

12kW Diesel Light Tower

LED Lights on a Mobile Generator



Industrial-grade generator does double duty as a powerful LED light tower

- 24-foot vertical light tower
- 12kW industrial generator
- 196,000 total lumens with 350W LED fixtures
- Perkins® Tier 4 final diesel engine
- Connections for auxiliary fuel tank

The Wanco® 12kW Light Tower is based on our most compact Mobile Generator. Designed for versatility and ease of use, the generator provides plenty of power while doubling as a full featured high-intensity LED light tower.

Light Tower

The telescoping vertical tower rises to 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, 350-watt LED light fixtures are extremely durable and incredibly bright, providing nearly 200,000 total lumens. 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

The 12kW power system features a rugged Perkins® Tier 4 final diesel 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 diesel 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	49,000 lumens per fixture 196,000 total lumens
Coverage area	14,400 sq ft (1350 m ²)
Power draw	350 watts per fixture
Light height	24 feet (7.3 meters) fully extended; lights operate at any height

Power system

Engine	Perkins 403F-15G 4-cycle, indirect injection diesel
Prime rating	11.9 kW
Output voltages	120/240
Fuel capacity	50 gal (190 L)
Run time, continuous	
lights only	312 hrs
generator only	@ 25% load 185 hrs @ 50% load 92 hrs @ 100% load 46 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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