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FSFMP-LM54-6X500W-LED-6X6X4C

3000W 54' Fixed Mount LED Light Tower - Weighted Concrete Base - (6) 500W LED Lights, 388800 lms

Product ID: 342054

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.

FSFMP-LM54-6X500W-LED-6X6X4C LED Light Mast

Mast Specs:

Height: 54`
Weight: -
Materials: Galvanized Steel
Mounting: 6` x 6` x 4` Weighted Base w/ Anchor Pads

Light Specs:

Lamp Qty: (6)
Lamp Type: Cree LED
Light Dimensions: 22.92"-L x 14.51"-W x 5.153"-D
Total Watts: 2,880W (480W per Light)
Total Lumens: 388,800 lms (64,800 lms per Light)
Luminous Efficacy: 135 Lm/W
Lamp Life Expectancy: 80,000+
Color Temp: 4000K
Beam Configurations: 10° Spot, 24° Wide Spot, 38° Narrow Flood, 60° Flood, or 90° Wide Flood
Sensor: -
Waterproof Rating: IP67
Ambient Operating Temperature: -40°C to +85°C
Light Materials: Die Cast Aluminum, PMMA Optics
Mount: Mast

Shipping: Common Freight
Shipping Weight: 9000+ lbs
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary

54` High Mast Fixed Mount Tower
Steel Construction - Weight Base
75 mph Wind Resistance
High Output LED Lamps
388,800 Total Lumen Output
IP67 Waterproof LED Lights
Dustproof LED Lights
PMMA High Transmittance Optics

Special Orders - Special Requirements

Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

Made in the USA

The FSFMP-LM54-6X500W-LED-6X6X4C Free Standing 54` Fixed Mount Light Pole with from Larson Electronics is equipped with six LED light fixtures producing approximately 388,800 lumens combined. The six 500-watt LED lamps produce a wide spread of intense white light, allowing this unit to effectively cover large areas with high quality illumination. This steel light tower features a weighted concrete base with anchor pads to allow operators to secure the base plate during installation.

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

The FSFMP-LM54-6X500W-LED-6X6X4C telescoping steel light tower allows operators to deploy intense lighting in locations where high mast illumination is needed for maximum area coverage. The tower is constructed of 3ga galvanized steel with a 6` x 6` x 4` x 3/16" thick pyramid anchor plate that is filled will concrete to be self standing. Additionally, the base plate features anchor pads to allow operators to secure the tower in high wind applications or permanent applications. This tower can withstand gusts of up to 75 MPH.

Light Head Information: The FSFMP-LM54-6X500W-LED-6X6X4C from Larson Electronics is equipped with six GAU-LTL-500W-LED LED Flood Lights. The GAU-LTL-500W-LED LED Flood Light offers intense light output and is ideal for flood lighting, high mast lighting, light towers, as well as industrial and outdoor lighting applications. Producing 64,800 lumens per light, this unit provides operators with a rugged and powerful LED alternative to 1500 watt metal halide lamps that uses little power and can withstand rugged use and abusive conditions.

Forty-eight Cree high output LEDs producing 1350 lumens each are arranged in rows and paired with PMMA high purity optics to produce a well focused 24° wide spot beam that is ideal for providing far reaching concentrated illumination while still covering a substantial amount of area. We also offer optional optics with 10° spot, 38° narrow flood, 60° flood, and 90° wide flood beam spreads. The spot beams are tightly focused and are designed for high elevation mounting to achieve distance, making spot versions ideal for high mast and spots lighting. The flood beams are designed to provide more light over a larger area nearer the fixture, making flood versions ideal for use as dedicated work and area lights.

Light Head Heat Management: Heat is the single largest factor in premature LED failure and color shifting. These LED units feature individual heat sinks per bank of six LEDs to control heat buildup rather than utilizing a single housing to dissipate heat. This allows for more thorough cooling of the LEDs for extended operating periods. This allows the LEDs to be driven at up to 90% capacity without overheating or visible loss of light output. The end result is more light with less heat and longer LED life with an average 70% lumen maintenance after 80,000 hours.

Light Head Durability: As well as unparalleled heat control, the GAU-LTL-500W-LED series of LED lights from Larson Electronics also offer IP67 rated construction that is designed to withstand extremes of environmental and operating conditions. These units can withstand rapid temperature changes of -40° Celsius to +80° Celsius, are waterproof, and resist ingress of dust, dirt and humidity. The housings are formed from die cast aluminum and the optics are high transmission PMMA with 98% light transmittance. The Cree LEDs help these units achieve resistance to vibrations and are rated at 70% lumen maintenance after 80,000 hours of use. We recommend these LED lights for use in applications where a lot of vibration, dust, dirt, dampness and abusive working conditions are encountered.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant

illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

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 and excavation and anywhere a mobile light source with large area coverage capability is needed.

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 for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Product ID: 342054

Export Control Classification Number (ECCN): EAR99

Options:

FSFMP-LM54-6X500W-LED-6X6X4C-Beam Angle
Example: FSFMP-LM54-6X500W-LED-6X6X4C-10SP

Beam Angle	
10° SPOT	-10SP
24° WIDE SPOT	-24WS
38° NARROW FLOOD	-38NF
60° FLOOD	-60F
90° WIDE FLOOD	-90WF

Links (Click on the below items to view):

- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)