

# Maxi-Lite® II

## V Series® 4-Light

**542,000 TOTAL LUMENS**  
WITH METAL HALIDE FIXTURES

**277 HOUR RUN TIME** WITH LED'S

**26 FT. 8 IN.** HYDRAULICALLY  
ACTUATED TOWER



SINCE 1938

Reliability, Performance and Integrity.

# Maxi-Lite® II

## V Series® 4-Light

Whatever your jobsite needs, the Maxi-Lite® II V Series® can deliver, with multiple engine options and 542,000 total lumens of lighting. It features 100 gallons of fuel capacity to provide up to 277 hours of non-stop operation (with LED's). The gull-wing style doors offer easy access to engine and generator, and rear control/outlet panel and remote oil and engine coolant drains make for easy operation and servicing. Built with a rugged trailer frame with full Fluid Containment System (FCS), hydraulically actuated tower and ability to withstand 65 MPH steady winds, this light tower will deliver the goods to get the job done right.



## KEY FEATURES

- SLS Sequenced Light System
- (2) 50 Gallon Polyethylene Fuel Tanks
- Full Fluid Containment System
- Five-Point Stabilizer System
- Below-the-Frame Forklift Pockets
- Lifting Ring
- Removable Drawbar
- Gull-Wing Style Doors
- External Oil and Engine Coolant Drain

Model	MLV4-KD1105	MLV4-C1.1C	MLV4-C1.5T	MLV4-I4LE1 (Canada Only)
Engine Brand / Model	Kubota / D1105	Caterpillar / C1.1	Caterpillar / C1.5 Turbo	Isuzu / 4LE1
EPA Emissions Certified	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Interim (Canada only)
Engine Prime Output **(HP)	13.5	13.3	22.3	32.1
Engine Prime Power **(kW)	8	8	15	20
Engine Electrical System	12 V			
Battery	Standard - 550 CCA @ 0°F / Optional - 775 CCA @ 0°F <b>only</b> with Arctic Packages			
Engine Starting System	Glow plug cold starting			
Fuel Capacity	100 gallons (378.5 L)			
Operating Time**** <small>(Using four 1,250 W metal halide light fixtures)</small>	158.7 hours	166.7 hours	128.2 hours	120.5 hours
Operating Time**** <small>(Using four 320 W LED light fixtures)</small>	277.8 hours	263.2 hours	217.4 hours	172.4 hours
Light Type - Metal Halide	(4) Metal Halide SHO-HD® fixture			
Metal Halide Wattage	1,250			
Metal Halide Lumens	135,500 (per lamp) / 542,000 (total lumens)			
Light Type - LED	(4) Two LED, 5000°K color temperature			
LED Wattage	320			
LED Lumens	38,500 (per lamp) / 154,000 (total lumens)			
Lighting Features	Sequenced Lighting System (SLS). System automatically turns on lights after engine start and delays engine shutdown to turn off lights first to prevent generator from shutting down while under load.			
Generator (Alternator)	Standard - 120 / 240 VAC capacitor regulated		Standard - 120 / 240 VAC automatic voltage regulator	
Frequency (Hz) / Phase	60 Hz / 1-phase			
Outlets	Standard - (2) 20 A 120 VAC duplex GFCI outlets, (2) 30 A 240 VAC 4-Wire Twist Lock (NEMA L14-30R), (1) 30 A 120 VAC RV (NEMA TT-30R)		Standard - (2) 20 A 120 VAC duplex GFCI outlets, (3) 30 A 240 VAC 4-Wire Twist Lock (NEMA L14-30R), (1) 50 A 240 VAC RV (NEMA L14-50R)	
Tower Maximum Height*	320.0 in (8,128 mm) or 26' - 8" (8.1 m)*			
Tower Features	Structure - Six section tubular steel design / Actuation - Hydraulic cylinder / Guide pads - Polyethylene self lubricating			
Power Cable	Power cable encased in Nycoil™ flexible tubing			
Fixture Positioning	Light bar with fixtures can be rotated 359° and fixtures can be adjusted with tower in lowered position.			
Trailer & Towing Connection				
Towing Connection	Adjustable height combination 2 5/16 in (50.8 mm) ball coupler / 3 in (76.2 mm) lunette ring for pintle hitch / Standard - 2 5/16 in (50.8 mm) ball coupler			
Trailer	Frame - Formed, welded steel frame / Axle - Tubular axle with elliptical leaf springs Tires - ST205/75R15 radial load range 'C' Doors - Stamped steel gull-wing style with lockable latch / Standard features - Fluid Containment System (FCS) holding up to 110% of all on-board fluids / Remote engine oil and coolant drain easily accessible at rear of trailer / Forklift pockets below-the-frame Lift ring / Tie down rings / Removable tongue			
Trailer Lighting	Stop, turn, tail lights / Side marker lights / Illuminated license plate bracket / Standard - 4-way flat connector			
Stabilizers	Five-point design - Tongue jack, two retractable side outriggers at front of trailer, two retractable side outriggers at rear of trailer			
Operating Wind Speed	65 MPH (104.6 km/h)			
Weights & Dimensions				
Shipping Weight	3,430 lbs (1,555.8 kg)			
Gross Vehicle Weight Rating (GVWR)	4,300 lbs (1,950.4 kg)			
Length - Transport/Outriggers	Transport position - 126.9 in (3,223 mm) / Outriggers deployed - 167.3 in (4,249 mm)			
Width - Transport/Outriggers	Transport position - 76.6 in (1,946 mm) / Outriggers deployed - 151.0 in (3,854 mm)			
Height - Mast Lowered/Raised	Mast lowered transport position - 104.9 in (2,664 mm) / Tower raised - 320.0 in (8,128 mm) or 26' - 8" (8.1 m)*			
Shipping	7 units on a 48' or 53' flatbed			

\*Balloon light only included in raised dimension - balloon light is removed for transportation. \*\*Prime horsepower rating provided by engine manufacturer. \*\*\*Prime generator electrical output per Allmand® testing. \*\*\*\*Based on one hour run test full fuel tank consumption. Allmand® has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice. See operator's manual or www.allmand.com website for complete warranty details.

## OPTIONS



### Arctic Package

- Heavy-duty battery
- Block heater (120 VAC)
- Interior work light
- Arctic hydraulic fluid



### Arctic Max Package (only available with Arctic Package)

- Heated fuel/water separator
- Radiator cover
- Low fuel beacon
- Adjustable air vent cover panels
- Diesel fired block heater
- Dual heavy-duty batteries
- LSC with E-Stop Package



### LED Package

- (4) LED light fixtures



### LSC™ with E-Stop Package

- LSC - Light Sequence Commander™ automatically starts engine at sunset and shuts down engine at sunrise - programmable
- Emergency stop switch on exterior of machine



### AirStar Package

Balloon Light features the AirStar Flex diffused lighting system using Allmand® exclusive bulbs. This system provides reduced glare while still illuminating a large area.

- Telematics Package
- Engine Air Intake Shut-Off Valve
- 2 5/16 in (50.8 mm) Bulldog® Coupler
- Custom Paint
- Skid Mount Available on Standard SKUs

## WHY ALLMAND®

When it comes to managing a jobsite, you want equipment that will not fail you when you need it most. You're looking for trust and reliability. Allmand® brings that to your jobsite, with over 75 years of respected experience. Our focus on Service and Support allows users to get the parts, technical service and support they need. Product innovation has helped us develop state-of-the-art towable jobsite equipment, bringing portable light towers, mobile industrial heaters, flashing arrow boards, portable light stands, portable air compressors and mobile generators for the construction, mining, oil & gas, and rental markets.



Holdrege, Nebraska 68949  
P: (800) 562-1373 • F: (308) 995-5887  
[www.allmand.com](http://www.allmand.com)

SINCE 1938