

# 12kW Diesel Light Tower

## LED Lights/Vertical Tower/Generator



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

- 25-foot vertical light tower
- 12kW industrial generator
- 196,000 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 just under 25 feet (7.5 meters) when deployed. A single winch extends the tower. The tower rotates 358 degrees even when deployed, and the lights can be aimed individually without tools. The lights operate at any height.

Wanco's industrial-grade light fixtures provide nearly 200,000 lumens and are extremely durable. Our 350-watt LED fixtures are standard, while our 480-watt LED fixtures are an even brighter option. LEDs have a 50,000-hour lifespan that equates to over 10 years of use, significantly reducing the need for maintenance.

## Generator

The 12kW power system features a rugged Perkins® Tier 4 final diesel engine and an oversized Mecc Alte alternator with PMG for superior starting capacity.

The system includes a Deep Sea 6000-series digital controller with a sophisticated level of features and functions. The user-friendly controller displays 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, call **800.972.0755** or visit [wanco.com](http://wanco.com).



## Brief specifications

### Lights

Light fixtures	Four LED fixtures
Power draw	350 W per fixture 1400 W total
Luminosity	49,000 lm per fixture 196,000 lm total

### Power system

Engine	Perkins 403F-15G 4-cycle, indirect injection diesel
Standby rating	11.9 kW
Output voltages	120/240
Fuel capacity	58.2 gal (220 L)
Run time, continuous	
lights only	135 hrs
generator only	@ 25% load 112 hrs @ 50% load 84 hrs @ 100% load 56 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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