

LIGHT TOWER

NIGHT-LITE PRO II® V-SERIES® CAT C1.1

BRAND	
ALLMAND	
MODEL	
NIGHT-LITE PRO II® V-SERIES® CAT C1.1	
Lamps	
Number of Lamps	4
Metal Halide Lamp Wattage (Per Lamp)	1,250 W
Metal Halide Lamp Lumens (Per Lamp)	135,500 lm
LED Lamp Type (DIP, SMD, COB, Other)	Chip On Board (COB)
LED Color Temperature	5,000 K
LED Lamp Wattage (Per Lamp)	320 W
Lamp Circuit Breaker Type and Amperage	15 A Hydraulic/Magnetic
Engine Detail	
Engine Make	Caterpillar
Engine Model	C 1.1
Engine Induction	Naturally Aspirated
Engine Displacement	1.1 L
Number of Cylinders	3
Mechanical Output (Prime) at Rated Speed	13.8 Hp (10.3 kWm) @ 1,800 RPM
Engine Speed @ MAX Load	1,800 RPM
Engine Speed @ No Load	1,800 RPM
Acceptable Fuel Types (Engine Only)	Ultra Low Sulfur Diesel (ULSD)
Fuel Consumption @ Full Load	0.65 GPH
Fuel Run Time @ Full Load	46.3 hr
Engine Oil Capacity With Filter	5.1 qt
Oil Change Interval	1,000 hr
Engine Cooling System Capacity	4.4 qt
Maximum ambient operating temperature at full output	118 °F (48 °C)
Electrical System Voltage	12 VDC
Battery Size	Group 24
Battery	550 CCA @ 0° F

Alternator Detail	
Output Phase and Voltage	1-phase 120/240 VAC
Power Output Rating (Prime Power)	8 kW (8 kVA)
Armature Connection	4 lead, series connected for 240 V, single phase
Number of Poles	4 Poles 1,800 RPM 60 Hz
Insulation	NEMA MG1 Class "F"
Excitation	Capacitor Type
Weights and Dimensions	
Gross Vehicle Weight Ratings - GVWR	2200 lb
Length – Transport Position	119.8 in
Width	50.5 in
Track Width	41.5 in
Height with Tower Lowered –Transport Position	99.3 in
Truck Load Shipping Quantities - 48' flatbed	16 units
Truck Load Shipping Quantities - 53' flatbed	18 units
Container Load Shipping Quantities - 40'	20 units
Trailer Detail	
Standard Trailer Coupler	adjustable height combination 2" ball coupler, 3" lunette ring for pintle hitch
Electrical Connector	4-way flat connector
Tire Size	ST175/80D13 Load Range 'C'
Axle Type	Tubular design
Axle Quantity	1 Axle
Body Detail	
Fluid Containment	Standard - Steel containment tray with rear drain
Fuel Tank Size (gal)	30
Fuel Tank Material & Construction	Rotationally Molded Polyethylene
Fuel fill port size	1.82 in dia

