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WCDE-LM23-6KW-4XLTL-LED-52G-T4F

23' Portable LED Light Tower - (4) LED Lamps - 6 kW Diesel Engine Generator, T4F

Product ID: 327708

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.

WCDE-LM23-6KW-4XLTL-LED-52G-T4F Portable LED Light Tower

Mast Specs
Tower Length: 8' to 23' Mast
Stages: -
Mast Head Length: -
Materials: Steel
Finish: Powder Coated Blue or Black
Operation: Manual Winch
Mast Cable: -

Quick Summary
8' to 23' Light Tower
Telescoping Mast
359° Rotating Tower
6 kW Diesel Generator
(4) 240W LED Lamps
Waterproof LED Lights
Tier 4 Final

Diesel Generator Specs
Engine: Kubota D1005, Tier 4 Final
Output: 6 kW
Fuel Type: Diesel
Fuel Tank Capacity: 52.4 Gallons
Fuel Type: #2 Ultra-Low Sulfur Diesel
Voltage: 120/240V 1-phase
Receptacles: (1) 30A L6-30R [240V], (1) Duplex GFCI 5-20R [120V]
Displacement: 1L
Cooling: Water/Glycol
DC System Voltage: 12V DC/520 CCA

LED Lamp Specs
Lamp Type: LED
Lamp Qty: (4) GAU-LTL-250W-LED
Dimensions: -
Weight: -
Total Watts: 960W (240W per Lamp)
Total Lumens: 129600 lms (32400 lms per Lamp)
Luminous Efficiency: 135 lm/w
LED Color Temperature: 5000K
LED Life Expectancy: 80,000 Hours
Mounting: Tower
Materials: -

Trailer Specs
Materials: Steel Frame
Transport Dimensions: 109" x 55"W x 100.8"
Coupler: -
Stabilizers: Three-point Design
Outriggers: (2) Retractable Side Outriggers @ Back
Axle: (1) 2,200-lb Leaf Spring
Wheels: (2) 13"
Tires: ST 175 80D 13

Weight: 1,650 Lbs
Dimensions: 118" L × 57" W × 101" H
Shipping Dimensions: -
Shipping Weight: -
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements
Cross: Wanco Compact Light Towers - (4) 350W LED

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The WCDE-LM23-6KW-4XLTL-LED-52G-T4F from Larson Electronics is a Mobile LED Light Tower that offers durable construction and efficient operation in a self-contained portable unit. This light tower features four LED lights secured to a telescoping tower, which extends between 8' to 23'. Powered by a 6kW Tier 4 Final diesel generator, the portable system is towable using a trailer with a 3-point stabilizing system.

The WCDE-LM23-6KW-4XLTL-LED-52G-T4F light tower features four LED lamps that produce high intensity light in remote or temporary locations. Suitable for outdoor use, the telescoping light mast extends between 8 feet and 23 feet for elevated illumination. The 6 kW diesel generator provides power to the LED lights during operation. All system components are secured to an enclosed trailer.

Light Tower: The telescoping tower on this unit reaches 23` when fully extended and collapses to 8' for storage and transport. The mast is raised and lowered vertically using one manual winch.

LED Lights: This system features four GAU-LTL-250W-LED lights for illumination. Each LED light produces high intensity light during use. The flood beams are designed to provide light over a large area near the fixture, making flood versions ideal for use as dedicated work and area lights.

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.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Generator: A 6 kW generator with a liquid cooled engine provides stand alone power to this light tower. This Tier 4 Final diesel generator has a 52.4-gallon fuel tank. Operators may access one 30-amp L6-30R 240V and one duplex GFCI 5-20R 120V receptacles.

Trailer Assembly: The two-wheel trailer is protected by a metal enclosure. The 3-point stabilizing system consists of two retractable outriggers at the back.

Applications: Construction, temporary lighting, road side illumination, plant turn arounds and more.

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