

Portable Diesel Light Towers



Models

WLT-4ML6K Diesel Kohler 6kW

WLT-4MK6K Diesel Kubota D-1105 6kW

WLT-4MK106K Diesel Kubota D-1005 6kW

WLT-4MK8K Diesel Kubota 8kW



The industry leader.

Not just another light tower, Wanco light towers use state-of-the-art technology to achieve superior illumination — exceeding government regulations for worksite illumination. With four 1000-watt light fixtures atop a 30-foot variable-height mast, Wanco light towers shine a uniform light pattern across the entire job site.

Light fixtures

The Wanco Light Tower's high-output fixtures provide the most illumination for the wattage and a more uniform light pattern, virtually eliminating light pollution. For faster job-site setup and less downtime, each light fixture can be aimed independently without the use of tools, and the lights stay in place once positioned.

Light tower

The telescoping tower assembly is reinforced for stability and safety. Two winches raise and extend the mast, with both power- and hand-operated winches available. The light tower mast rotates 360 degrees, and the lights can be operated at any height, eliminating the need to move the trailer frequently.

Power system

The power system includes a choice of low-RPM Tier 4i diesel engines and high-quality four-pole generators. A 30-gallon fuel tank provides extended run times of 60 to 70 hours between refueling, depending on environmental influences. The translucent polyethylene tank offers an instant view of fuel level, eliminating the need for a fuel gauge.

Serviceability

Wanco has created a unique innovation that greatly improves serviceability. For complete access to the engine, generator and electrical components, Wanco light towers feature a hinged top panel that rises with the mast when maintenance is required. No other light tower makes engine access this easy. The gull-wing side doors may be opened while the maintenance panel is raised, further enhancing access.

Description:

- Four Adjustable High-Efficiency Light Fixtures
- 1000-Watt Metal Halide Lamps
- 30' Telescoping Tower Assembly with 360-Degree Rotation
- Low-RPM Tier 4i Diesel Engine with Premium Four-Pole Generator
- 30-Gallon Fuel Tank
- Powder-Coat Finish
- Combination 2" Ball/2½" Pintle Hitch

Features:

- High-efficiency light fixtures provide uniform light pattern
- Durable fixtures resist shock and last longer
- Unique lamp design increases filament life and keeps maximum light on the job longer, increasing productivity while saving time and money
- Rotating tower allows 360-degree rotation, reducing need to frequently move the light tower trailer
- Compact design with removable tow bar allows efficient transport and storage
- Lockable, weather-resistant, steel cabinet protects components from the elements
- Two outriggers and four leveling jacks provide stability
- Control panel features elapsed hour meter, 120-volt GFCI receptacle for powering external equipment, and circuit breakers for on/off functionality and protection
- Tier 4i diesel engine includes glow-plug preheat system for improved cold-weather starting
- Automatic engine shutdown system protects engine from damage due to low oil pressure and high coolant temperature
- Exclusive hinged top panel provides unimpeded access to engine, generator, and electrical
- Fuel capacity of 30 gallons provides extended run times of 60 to 70 hours between refueling, depending on environmental influences
- Translucent polyethylene fuel tank provides instant view of fuel level, eliminating the need for a fuel gauge

Operating weight

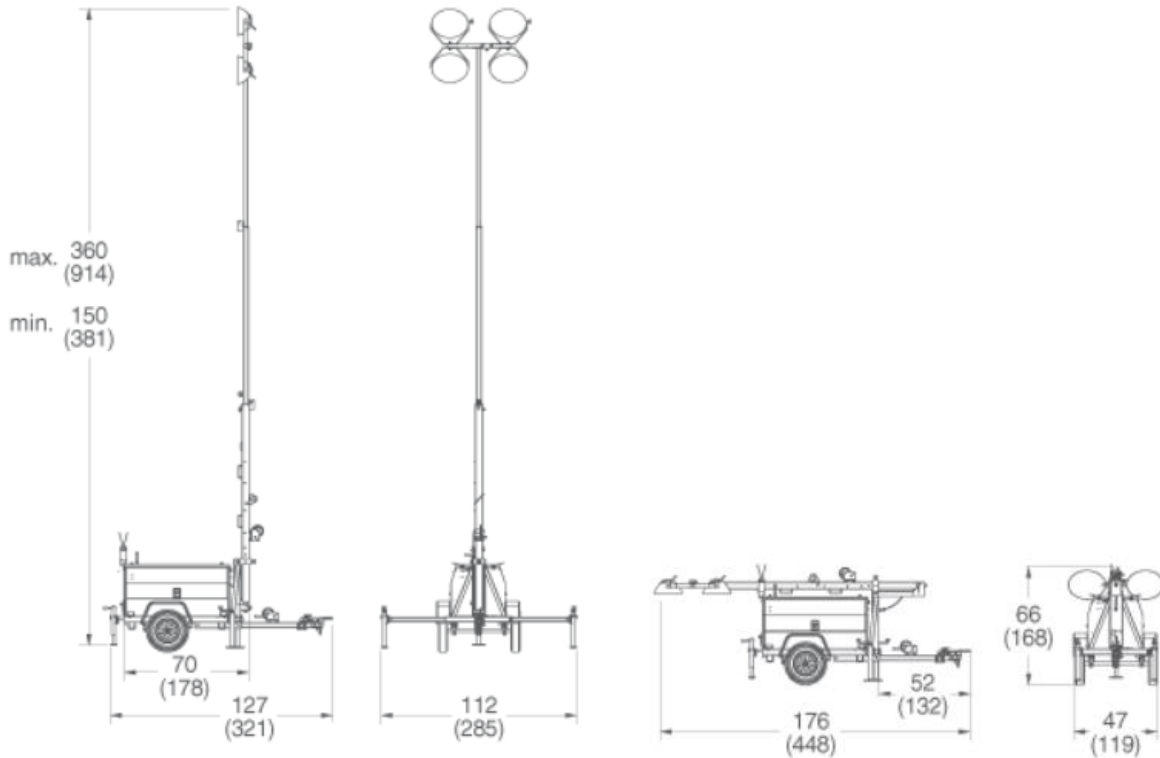
Approx. 1800 lbs. (815kg)

Construction

Trailer	MIG welded, unibody-style
Finish	Oven-baked powder coating
Tow hitch	Combo-hitch for 2-inch ball or 2 1/2-inch pintle hook
Tires	ST175/80 D13

Specifications†

Dimensions — inches (cm)



Lights

Lamps	Four metal halide
Wattage	1000 W per lamp
Luminosity	0.5 fc @ 7.5 acres (5.4 lm/m ² @ 30,400 m ²)

Output power

Output	6 kW
Voltage	120 V or 240 V*
Amperage	50 A @ 120 V 25 A @ 240 V
Frequency	60 Hz or 50 Hz*
Voltage regulation	±5%, no load to full load

Power system

Engine type	3-cylinder, 4-cycle, liquid-cooled diesel
Engine speed	1800 rpm
Generator type	Brushless
Generator insulation	H
Generator wattage	6 or 8 kW*
Battery	12 V dc, 550 CCA
Maximum power output	12.1 or 13.6 hp (9 or 10 kW)*
Displacement	56 or 68 cu. in. (916 or 1123cm ³)*
Sound level at maximum load	71 dB at 23 feet (7m)
Fuel tank capacity	30 gal. (114L)
Fuel consumption	0.44 gal./hr. (1.67L/h)
Runtime before refueling	60 to 70 hrs., approx.

*Depending on model Specifications subject to change without notice.

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 Surveillance Equipment • Air Compressors • Security Devices & Equipment