





NIGHT-LITE™ V-SERIES®

An ROI-driven solution, the Night-Lite™ V-Series® is built with the efficiency, durability and performance you demand. This light tower is great for special events, building construction and infrastructure construction. This unit is made with a convenient fuel fill neck for quick refueling allowing you to get back to work fast and stay on top of any job. With up to 228,560 total lumens from four LED light fixtures and eco-friendly sized units fitting 20 on a 53ft flatbed trailer, the Night-Lite V-Series is perfect for any jobsite.

For a tutorial video and more product support, visit the Night-Lite™ V-Series® operations page.

350W	228,560	UP TO 155 HOURS	7 TO 8KW
SMD LED Lighting	Total Lumens	Operating Runtime	Prime Power

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Features

Sequenced Lighting System (SLS™)

Automatically delays engine shutdown to turn off lights and prevent the generator from shutting down while under load.

Remote Engine Oil and Coolant Drain

Easily accessible at rear of trailer.

Fluid Containment System (FCS)

Holds up to 110% of all on-board fluids. (Optional)

Stabilizers

Three-point design, tongue jack, (2) retractable side outriggers at front of trailer.

Frame

Formed, welded steel frame.

Vertical Tower

Structure - Five-section tubular steel design
Actuation - Manual winch, standard
Tower rotation - 359° fixture rotation
Guide pads - Polyethylene self-lubricating

Trailer Lighting

LED - Stop, turn, tail lights / side marker lights / illuminated license plate bracket.

Standard LED 4 Light Fixtures

350W high performance SMD style LED light fixtures.

SPECIFICATIONS

	CAT / Perkins 1.1	Kubota D1005
Engine Brand	Caterpillar / Perkins	Kubota
Engine Model	1.1	D1005
Rated Power Output (3,600 RPM) - HP*	13.8	11.6
Engine Tier	Tier 4 Final	Tier 4 Final
Fuel Capacity - gal (L)	45 (170)	45 (170)
Light Type - Variable 350W LED (Standard)	SMD Style LED, 5000° K Color Temperature	SMD Style LED, 5000° K Color Temperature
Metal Halide Wattage (per lamp)	1,250	1,250
Metal Halide Lumens (per lamp)	57,538	135,500
Metal Halide Lumens (total)	230,152 - 4 Lights	542,000 - 4 Lights
Transport Height (Mast Lowered) - in (mm)	102 (2,591)	102 (2,591)
Operating Height (Mast Raised) - in (mm)	295 (7,498)	295 (7,498)
Transport Width - in (mm)	58 (1,473)	58 (1,473)

	CAT / Perkins 1.1	Kubota D1005
Operating Width (Outriggers Deployed) - in (mm)	105 (2,667)	105 (2,667)
Transport Length - in (mm)	110 (2,789)	110 (2,789)
Operating Tower Wind Speed Rating - MPH (km/h)	55 (88)	55 (88)
Trailer Weight - lbs (kg)	1,885 (855)	1,885 (855)
Trailer GVWR - lbs (kg)	2,200 (998)	2,200 (998)
Number of Units on 48 Flatbed	18	18
Number of Units on 53 Flatbed	20	20

* Balloon light only included in raised dimension – balloon light is removed for transportation.

** Prime generator electrical output per Allmand® testing.

*** Based on one hour run test full fuel tank consumption.

**** All power levels are stated gross horsepower as rated by the engines© manufacturers

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.

Outlet Packages

Standard

1 - 20A 120 V Duplex GFCI Receptacle (NEMA 5-20R)
1 - 30 A 240 V 3-Pole, 4-Wire Twist Lock Receptacle (NEMA L14-

30R)
1 - 30 A 120 V 2-Pole, 3-Wire RV Receptacle (NEMA TT-30R)

Options

Metal Halide Package

- (4) Metal Halide light fixtures

Deep Sea L401 LSC Package

- Deep Sea L401 LSC automatically starts engine at sunset and shuts down engine at sunrise – programmable for user preferences.
- Emergency stop switch on exterior of machine
- Remote start connections terminal
- Heavy-battery

Engine Air Intake Shut-Off Valve

Electric Winch

Reversible Coupler

- 2" Ball Coupler / 3" Pintle
- 2" Bulldog / 3" Pintle

CSA Certification

Cold Weather Package

- Block Heater
- Heavy-duty battery (8 kW only)

Battery Disconnect

Galvanized Tower

Custom Paint

Skid Mount

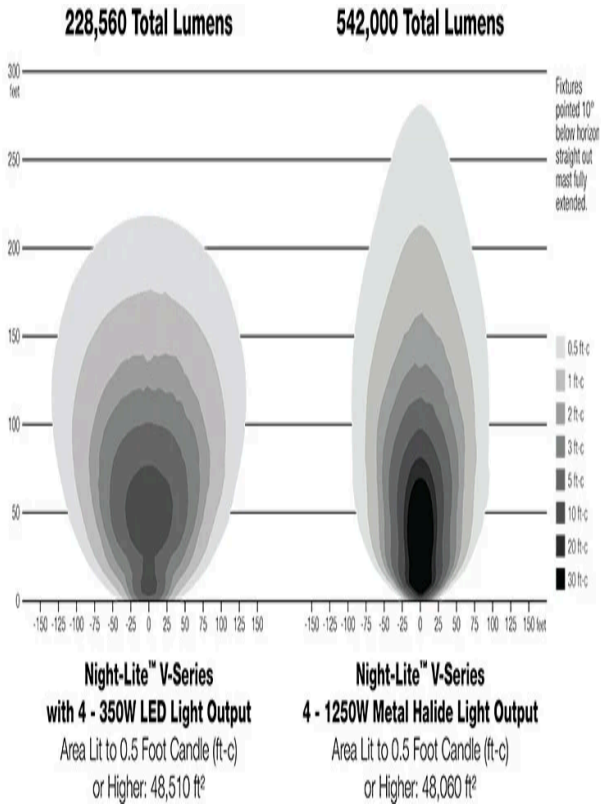
Fluid Containment System (FCS)

Combination Hour Meter & Fuel Level Gauge

LED Light Diffusers

Telematics Package
(Customer Supplied) Must
Contact Factory for Lead Time
Availability

Light Coverage



Night-Lite™ V-Series
with 4 - 350W LED Light Output
Area Lit to 0.5 Foot Candle (ft-c)
or Higher: 48,510 ft²

Night-Lite™ V-Series
4 - 1250W Metal Halide Light Output
Area Lit to 0.5 Foot Candle (ft-c)
or Higher: 48,060 ft²

RELATED PRODUCTS



Night-Lite Pro II® V-Series®

The Night-Lite Pro II® V-Series® features a vertical hydraulic mast with power cables encased in Nycoil flexible tubing to eliminate tangling and stretching of the tower wiring. Equipped with 350W LED fixtures, this unit provides up to 228,560 total lumens. Maintain

VIEW DETAILS



Maxi-Lite®

The Maxi-Lite® is Allmand's premium light tower containing the most durable job site features commonly required in heavy construction, oil and gas, and mining applications, where rugged usage is the norm. Allmand has built its reputation in these industries and

VIEW DETAILS



Night-Lite Pro II® LD-Series™

The Night-Lite Pro II® LD-Series™ provides up to 542,000 total lumens. The 30-gallon polyethylene fuel tank eliminates contamination from rust and corrosion to keep your light tower running longer. The Night-Lite Pro II® LD-Series™ is eco-friendly

VIEW DETAILS

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