



# NIGHT-LITE™ GR-SERIES

## LIGHT TOWERS

The **Allmand® Night-Lite™ GR-Series** lineup of light towers are rugged, durable, and built for any job site needs. These fuel efficient compact workhorses come equipped with heavy-duty alternators and high-performance SMD LED lights you need for applications ranging from construction to oil & gas to mining to special event lighting needs. With our focus on extreme reliability backed by unmatched service and support, the **Night-Lite™ GR-Series** light towers provide plenty of light for any space working longer, bigger and brighter so you can be out on a job site getting more work done.



# KEY FEATURES

## Night-Lite GR-Series



**(4) 350W SMD Style LED Light Fixtures** (Standard: NLGR LC 6kW, NLGR LC 3kW, & NLGR AC)

**(4) 250W SMD Style LED Light Fixtures** (Standard: NLGR LC CM & NLGR Chain)

**Mast**  
Flexible lighting with a vertical mast extending to 23 feet (7 meters)

**Vertical Tower**  
Easy to raise and lower with a dual-handle manual winch

**355 Degree Rotation**  
Increase flexibility in light spread

**195 to 214 Hour** (NLGR LC 6kW)  
**313 to 360 Hour** (NLGR LC 3kW)  
**390 Hour** (NLGR LC CM)  
**213 to 257 Hour** (NLGR LC AC)  
**Operating Run Time**

**Fuel Tank**  
**48 gallon (181 liter)** (NLGR AC Models)  
**63 gallon (238 liter)** (NLGR LC Models)

**Timer Control**  
Programmable on/off functionality (NLGR Chain)

**Photocell Control**  
Dusk to dawn on/off functionality (NLGR Chain)

**Chaining Capability**  
Up to two units off a single power source (NLGR Chain)

**Deep Sea L401 Controller**  
Programmable autostart, low fuel level shutdown, fuel level reading, etc. (NLGR AC, NLGR LC 3kW, & NLGR LC 6kW)

**Key Start Control** (NLGR LC CM)

**Controls**  
Simple, easy to use

**Easy Access**  
Wide area rear door for ease of access maintenance

**Foldable Tongue**  
Takes up less space on the job-site and in your yard

**Standard Trailer Coupler 2" Ball**

**Forklift Pockets**  
Easily load and unload equipment

**Stabilizers**  
Steel tongue jack foldable with dual pins, 3 point outriggers

**Heavy-duty Leveling Jacks**

**Lifting Eye**

**Welded Steel Frame with Lockable Door**

**Compact Design**  
Fit more units on a flatbed for the same shipping cost

**Operating Temperatures**  
Max: 120°F (49°C)  
Min: -20°F (-29°C)  
CWP Min: -40°F (-40°C)

**CSA Approved** (All Models except NLGR LC CM)

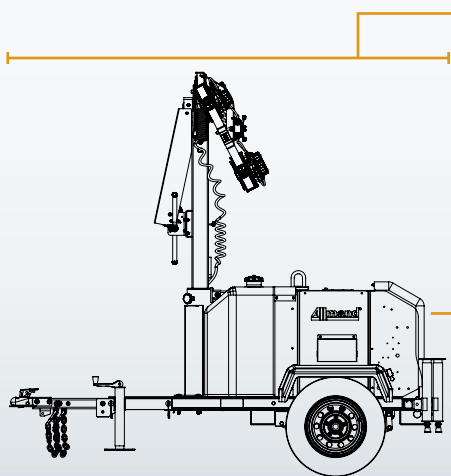
Model	NLGR Chain	NLGR Air Cooled	NLGR Liquid-Cooled CM	NLGR Liquid-Cooled 3kW	NLGR Liquid-Cooled 6kW	
Engine Brand / Model	n/a	Yanmar / L70W	Kubota / Z482	Kubota / Z482	Kubota / D1005	Caterpillar / C1.1
Prime Power (kW)*	n/a	3	1.4	3	6	6
Horsepower (@ 1,800 RPM)***	n/a	5.8	5.1	5.1	11.6	13.8
Engine Tier	n/a	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Engine Oil Change Interval****	n/a	750	1000	1000	1000	1000
Fuel Capacity - gal (L)	n/a	48 (181.7)	63 (238.4)	63 (238.4)	63 (238.4)	63 (238.4)
Alternator Brand / Model	n/a	Linz / SP10S E	Marathon / 201CSA5430	Linz / ALUMEN SB	Marathon / 201CSA5440	Marathon / 201CSA5440
Light Type - LED						
SMD LED, 5000 K color temperature						
350W LED	n/a	Standard	n/a	Standard	Standard	Standard
350W LED Lumens (per lamp / total)	n/a	57,140 / 228,560	n/a	57,140 / 228,560	57,140 / 228,560	57,140 / 228,560
350W LED Light Output - Area Lit to 0.5 Foot Candle (ft-c)	n/a	45,010 ft²	n/a	45,010 ft²	45,010 ft²	45,010 ft²
350W LED Operating Time (hrs)**	n/a	213	n/a	313	206	195
250W LED	Standard	Option	Standard	Option	Option	Option
250W LED Lumens (per lamp / total)	43,842 / 175,368	43,842 / 175,368	43,842 / 175,368	43,842 / 175,368	43,842 / 175,368	43,842 / 175,368
250W LED Light Output - Area Lit to 0.5 Foot Candle (ft-c)	38,160 ft²	38,160 ft²	38,160 ft²	38,160 ft²	38,160 ft²	38,160 ft²
250W LED Operating Time (hrs)**	n/a	257	390	360	214	206
Estimated LED Life (hrs)††	50,000	50,000	50,000	50,000	50,000	50,000
Features						
Outlets	Inlet - 120V/15A NEMA 5-15R (No Chain) Inlet - 120V/20A NEMA 5-20P (Chain) Outlet - 120V/20A GFCI	Single - 120V / 20A GFCI	n/a	Single - 120V / 20A GFCI	Single - 120V/20A GFCI, Single - 120V/30A RV, & Single - 240V/30A Twistlock	Single - 120V/20A GFCI, Single - 120V/30A RV, & Single - 240V/30A Twistlock
Unit On/Off Control	Timer / Photocell	Deep Sea Controller	Key Start	Deep Sea Controller	Deep Sea Controller	Deep Sea Controller
Tower Operating Wind Speed Rating	50 mph (80 km/h)	55 mph (88 km/h)	60 mph (96 km/h)†	60 mph (96 km/h)	65 mph (105 km/h)	65 mph (105 km/h)
Weights & Shipping						
Weight - lbs (kg)	750 (340.1)	1,000 (453.6)	1,100 (498.9)	1,200 (544.3)	1,355 (614.6)	1,355 (614.6)
Gross Vehicle Weight Rating (GVWR) - lbs (kg)	1,200 (544.3)	1,500 (680.4)	1,750 (793.7)	1,750 (793.7)	2,000 (907.1)	2,000 (907.1)
Number of Units on 48' Flatbed	20	20	20	20	18	18
Number of Units on 53' Flatbed	22	22	22	22	20	20

**Max Height:**

**All Models**  
276.0 in (7,010 mm)

**Transport Height:**

**All Models**  
98.5 in (2,502 mm)

**Length:**

**NLGR Chain & AC** 76.8 in (1,956 mm)  
**NLGR LC 3kW** 82.5 in (2,096 mm)  
**NLGR LC CM** 82.5 in (2,096 mm)  
**NLGR LC 6kW** 107.3 in (2,724 mm)

**Max Width:**

**NLGR Chain & AC** 94.0 in (2,387 mm)  
**NLGR LC 3kW** 98.0 in (2,489 mm)  
**NLGR LC CM** 98.0 in (2,489 mm)  
**NLGR LC 6kW** 98.0 in (2,489 mm)

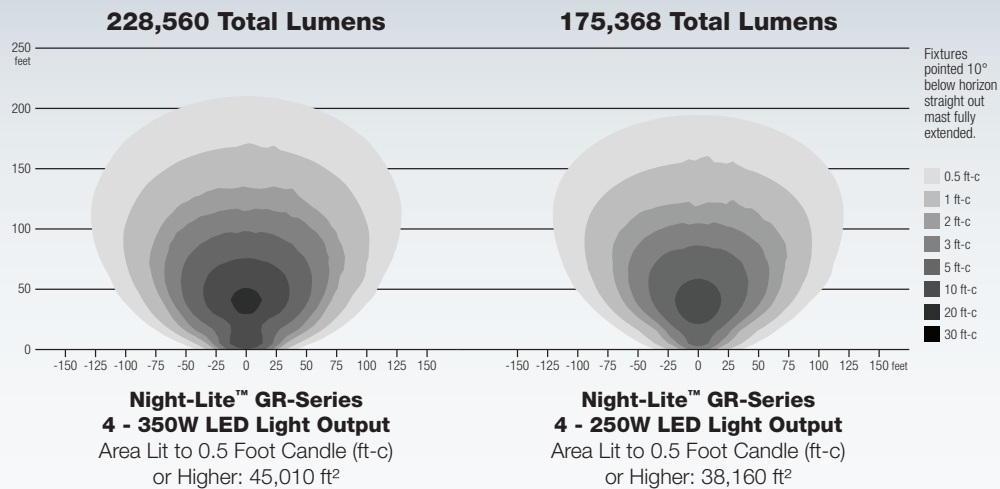
**Transport Width:**

**NLGR Chain & AC** 48.3 in (1,226 mm)  
**NLGR LC 3kW** 50.5 in (1,283 mm)  
**NLGR LC CM** 50.5 in (1,283 mm)  
**NLGR LC 6kW** 50.5 in (1,283 mm)

\* 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. \*\*\*\* Service interval reduced to 250 hours if running engine on high-sulfur diesel fuel. † Estimated value, will require further testing to confirm. †† Based on 5 yrs of service and industry residual value. 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](http://www.allmand.com) website for complete warranty details.

# LIGHT COVERAGE

## Night-Lite GR-Series



# OPTIONS TABLE

Model	NLGR Chain	NLGR AC	NLGR LC CM	NLGR LC 3kW	NLGR LC 6kW
<b>Cold Weather Package</b> (Items included below)	-	-	●	●	●
<b>Heavy-Duty Battery 775 CCA @ 0°F (-17.7°C)</b>	-	-	●	●	●
<b>Block Heater (120 VAC)</b>	-	-	●	●	●
<b>Other Options</b>					
<b>Heated Fuel/Water Separator</b>	-	-	-	●	●
<b>250W LED Lights</b>	●	●	●	●	●
<b>LED Diffuser Panels</b>	●	●	●	●	●
<b>Electric Winch Tower</b>	-	-	●	●	●
<b>Galvanized Tower (Manual Winch Only)</b>	●	●	●	●	●
<b>Reversible Coupler Ball and Lunette Ring</b>	●	●	●	●	●
<b>Lunette Ring (no Reversible Coupler)</b>	●	●	●	●	●
<b>Bulldog Coupler (no Reversible Coupler)</b>	●	●	●	●	●
<b>Battery Disconnect</b>	-	-	-	●	●
<b>Emergency Air Intake Shut-Off Valve</b>	-	-	-	●	●
<b>Telematics Package</b> (Customer supplied – consult factory)	-	-	●	●	●
<b>Custom Paint</b>	●	●	●	●	●

Key	
Option	●
Standard	●
Not available	-



## COMPROMISE NOTHING.

At Allmand, our sole focus is providing jobsite support equipment to help your customers get the job done. Whenever they need it. Wherever they are. And whatever it takes. What's more, our genuine commitment to you — the highest standard of service and lowest total cost of ownership — is simply unmatched. Choose the equipment that comes with complete confidence that jobsite productivity won't go dark at 2 a.m.

**Allmand. Above All.**