

23kW Diesel Light Tower

LED Lights on a Mobile Generator



More surplus power than competing 20kW light towers, plus single- and three-phase output

- 231,200 total lumens with 480-watt LED fixtures
- Telescoping vertical tower
- True 29kVA/23kW industrial generator
- Switchable 3-phase/1-phase power
- Connections for auxiliary fuel tank



The Wanco® 23kW Light Tower is based on our line of Mobile Generators. This is by far the most powerful light tower on the market today, with more surplus power than any other brand. This industrial light tower lights up your work site and has plenty of power left over for all your field office needs.

Light Tower

The telescoping vertical tower rises to nearly 24½ feet (7.5 meters) when deployed. A single winch extends the tower. The lights can be aimed individually without tools and operate at any height.

Wanco's industrial-grade light fixtures provide 231,200 lumens and are extremely durable. The LEDs have a 50,000-hour lifespan that equates to over 10 years of use, significantly reducing the need for maintenance and lowering overall cost of ownership.

Generator

A true 23 kilowatts, the power system features a rugged Isuzu engine and an oversized PMG alternator for 300% motor starting capacity.

The system includes a Deep Sea 7320-series digital controller with a sophisticated level of features and functions. The user-friendly controller shows warning, shutdown and engine status on a heated and backlit display. An emergency-stop button is located on the exterior of the generator enclosure.

Industrial-grade construction ensures durability, longevity and reliable operation. A double-wall steel fuel tank is integrated with the trailer and includes connections for attaching an auxiliary tank.

Environmental

Exceptional power efficiency and fuel savings create a smaller carbon footprint when compared with other light towers. Low fuel consumption also lengthens run times, greatly reducing refueling and maintenance costs.

Integral sound attenuation provides superior noise reduction — just 59 dBA at 23 feet (7 meters). Built-in fluid containment protects against ground contamination from leaks, spills and drips.

For more information or to place an order, call **800.972.0755** or visit wanco.com.

Brief specifications

Lights

Light fixtures	Four adjustable LED fixtures
Luminous flux	57,800 lumens per fixture 231,200 total lumens
Coverage area	32,000 sq ft (3000 m ²)
Power draw	480 W per fixture
Light height	24.5 feet (7.5 meters) fully extended; lights operate at any height

Power system

Engine	Isuzu 4LE2 Tier 4 Final 4-cylinder, direct injection
Prime rating	23 kW
Output voltages	120/240 120/208 277/480
Fuel capacity	60.7 gal (230 L)
Run time, continuous	@ 25% load 108 hrs @ 50% load 54 hrs @ 100% load 27 hrs
Sound level	59 dBA @ 23 ft (7 m)

Options

- Electric winch for raising and lowering light tower
- Auto-start/stop system turns lights on at dusk and off at dawn
- Cold-soak prevention system ensures operation in cold temperatures



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