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WCDE-4-MLK-4G

25' Hydraulic Light Tower with Weatherproof Enclosure - 4X1250 Watt Metal Halide Lamps

Product ID: 146736

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.

WCDE-4-MLK-4G Metal Halide Floodlight Tower w/ Hydraulic Mast

Lamp Type: Metal Halide
Light Dimensions: 19"L x 12"OD, 18" Reflector OD
Tower Dimensions: 25.5` Raised / 4.5` Lowered
Weight: 800 lbs
Total Watts: 5,000W
Total Lumens: 450,000
Luminous Efficacy: 90 Lm/W
Lamp Life Expectancy: 15,000+
Color Temp: 4100K
Beam Angle: 24° Spot Beam Individual Lights / Floodlight Unit
Ambient Operating Temperature: -40°°C to +85°C
Light Materials: Die Cast Aluminum, PMMA Optics
Tower Material: Galvanized Steel
Warranty: YES - 3 Years*

Quick Summary

Superior Metal Halide Power
IP66 Waterproof
Dustproof
18" Aluminum Reflectors
359° Rotating Tower
Hydraulic Mast

Special Orders - Special Requirements

Contact us for special requirements
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Made in the USA

The WCDE-4-MLK-4G from Larson Electronics is a metal halide floodlight tower with hydraulic mast that offers tough and durable construction, reliable and efficient performance, and high light output in an easy to operate, self-contained portable unit. This floodlight tower features 4 powerful metal halide lights and PMMA high purity optics to deliver

450,000 lumens of concentrated light. The included weatherproof enclosure allows operators to use their own genset for powering the lights or to simply use as job site or work area storage. A hydraulic mast makes for easy deployment by operators. Rugged IP67 rated construction designed to withstand the rigors of harsh outdoor conditions and grueling heavy duty use make this light tower an ideal choice for industrial applications, construction sites, marine use, mining, and emergency services.

Light Features: The WCDE-4-MLK-4G light tower features four 1,250 watt metal halide lamps that produce 112,500 lumens each, for a total of 450,000 lumens of high intensity light while drawing only 5,000 watts of energy. Each light fixture has the individual power to brightly illuminate large areas and when combined, this metal halide floodlight tower provides ample lighting for a wide variety of needs.

WCDE-4-MLK-4G Illuminating Pit
Click to Enlarge

These metal halide lamps are paired with high quality reflectors enabling each light head to produce a far reaching yet intense and well focused beam without overcast, glare, or light spillage. Designed especially for high mast mounting, these concentrated spot beams have an even spread with substantial coverage over the work area and provide a night vision that closely resembles natural daylight illumination.

These metal halide lamps have very good color temperature and color rendering which allows them to produce clean, bright white light. The High Intensity Discharge (HID) metal halide lights are highly efficient and offer around 15,000 hours of bulb life expectancy. These metal halide lamps also offer IP66 rated construction that is designed to withstand extremes of environmental and operating conditions. Protected within corrosion resistant die cast aluminum housings, these lights can withstand rapid temperature changes of -40° Celsius to +80° Celsius, are waterproof, and are dust tight.

Click Photo to Enlarge | Click Photo to Enlarge | Click Photo to Enlarge

Tower & Trailer: The telescoping hydraulic tower on this unit reaches 25.5` when fully extended and folds to a compact 4.5` for storage and transport. Hydraulic operation allows operators to easily raise, lower, or rotate the mast through a full 359° of movement as needed. A stepping pad allows operators to make adjustments from the ground with ease. The light heads are trunnion mounted to the mast crosspieces using U brackets and can be individually adjusted while the tower is in the retracted position.

Skid pockets allow the unit to be moved with a forklift

The trailer features a formed and welded steel frame, 13" tires and wheels, a 5-point stabilization system, and a foldable tongue with a reversible ball coupling/pintle hitch. The 5-point base consists of four 4` sliding outriggers each with a drop leg jack (two at the rear and one on each flank) and a 1,000lb stabilizing jack connected to the tongue. Both the main stabilizing jack and the outrigger jacks can be manually adjusted to the desired position using hand cranks. This 5-point design allows the unit to be operational in winds up to 55 mph. The reversible hitch consists of of a standard 2" ball coupling on one end and a 3" pintle towing hitch on the other end. To switch ends, the operator simply unbolts the hitch attachment, flips it to the desired end, and reinserts the bolt. This trailer also features forklift pockets for easy lifting and loading/unloading of the unit.
With compact stowing dimensions of 6.76` x 4.6` x 4.5`, a 48` truck trailer can hold 18 of these light towers, and a 53` trailer can carry 20 units.
Applications: Construction, temporary lighting, road side illumination, plant turn arounds.
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.

Made in the USA Quality

1. High Efficiency Metal Halide lamp.
2. 90 Lumens per Watt
3. Rugged Die Cast Aluminum Lamp Housing
4. 18" Aluminum Reflectors and Polycarbonate Lenses.
5. Heavy Duty Gasket
6. Adjustable and Portable Steel Tower Construction.
7. Low Maintenance.
8. Corrosion Resistant Marine Approved.
9. UL Listed for Marine Environments.

Metal Halide Benefits

1. Long lamp life.
2. High efficiency and low amp draw after initial startup.
3. High durability and reliability
4. High output and very good color rendering
5. Vibration and shock resistant
6. Low maintenance

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Frequently Asked Questions (FAQ)

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WCDE-4-MLK-4G

Product ID: 146736

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
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- HigResPic7
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map