

Night-Lite™

V Series®

542,000 TOTAL LUMENS
WITH METAL HALIDE FIXTURES

154,000 TOTAL LUMENS
WITH LED FIXTURES

UP TO 73 HOURS RUN TIME
WITH METAL HALIDE

UP TO 155 HOURS RUN TIME
WITH LED

24 FT 6 IN MANUAL WINCH TOWER



SINCE 1938

Reliability, Performance and Integrity.

Night-Lite™

V Series®

An ROI-driven solution, the Night-Lite™ V Series® is built with the efficiency, durability and performance you demand. This unit will run from 73 to 155 hours between refueling with metal halide or LED respectively, and has a convenient fuel fill neck for quick refueling. Plus, it offers 542,000 total lumens from the four metal halide light fixtures and minimized freight costs by fitting up to twenty (20) units on a flatbed trailer.



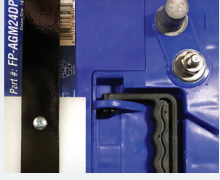
KEY FEATURES

- Up to 155 Hour Runtime with LED's
- SHO-HD® Light Fixtures
- Forklift Pockets and Lifting Eye
- 45 Gallon Polyethylene Fuel Tank
- Minimized Freight Costs
- Simple, Easily Accessible Controls
- Exterior Fuel Fill
- Fuel Level Gauge
- Easy Fixture Adjustment
- GPS Ready
- Manual Winch
- 4 Metal Halide Light Fixtures
- 4 LED Light Fixtures (Optional)
- All Steel Body Construction
- 359° Fixture Rotation
- 55 mph Operating Wind Speed Rating

Model	NLV-ML3EC	NLV-K1005C	NLV-P11
Engine Brand / Model	Mitsubishi / L3E	Kubota / D1005	Perkins / 403D-11
EPA Emission Level	Tier 4 Final	Tier 4 Final	Tier 4 Final
Engine Prime Output (HP)*	11.3	11.7	13.3
Engine Prime Power (kW)**	6	7	8
Engine Electrical System (V)	12	12	12
Battery	550 CCA @ 0°F	550 CCA @ 0°F	525 CCA @ 0°F
Engine Starting System	Glow plug cold starting	Glow plug cold starting	Glow plug cold starting
Fuel Capacity gal (L)	45 (170.3)	45 (170.3)	45 (170.0)
Alternator - Capacitor Regulated (VAC)	120 / 240	120 / 240	120 / 240
Frequency (Hz) / Phase	60 / single	60 / single	60 / single
Light Type - Metal Halide		(4) Metal Halide SHO-HD fixture	
Metal Halide Wattage (per lamp)	1,250	1,250	1,250
Metal Halide Lumens (per lamp/total)	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>	75.0	72.6	75.0
Light Type - LED (Optional)		(4) Two LED, 5000°K color temperature	
LED Wattage (per lamp)	320	320	320
LED Lumens (per lamp/total)	38,500 / 154,000	38,500 / 154,000	38,500 / 154,000
Operating Time (hrs)*** <small>(Using four 320 W LED light fixtures)</small>	121.6	155.2	118.4
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 - 20 A 120 VAC duplex GFCI / 30 A 240 VAC 4-Wire Twist Lock (NEMA L14-30R) / 30 A 120 VAC RV (NEMA TT-30R)		
Tower	Structure - Five section tubular steel design / Actuation - Standard - Manual winch / Tower rotation - Complete tower rotates 359° / 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 - ST175/80D13 load range 'C' Standard features - Forklift pockets / Lift ring / Tie down slots / Removable tongue		
Trailer Lighting	Stop, turn, tail lights / Side marker lights / Illuminated license plate bracket with 4-way flat connector		
Stabilizers	Three-point design - Tongue jack, two retractable side outriggers at rear of trailer		
Weights & Dimensions			
Tower Maximum Height ft (m)	From 8.9 (2.7) to 24.6 (7.5)		
Shipping Weight lbs (kg)	1,990 (902.6)		
Gross Vehicle Weight Rating (GVWR) lbs (kg)	2,250 (1,020.6)		
Length - Transport Position in (mm)	110.1 (2,796)		
Width - Transport/Outriggers in (mm)	53.9 (1,369) / 104.7 (2,659)		
Height - Mast Lowered/Raised ft (m)	8.9 (2.7) / 24.6 (7.5)		
Shipping	18 units on a 48' flatbed trailer / 20 units on a 53' flatbed trailer		

*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 775 CCA @ 0°F
- Block heater (120 VAC)



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

- Telematics Package (Customer Supplied)
- Electric Winch Actuated Light Tower
- Custom Paint

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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