

# Mine-Spec Light Towers

## LED/Metal Halide



# Developed by the mining industry for the mining industry

- Most powerful LEDs of any light tower
- Unique mast design for increased safety
- Large usable internal storage space
- DSE automatic dusk-to-dawn controller
- Polar cold-start system prevents cold-soaking

Wanco Mine-Spec Light Towers are designed specifically for the harsh environmental conditions and rigorous operating demands of the mining industry—which also makes them perfect for oil and gas field applications.

These light towers are built tough for dependable operation and long lifespan. Their heavy-duty construction includes a fully welded structural steel frame, all-steel enclosure and industrial-grade power plant for continuous peak performance.

Ideal for use in environmentally sensitive areas, integrated fluid containment protects against leaks and spills, eliminating costly cleanup expenses and regulatory fines. Superior fuel efficiency, low fuel consumption and extended service intervals all serve to reduce the light tower's carbon footprint and operating costs.

Safety features include an emergency-stop button, battery disconnect switch, exhaust shield, muffler wrap and fan and belt guards. An externally-mounted fire extinguisher bracket is standard. Wanco's unique dual-pulley system lifts each tower section from below, balancing the load and improving safety. Four stabilizer jacks and two outriggers provide stability.

Conveniences include a Deep Sea Electronics auto-start/stop control system, external convenience outlets with watertight covers, wheel chocks and ample tool and equipment storage inside the wide-body enclosure. The equipment cabinet can be locked against unauthorized access. A flashing beacon warns of low fuel level or active fluid containment.

Choose either LED or metal halide lights when specifying your light tower. Wanco's proprietary LED fixtures are the brightest available on any portable light tower, with long life and instant-on functionality among their top features. Wanco's metal halide fixtures feature high-intensity parabolic reflectors that increase illumination.

To see or order the Wanco Mine-Spec Light Towers, call **800.972.0755** or visit [wanco.com](http://wanco.com).



## Brief specifications

### Physical

Deployed footprint	135 × 133 in. (344 × 337cm), L × W
Operating height	Max. 30 ft (9.14m) Min. 8.75 ft (2.67m)
Travel height	105 in (267cm)
Weight	Operating Approx. 2525 lb (1145kg) Shipping Approx. 2150 lb (975kg)

### Lights

	480-watt LEDs	350-watt LEDs	Metal halides
Lamps*	Four 480W fixtures	Four 350W fixtures	Four 1000W lamps
Luminosity**	57,800 lm per fixture 231,200 lm total	49,000 lm per fixture 196,000 lm total	110,000 lm per lamp 440,000 lm total

### Power system

Engine type	Tier 4 Final diesel, 3-cylinder, 4-cycle
Engine speed*	1800 rpm @ 60 Hz or 1500 rpm @ 50 Hz
Generator type	Brushless, class H
Sound level	71 dB @ 23 ft (7m) at max. load
Battery	12Vdc, 550 CCA

	Kubota® D1005	Mitsubishi® L3E	Kohler® KD1003
Maximum power output*	13.1 hp (9.8 kW)	12.2 hp (9.1 kW)	12.4 hp (9.1 kW)
Displacement*	61.08 in <sup>3</sup> (1001cm <sup>3</sup> )	58.09 in <sup>3</sup> (952cm <sup>3</sup> )	62.7 in <sup>3</sup> (1028cm <sup>3</sup> )
Fuel tank capacity	50 gal (204L)	50 gal (204L)	50 gal (204L)

	480-watt LEDs	350-watt LEDs	Metal halides
Fuel consumption*	0.31 gal/hr (1.17L/h)	0.25 gal/hr (0.096L/h)	0.49 gal/hr (1.86L/h)
Runtime before refueling*	Approx. 161 hrs	Approx. 200 hrs	Approx. 102 hrs

### Output power

Output*	6 kW or 8 kW
Voltage*	120 Vac or 240 Vac
Amperage	50 A @ 120V, 25 A @ 240V
Frequency*	60 Hz or 50 Hz
Voltage regulation	±6%, no load to full load

\*Depending on model \*\*Continuous intensity for LEDs, initial intensity for metal halides



**WANCO INC.**  
5870 Tennyson Street  
Arvada, Colorado 80003 USA  
800-972-0755  
303-427-5700  
303-427-5725 fax  
[www.wanco.com](http://www.wanco.com)

Due to Wanco's commitment to continuous improvement of our products, all information is subject to change without notice. Wanco and the Wanco logo are registered trademarks of Wanco Inc. All other trademarks are property of their respective owners.

©2019 Wanco Inc. All rights reserved. Printed in the USA. | WPB0077 November 2019

Printed on recycled paper