

Mine-Spec Light Towers

LED/Metal Halide



Developed by the mining industry for the mining industry

- Highly efficient and large fuel tank for longer run time
- Integrated safety features
- DSE automatic dusk-to-dawn controller
- Cold-start system prevents cold-soaking
- Large usable internal storage space

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, preventing 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. 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 and 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, and 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**.



Brief specifications

Physical

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

Lights

	350-watt LEDs	480-watt LEDs	Metal halides
Lamps*	Four 350W fixtures	Four 480W fixtures	Four 1000W lamps
Luminous flux*†	56,778 lm per fixture 227,112 lm total	74,529 lm per fixture 298,116 lm total	86,850 lm per lamp 347,400 lm total

Power system

Engine type	Tier 4 Final diesel, 3-cylinder, 4-cycle, liquid cooled		
Engine speed*	1800 rpm @ 60 Hz or 1500 rpm @ 50 Hz		
Generator type	Brushless, class H		
Sound level	68 dB @ 23 ft (7m) at max. load		
Start battery	AGM 12Vdc, 575 CCA		

	Mitsubishi® L3E	Kubota® D1005	Kubota® D1105
Maximum power output*	12.2 hp (9.1 kW)	13.1 hp (9.8 kW)	15.4 hp (11.5 kW)
Displacement*	58.09 in ³ (952 cm ³)	61.08 in ³ (1001 cm ³)	68.53 in ³ (1123 cm ³)
Fuel tank capacity	50 gal (114 L)	50 gal (114 L)	50 gal (114 L)

	350-watt LEDs	480-watt LEDs	Metal halides
Fuel consumption*	0.25 gal/hr (0.946 L/h)	0.31 gal/hr (1.17 L/h)	0.49 gal/hr (1.86 L/h)
Runtime before refueling*	Approx. 200 hrs	Approx. 160 hrs	Approx. 100 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 †Initial intensity



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