

## **Appendix O. Nighttime Lighting Specifications**



# NIGHT-LITE PRO II®

## LD-SERIES

The **Night-Lite Pro II® LD-Series™** features SHO-HD® lamp fixtures that provide 135,500 lumens per lamp – more than competitive light towers. The 30 gallon polyethylene fuel tank eliminates contamination from rust and corrosion to keep your light tower running longer. The optional full fluid containment system protects sensitive environments from inadvertent leaks and spills. Maximize your job site productivity with the choice that outshines the competition.



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BRIGGS & STRATTON  
CORPORATION

# KEY FEATURES

## Night-Lite Pro II<sup>®</sup> LD-Series

### Sequenced Light System (SLS™)

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

### 4 Metal Halide Lamps

### 359° Fixture Rotation

### 55 mph Operating Wind Speed Rating

### Structure

3 section tubular steel design

### Guide Pads

Polyethylene self-lubricating

### Manual Winch Actuated Tower

### Frame Formed, welded steel frame

### Axle Tubular axle with elliptical leaf springs

### Removable Tongue

### Reversible Coupler

Adjustable height 2" ball / 3" pintle

### 30 Gallon Polyethylene Fuel Tank

### Stabilizers

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

### Four-Way Flat Trailer Connector

### Width

Transport / Operating  
50.5 in (1,283 mm) /  
98.3 in (2,497 mm)

### Height\*

Mast Lowered /  
Raised  
6.9 ft (2.1 m) /  
29.1 ft (8.9 m)

### Length

Transport / Operating  
176.3 in (4,478 mm) /  
173.3 in (4,402 mm)

### Gull-Wing Style Doors

Reaction Injection Molded (RIM) doors providing strength and corrosion resistance with a lockable latch

### Forklift Pockets and Lifting Eye

### Fluid Containment System (FCS)

Holding up to 110% of all on-board fluids (with Arctic Package)

### Remote Engine Oil and Coolant Drain

Easily accessible at rear of trailer

### Trailer Lighting

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

### Forklift Pockets

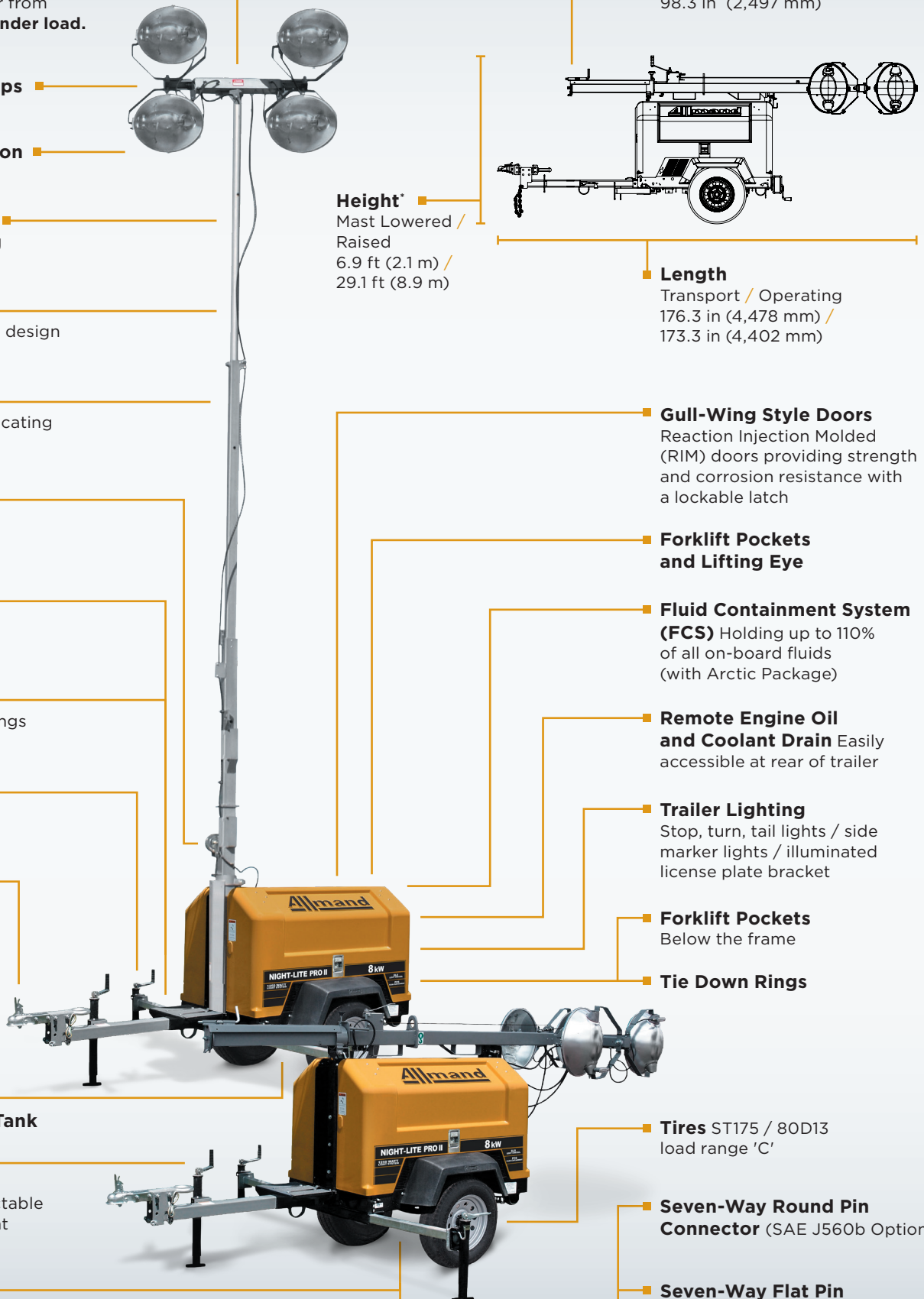
Below the frame

### Tie Down Rings

### Tires ST175 / 80D13 load range 'C'

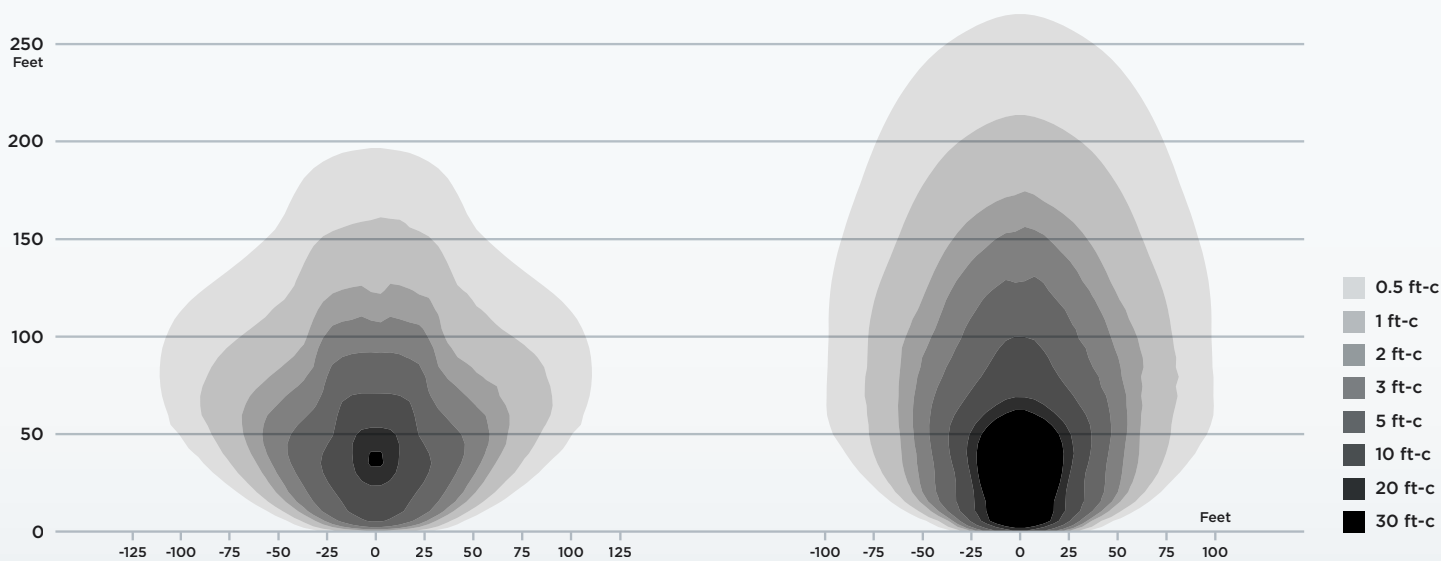
### Seven-Way Round Pin Connector (SAE J560b Optional)

### Seven-Way Flat Pin RV Adapter (Optional)



Model	NLPROLD-ML3E	NLPROLD-K1005	NLPROLD-P1.1
Engine Brand / Model	Mitsubishi / L3E	Kubota / D1005	Perkins / P1.1
Engine Prime Power (kW)**	6	7	8
Fuel Capacity gal (L)	30 (113.6)	30 (113.6)	30 (113.6)
Light Type – Metal Halide (4) Metal Halide SHO-HD® fixture			
Metal Halide Wattage	1,250	1,250	1,250
Lumens (per lamp / total)	135,500 / 542,000	135,500 / 542,000	135,500 / 542,000
Operating Time (hrs)*** (Using four 1,250 W metal halide light fixtures)	50	48.4	50
Features			
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)		
Weights & Shipping			
Shipping Weight lbs (kg)	1,720 (780.2)		
Gross Vehicle Weight Rating (GVWR) lbs (kg)	2,200 (998)		
Shipping	12 units on a 48' or 53' flatbed		

## LIGHT COVERAGE



**Night-Lite Pro II® LD-Series**  
with 4 - 320 W Conssin LED Light Output

Area Lit to .5 Foot Candle (ft-c) or Higher: 33,660 ft<sup>2</sup>

**Night-Lite Pro II® LD-Series**  
with 4 - 1,250 W Metal Halide Light Output

Area Lit to .5 Foot Candle (ft-c) or Higher: 46,440 ft<sup>2</sup>

## OPTIONS

### Night-Lite Pro II® LD-Series



#### Arctic Package

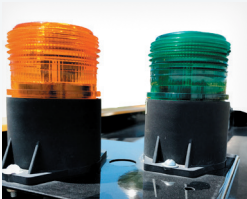
- Heavy-duty battery 775 CCA @ 0° F
- Block heater (120 VAC)
- Fluid containment



#### LSC with E-Stop Package

(Not available with Mitsubishi Engine)

- LSC 2.1™ – Light Sequence Commander® automatically starts engine at sunset and shuts down engine at sunrise – programmable for user preferences.
- Emergency stop switch on exterior of machine



#### Arctic Max Package

(only available with Arctic Package)

- Heated fuel / water separator
- Radiator cover
- Low fuel shut-off system



#### 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.

**Engine Air Intake Shut-Off Valve** (Not available with Mitsubishi or Perkins Engine)

**Telematics Package** (Customer supplied – consult factory)

**Custom Paint**

**Skid Mount Available on Standard SKUs**

**2" Bull Dog** (On Reversible Hitch) Feb 2019

**CSA** (Metal Halide)



## 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.**