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WAL-ML-20FT-4X500LTL-LED-3G

1920 Watt 20FT Non-Towable Mini LED Light Tower w/ Gas Generator - 480 Watt Lamps - 240,000 Lumens

Product ID: 105914

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.

WAL-ML-20FT-4X500LTL-LED-3G 3000VA Mini Light Tower
Lamp Type: LED
Total Lumens: 240,000
Total Watts: 1,920 watts (480 per lamp)
Luminous Efficacy: 120 Lm/W
Lamp Life: 80,000+ Hours
Mounting: Adjustable 12 to 20 Foot Wheeled Tower
Ballast: Dual Base Mounted Ballast Boxes
Voltage: 120-277/VAC
Power: 3000VA Generator with 120 VAC Accessory Outlets
Lighting Configuration: Wide Flood Pattern
Materials: Powder Coated Steel Tower Assembly
Noise Level: 68db

Quick Summary
High Output LED Lamps
4- 480 Watt LED Lamps
240,000 Lumens
Powder Coated Steel Construction
Stand Alone Generator Operation
Wheeled Base

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

The WAL-ML-20FT-4X500LTL-LED-3G Mini Light Tower with 3000VA Generator from Larson Electronics is an ideal solution for operators who need a fully portable yet easy to operate light system capable of illuminating large areas. Adjustable from 12 to 20 feet in height and

equipped with a 3000VA generator and four 480 watt LED lamps, this unit will provide over 240,000 lumens of illumination for up to 6.5 hours on a single tank of fuel.

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

The WAL-ML-20FT-4X500LTL-LED-3G Mini light tower is a portable lighting system designed for stand alone operation and high mobility while providing enough output to illuminate approximately 3 acres of area effectively. Equipped with a heavy duty adjustable height tower, 3000 KVA generator, and four 480 watt high output LED lamps, this mini tower provides operators with an easily deployed lighting system that can provide large scale illumination for up to 6.5 hours on a single tank of gas.

This portable LED lighting system is comprised of four adjustable LED light heads mounted atop a telescoping mini light tower mounted to a wheeled cart base. This adjustable and collapsible tower can be extended to twelve feet, collapsed to seven feet, and includes four wheels allow the operator simply roll the entire assembly to a new location when fully deployed. The LED light fixture assembly can be removed by releasing the hand knob and sliding the light and mounting bracket off of the center support, aiding in deployment, storage and transport. The lamp can be easily adjusted vertically and locked into position.

Forty-eight Cree® high output LEDs producing 1250 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. This light is designed for heavy duty use in demanding conditions including emergency services, mining, construction, marine, and industrial operations where durability and reliability is critical.



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Click Photo to Enlarge





The WAL-ML-20FT-4X500LTL-LED-3G mini light tower features an extendable tower assembly that can be adjusted from 12 to 20 feet in height for maximum coverage. A single hand crank allows operators to easily raise or lower the tower as needed, and a removable lamp mounting platform allows removal of the lamp assembly for easier transport and storage. The tower is constructed of heavy gauge steel for durability, and a tough powder coat finish provides protection against rust and corrosion. The base of the tower is fitted with two solid wheels to allow easy positioning; the operator can simply tilt the unit back and roll it into the desired location as needed.

Lights: The lighting system on this unit is comprised of a single GAU-HB-500W-LED 480 watt LED lamps producing 60,000 lumens of light attached to the top of the mini light tower. The GAU-HB-500W-LED-SS LED lights are ideal replacements

for fragile and hot running 1000 watt metal halide lamps, offering increased durability, longer lamp life, and lower power consumption. The fixtures are IP67 rated waterproof. The LED assembly is comprised of multiple LED "strips" within the housing. This design allows for in-the-field serviceability without the need for special tools or equipment.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. 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 applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.

A single 3000 VA generator is mounted to the base of this tower to provide standalone power for the metal halide lamps and allows for quiet operation and 10 or more hours of run time on a single tank of fuel. This generator also includes standard 120 and 240 volt outlets for accessory attachments, allowing operators to run tools and other equipment while also operating the lights. Larson Electronics is a manufacturer and as such offers a variety of custom options including different lamp wattages and types.

Please contact sales@larsonelectronics.com or call 1-800-369-6671 for custom options.

Made in the USA Quality

1. High Efficiency LED Lamps.
2. 4X 480 Watt Lamps Producing 240,000 Lumens.
3. Powder Coated Steel Frame.
4. High Transparency PMMA Lenses.
5. Vertical Adjustable.
6. Heavy Wheeled Base.
7. 3000VA Generator.
8. Adjustable Lamp Brackets.
9. 6.5Hour Operation.

Superior LED Benefits

1. 80,000+ hour lifespan.
2. Can SAVE 50% or more on energy.
3. 100% recyclable.
4. No toxins-lead, mercury.
5. No UV light, infrared radiation or CO2 emissions.
6. Bright, even light maintains consistent color over time.
7. Instant on/off – No flickering, delays or buzzing.
8. Very good color rendering.
9. Vibration/impact resistant.
10. Significantly cooler operation.
11. Less frequent outages, higher output improves workplace safety.

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Frequently Asked Questions (FAQ)



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Product ID: 105914

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map