

Maxi-Lite® II

V-Series® 4-Light

542,000 TOTAL LUMENS
WITH METAL HALIDE FIXTURES

154,000 TOTAL LUMENS
WITH LED FIXTURES

UP TO 167 HOUR RUN TIME
WITH 4 METAL HALIDE

UP TO 277 HOUR RUN TIME
WITH 4 LED'S

26 FT 8 IN HYDRAULICALLY
ACTUATED TOWER



SINCE 1938

Reliability, Performance and Integrity.

Maxi-Lite® II

V-Series® 4-Light

Whatever your job site 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 the on board power system 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 Fluid Containment, 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
- Forklift Pockets
- Lifting Ring
- Removable Drawbar
- Gull-Wing Style Metal Doors
- External Oil and Engine Coolant Drain
- GPS Ready (Customer Supplied)
- Hydraulic Winch
- Hydraulically Actuated Light Tower
- 359° Fixture Rotation
- 55 mph Operating Wind Speed Rating

Model	MLV4-KD1105	MLV4-C1.1C	MLV4-C1.5T	MLV4-I4LE1 (Canada Only)	MLV4-I4LE1 (Canada Only)
Engine Brand / Model	Kubota / D1105	Caterpillar / C1.1	Caterpillar / C1.5 Turbo	Isuzu / 4LE1	Isuzu / 4LE1
EPA Emission Level	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Interim (Canada only)	Tier 4 Interim (Canada only)
Engine Prime Output (HP)*	13.5	13.3	22.3	32.1	32.1
Engine Prime Power (kW)**	8	8	15	20	20
Engine Electrical System (V)	12	12	12	12	12
Battery	550 CCA @ 0°F	550 CCA @ 0°F	550 CCA @ 0°F	550 CCA @ 0°F	775 CCA @ 0°F
Engine Starting System	Glow plug cold starting	Glow plug cold starting	Glow plug cold starting	Glow plug cold starting	Glow plug cold starting
Fuel Capacity gal (L)	100 (378.5)	100 (378.5)	100 (378.5)	100 (378.5)	100 (378.5)
Alternator - Capacitor Regulated or AVR (VAC)	120 / 240	120 / 240	120 / 240	120 / 240	120 / 240
Frequency (Hz) / Phase	60 / single	60 / single	60 / single	60 / single	60 / three
Light Type - Metal Halide	(4) Metal Halide SHO-HD® fixture				
Metal Halide Wattage (per lamp)	1,250	1,250	1,250	1,250	1,250
Metal Halide Lumens (per lamp/total)	135,500 / 542,000	135,500 / 542,000	135,500 / 542,000	135,500 / 542,000	135,500 / 542,000
Operating Time (hrs)*** <small>(Using four 1,250 W metal halide light fixtures)</small>	158.7	166.7	128.2	120.5	120.5
Light Type - LED	(4) Two LED, 5000°K color temperature				
LED Wattage (per lamp)	320	320	320	320	320
LED Lumens (per lamp/total)	38,500 / 154,000	38,500 / 154,000	38,500 / 154,000	38,500 / 154,000	38,500 / 154,000
Operating Time (hrs)*** <small>(Using four 320 W LED light fixtures)</small>	277.8	263.2	217.4	172.4	172.4
Features					
Lighting	Sequenced Lighting System (SLS™). System automatically turns lights on after engine start and delays engine shutdown to turn off lights first to prevent generator from shutting down while under load.				
Outlets	Standard - (2) 20 A 120 VAC duplex GFCI, (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, (4) 30 A 240 VAC 4-Wire Twist Lock (NEMA L14-30R), (1) 50 A 120/240 VAC 4-Wire Twist Lock (CS6369)		Standard - (2) 20 A 120 VAC duplex GFCI, plus (4) 30 A 240 VAC 4-Wire Twist Lock (NEMA L14-30R), (1) 60 A 208 VAC 5-wire pin and sleeve 3-phase outlet
Tower	Structure - Six section tubular steel design / Actuation - Hydraulic cylinder / Guide pads - Polyethylene self lubricating				
Trailer & Towing Connection					
Towing Connection	Reversible Coupler: Adjustable height 2 in ball / 3 in pintle				
Trailer	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				
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				
Weights & Dimensions					
Tower Maximum Height ft (m)****	25.3 (7.7)				
Shipping Weight lbs (kg)	4,020 (1,823)				
Gross Vehicle Weight Rating (GVWR) lbs (kg)	4,540 (2,059)				
Length - Transport/Outriggers in (mm)	124 (3,150) / 170 (4,318)				
Width - Transport/Outriggers in (mm)	77 (1,956) / 151.0 (3,854)				
Height - Mast Lowered/Raised ft (m)	8.4 (2.6) / 26.8 (8.1)				
Shipping	7 units on a 48' or 53' flatbed				

*Prime horsepower rating provided by engine manufacturer. **Prime generator electrical output per Allmand® testing. ***Based on one hour run test full fuel tank consumption. ****Balloon light only included in raised dimension - balloon light is removed for transportation. 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 775 CCA @ 0°F
- Block heater (120 VAC)
- Interior work light
- Arctic hydraulic fluid
- Standard on 20 kW model (Canada)



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 2.1™ – 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's exclusive bulbs. This system provides reduced glare while still illuminating a large area. Manual winch to redirect Balloon Light for easy accessibility from installation position to operating position.

Engine Air Intake Shut-Off Valve

Telematics (Customer Supplied)

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, portable light stands, portable air compressors and mobile generators for the construction, mining, oil & gas, and rental markets.



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