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LM-12-3S-3XWP60E-2XLER-MW

12' Flood Light Tower - (3) 60W LED Fixtures & (2) 50W Remote Control Lights - Manual Winch

Product ID: 144348

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-12-3S-3XWP60E-2XLER-MW Three Stage Light Tower
Lamp Type: LED
Lamp Qty: (3) 60W LED Fixture & (2) 50W Remote Control Fixtures
Total Watts: 280W
Total Lumens: 16,200 lms - for (3) 60W LED Fixtures
Total Candela: 920,000 - for (2) 50W LED Lights
Mast Length: 6.5` to 12`
Materials: Steel
Finish: Powder Coated - Gloss Blue
Operation: (1) 1000 lbs Manual Winch
Cable: 3/16" Galvanized Aircraft Cable
Mounting: 1/4" Thick, 13"x15" Six Bolt Hole Bracket
Power: 15` SOOW Line-In Cable - 120V or 240V operation
Weight: ~200 lbs
Shipping: Common Freight
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary
6.5` to 12` Foot Light Mast
Steel Construction
Powder Coated Finish
Manual Operation
90 Lumens Per Watt LED Efficiency
50,000 Hour LED Lamp Life
Remote Control LED Lamps

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Made in the USA

The Larson Electronics LM-12-3S-3XWP60E-2XLER-MW three stage light mast provides a safe and effective way for operators to quickly deploy the equipped flood lights to an elevation of twelve feet. This light tower features three 60 watt LED flood lights, two remote control LED lights, and manual winch for raising and lowering the light mast.

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

This telescoping three stage steel light mast from Larson Electronics is designed to allow operators to quickly and safely deploy lighting in locations where this equipment must be elevated to heights up to 12` for effective coverage. This light boom can be extended to 12` for maximum area coverage and collapsed to 6.5` for applications where a smaller footprint is required. The tower is constructed of square steel tubing with a lower section 5.3` in length and 4" by 4" by 1/8" thick, middle section 5.4` in length and 3" by 3" by 1/8" thick, and an upper section 5.9` and 2" by 2" by 1/8" thick. Each section has a 2` minimum overlap. The mast is elevated by pressing down on the end of base stage, elevating the mast into the upright position. The mast is extended to its full height using an included 1,000 lbs hand winch with 3/16" galvanized cable.
Included with this light tower is three of our wet area suitable LEDWP-600E LED high output 60 watt LED flood light fixtures producing a combined total of approximately 16,200 lumens at 180 watts. The LEDWP-600E consists of forty-five LEDs housed within a waterproof aluminum housing that is powder coated for added durability and resistance to corrosion. The housing incorporates integral cooling fins for efficient heat dissipation and increased LED longevity. The LED lamp assembly is protected by a shatterproof polycarbonate lens which is secured to the housing with a waterproof seal. A 1/2" waterproof connector provides a secure and sealed power connection point and rounds out this unit`s weather resistant construction. Each floodlight is securely fastened to the light boom and stainless steel coated bracket and stainless steel hardware to provide secure mounting and resistance to rust and corrosion. The mounting assembly provides for 360/180 degrees of rotation and tilt to allow the user to position the unit as desired.



Dark warehouse, illuminated by 100W incandescent bulb.

Click Images to Enlarge

Same warehouse being illuminated by a single LEDWP-600E.

Click Images to Enlarge



This image shows a dark road with no illumination but the moonlight and a distant street light.

This image shows the same road, illuminated by a single remote control floodlight.

This light tower also features two 50 watt remote control spotlights. Each spotlight has total of ten, 5-watt LEDs that provide an 8° spot light beam reaching distances up to 4,501 feet. The LED search light generates 460,000 candela of output. During use, this unit rotates at a rate of 19° per second in fast mode and 12° per second in slow mode, as well as elevates at a rate of 11° per second. The LED module carries an IP68 rating and the housing is IP56 rated. Equipped with an acrylonitrile styrene acrylate (ASA) housing, the lens is made out of hardened polycarbonate.
Remote Operation: This system includes a wireless remote control.

Click Photo to Enlarge

The above image shows the three LEDWP-600E 60 watt LED light fixtures mounted at 12`. The side fixtures are angled 45° outwards from the center point, and all three fixtures are angled downwards 15°. The The area being illuminated is 300` in length and 250` in width, zoomed in to show the 75`-L by 80`-W area that is being illuminated by the light tower, with a minimum of 2.5 lux across the work area. This high output LED light fixture provides an even beam spread over the targeted work area without overcast, glare, light spillage, and wasted illumination. Color rendering is also increased with LED lighting, providing a more realistic night vision that more closely resembles natural daylight illumination.

The LM series of towers are powder coated with glossy blue finish for corrosion resistance 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 6.5`, 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 150 lbs and can easily support and lift 125 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 8` long, 4` wide, 5` tall and weighs approximately 375 lbs. Larson Electronics can custom tailor these units to the customer`s requirements with longer sections and larger mounting plates.

Suggested Applications: Temporary lighting, construction sites, 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 LED10WSA-160, 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 for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)



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Product ID: 144348

Export Control Classification Number (ECCN): EAR99

Options:

LM-12-3S-3XWP60E-2XLER-MW-RC Lamp Color-Voltage

Example: LM-12-3S-3XWP60E-2XLER-MW-BLK-120V

RC Lamp Color	
BLACK	-BLK
WHITE	-WHT

Voltage	
120V	-120V
240V	-240V

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**