

# 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

Engine Brand / Model

EPA Emissions Certified

Engine Prime Output \*\*(HP)

Engine Prime Power \*\*\*(kW)

Engine Electrical System

Battery

Engine Starting System

Fuel Capacity

Operating Time\*\*\*\*  
(Using four 1,250 W metal halide light fixtures)

Operating Time\*\*\*\*  
(Using four 320 W LED light fixtures)

### Light Type - Metal Halide

Metal Halide Wattage

Metal Halide Lumens

### Light Type - LED

LED Wattage

LED Lumens

Lighting Features

Generator (Alternator)

Frequency (Hz) / Phase

Outlets

Tower Maximum Height\*

Tower Features

Power Cable

Fixture Positioning

### Trailer & Towing Connection

Towing Connection

Trailer

Trailer Lighting

Stabilizers

Operating Wind Speed

### Weights & Dimensions

Shipping Weight

Gross Vehicle Weight Rating (GVWR)

Length - Transport/Outriggers

Width - Transport/Outriggers

Height - Mast Lowered/Raised

Shipping

MLV4-KD1105	MLV4-C1.1C	MLV4-C1.5T	MLV4-I4LE1 (Canada Only)
Kubota / D1105	Caterpillar / C1.1	Caterpillar / C1.5 Turbo	Isuzu / 4LE1
Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Interim (Canada only)
13.5	13.3	22.3	32.1
8	8	15	20

12 V

**Standard** - 550 CCA @ 0°F / **Optional** - 775 CCA @ 0°F **only** with Arctic Packages

Glow plug cold starting

100 gal (378.5 L)

158.7 hours	166.7 hours	128.2 hours	120.5 hours
277.8 hours	263.2 hours	217.4 hours	172.4 hours

(4) Metal Halide SHO-HD® fixture

1,250

135,500 (per lamp) / 542,000 (total lumens)

(4) Two LED, 5000°K color temperature

320

38,500 (per lamp) / 154,000 (total lumens)

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.

**Standard** - 120 / 240 VAC capacitor regulated

**Standard** - 120 / 240 VAC automatic voltage regulation

60 Hz / 1-phase

**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)

320.0 in (8,128 mm) or 26' - 8" (8.1 m)\*

**Structure** - Six section tubular steel design / **Actuation** - Hydraulic cylinder / **Guide pads** - Polyethylene self lubricating

Power cable encased in Nycoil™ flexible tubing

Light bar with fixtures can be rotated 359° and fixtures can be adjusted with tower in lowered position.

**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

**Frame** - Formed, welded steel frame / **Axle** - Tubular axle with elliptical leaf springs **Tires** - ST205/75R 15 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

Stop, turn, tail lights / Side marker lights / Illuminated license plate bracket / **Standard** - 4-way flat connector

**Five-point design** - Tongue jack, two retractable side outriggers at front of trailer, two retractable side outriggers at rear of trailer

65 MPH (104.6 km/h)

3,430 lbs (1,555.8 kg)

4,300 lbs (1,950.4 kg)

**Transport position** - 126.9 in (3,223 mm) / **Outriggers deployed** - 167.3 in (4,249 mm)

**Transport position** - 76.6 in (1,946 mm) / **Outriggers deployed** - 151.0 in (3,854 mm)

**Mast lowered transport position** - 104.9 in (2,664 mm) / **Tower raised** - 320.0 in (8,128 mm) or 26' - 8" (8.1 m)

7 units on a 48' or 53' flatbed

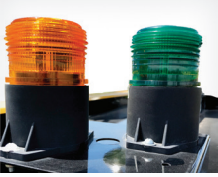
\*Balloon light only included in raised dimension - balloon light is removed for transportation. \*\*Prime horsepower rating provided by engine manufacturer. \*\*\*Prime generator electrical output per Allmand testing. \*\*\*\*See operator's manual or www.allmand.com website for complete warranty details. \*\*\*\*\*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.

# OPTIONS



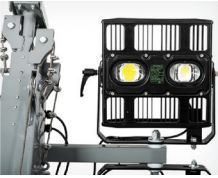
## Arctic Package

- 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 Sensing 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's 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.



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