



Vertical-Mast Light Towers

LED and Metal Halide

Durable powder-coated, lockable and weather-resistant steel enclosure. Hinged side panels provides access to engine, generator and electrical components.

Control panel includes elapsed hour meter, convenience outlet for powering external equipment, circuit breakers for on/off functionality and protection.

Diesel engine features glow-plug preheat system for increased service life and improved cold-weather starting.

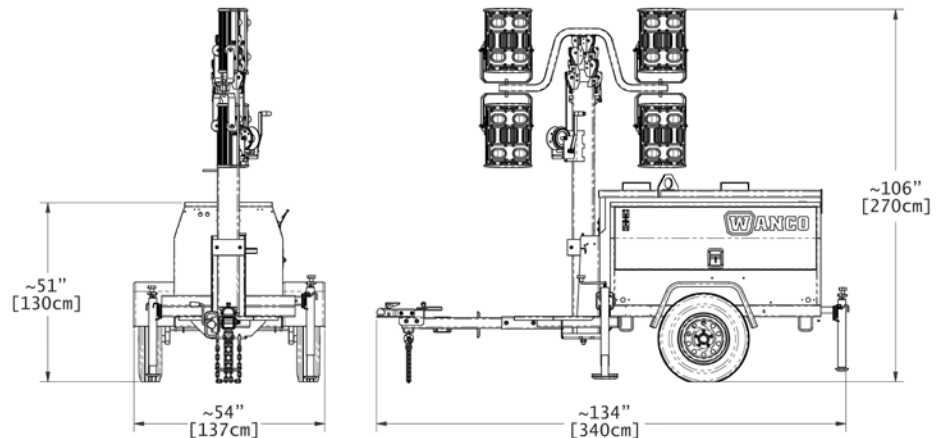
Automatic shutdown system protects engine from damage due to low oil pressure and high coolant temperature.

Options include a choice of engines, 6 to 8 kW generator, dusk to dawn auto-start/stop system, 120- and 240-volt power receptacles, cold weather start aid, fuel/water separator, electric winch or hydraulic lift.



Telescoping vertical mast for quick, easy deployment

- Durable powder-coat finish, custom colors available
- Standard tow hitch
- Removable drawbar
- Five stage steel tower
- Hand winch or electrical option
- Wide wheel base
- Lower center of gravity



Specifications

Physical

Operating height	Max. 28 ft. 7 in. (8.71m) Min. 8 ft. 8 in. (2.64m)
Deployed footprint	9 ft. x 9.5 ft. (2.74m x 2.9m)
Operating weight	1990 lbs. (903kg)
Shipping weight	1740 lbs. (780kg)
Tires	ST175/80D13
Tow hitch	2-inch ball and 3-inch pintle hook combo
Tongue weight	145 lbs. LED lights option 130 lbs. metal-halide lights option

Engine system

Standard Engine type	Kubota D1005 or D1105 Tier 4 Final diesel, 3-cylinder, 4-cycle
Optional Engines	Kohler, Perkins and Mitsubishi Tier 4 Final diesel, 3-cylinder, 4-cycle
Engine speed	Standard 1800 rpm 60hz Optional 1500 rpm 50hz
Generator type	Brushless, 50hz 230VAC
Battery	12 V dc, maintenance free
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	71 dB at 23 feet (7m) at max. load
Fuel tank capacity	30 gal. (114L)
Runtime before refueling	Metal-halide lights 60 to 70 hours LED lights up to 100 hours
Fuel consumption	Metal-halide 0.44 gal./hr. (1.67L/h) LED 0.286 gal./hr. (1.05L/h)

Output power

Output @ 1 P.F.	6 kW to 8kW
Voltage	120 V or 240 V*
Amperage	50 A @ 120 V, 25 A @ 240 V
Frequency	Standard 60 Hz Optional 50 Hz
Voltage regulation	±5%, no load to full load

Light option 1

Lamps	Four metal-halide fixtures
Wattage	1000 W, 110000 lumens per lamp
Fixtures	Elliptical housing with glass cover

Light option 2

Lamps	Four LED CCD 5000 Kelvin fixtures
Wattage	480 W, 57000 lumens per fixture
Fixtures	Solid rectangular heat sink housing with glass lenses

*Depending on model

Quick deployment

The new Wanco® Vertical-Mast Light Towers deploy quickly with a single winch to raise the mast. For fast job-site setup and less downtime, each light fixture can be aimed independently without the use of tools—and the fixtures stay in place once positioned. In the upright position, the light tower mast rotates almost 360 degrees, and the lights can operate at any height, preventing the trailer from having to be moved or adjusted frequently.

Exceptional illumination

All Wanco light towers use state-of-the-art technology to achieve exceptional illumination. Each high-output metal-halide fixture features a high-intensity parabolic reflector for a bright, uniform light pattern. LED fixtures utilize a solid and durable glass lenses that provide uniform light distribution. Designed to exceed metal-halide output.

Power system

Equipped with a standard, rugged, low-RPM, Tier 4 Final Kubota D1005 or D1105 diesel engine and high-quality four-pole generator. A convenience outlet is standard for powering external equipment. The 30-gallon fuel tank yields extended run times of 60 to 70 hours with metal-halide lamps and up to 100 hours with LED lamps between refueling.