

WSP25 Light Tower



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

- 23-foot vertical light tower
- 298,100 total lumens with 480-watt LED fixtures
- 26kVA/21kW industrial generator
- Switchable 3-phase/single-phase power
- Connections for auxiliary fuel tank



The Wanco® WSP25 Light Tower is based on our 21 kilowatt 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 23 feet (7 meters) when deployed. A single winch raises the tower. The lights can be aimed individually without tools and operate at any height.

Wanco's industrial-grade LED light fixtures are extremely durable and incredibly bright, with a choice of 350- or 480-watt fixtures that provide over 298,100 total lumens. The LEDs have a 50,000-hour lifespan that equates to more than 10 years of use, significantly reducing the need for maintenance and lowering overall cost of ownership.

Generator

The 21-kilowatt power system features a rugged Isuzu® Tier 4 Final diesel engine and an oversized PMG alternator for 300% motor starting capacity.

The system includes a Deep Sea Electronics 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 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 | 350W lights | 480W lights | |
| | per fixture | 56,778 lm | 74,529 lm |
| | total | 227,112 lm | 298,116 lm |
| Coverage area | 18,768 sq ft (1744 m ²) | 25,128 sq ft (2335 m ²) | |
| Power draw | per fixture | 350W | 480W |
| | total | 1.4 kW | 1.9 kW |
| Light height | 23 feet (7 meters) fully extended; lights operate at any height | | |

Power system

| | | | |
|----------------------|--|--------------------|-------------------|
| Engine | Isuzu 4LE2T Tier 4 Final 4-cylinder, direct injection | | |
| Prime rating | 23 kW | | |
| Output voltages | 120/240 | | |
| | 120/208 | | |
| | 277/480 | | |
| Fuel capacity | 60 gal (227 L) | | |
| Run time, continuous | 350W lights | 480W lights | |
| | lights only | 164 hrs | 120 hrs |
| | generator only | 108 hrs @ 25% load | 54 hrs @ 50% load |
| | | 27 hrs @ 100% load | |
| 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



WANCO INC.
5870 Tennyson Street
Arvada, Colorado 80003
800-972-0755
303-427-5700
303-427-5725 fax
www.wanco.com

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