Mast

Aluminum Construction

Pneumatic Operation

Locking Design for Indefinite Deployment

#### Special Orders- Requirements

Contact us for special requirements

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**The PLM-LCK-50-10-8S-440LB from Larson Electronics is a Locking Pneumatic Light Mast that provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to fifty feet. The locking design allows these light masts to remain deployed indefinitely without the need for constant air pressure. With a 440 lb payload capacity, the PLM-LCK-50-10-8S-440LB is a reliable and versatile pneumatic mast for lifting a variety of equipment safely and securely.**

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

This Larson Electronics telescoping locking pneumatic 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 50 feet for effective application. This light boom can be extended to 50 feet for maximum area coverage and collapsed to 10 feet for closer more intense illumination.

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The tower is constructed of high strength, heat treated aluminum tubing for strength and durability. This tower is comprised of eight sections, and includes a locking top mounting plate for easy removal of equipment. The mast is elevated using an air compressor (sold separately). An air release valve located at the base

of this pneumatic mast allows operators to lower the tower. These light masts are typically mounted to trailers or other stable surfaces via a 12 inch square, 1/2" 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. This light tower weighs approximately 600 lbs, and can easily support and lift a 440 lb payload. The entire tower assembly is shipped via common freight carrier. Larson Electronics can custom tailor these units to the customer`s requirements with longer sections and larger mounting plates.

**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](#).

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.



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## Frequently Asked Questions (FAQ)







Links (Click on the below items to view):

- [HigResPic1](#)
- [HigResPic2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)