

Laydown Light Towers

KLT-8000 LED
LED lights/Manual mast



Robust and reliable with unique features for enhanced performance

- High-output light fixtures
- Telescoping tower rotates nearly 360 degrees
- Multiple low-speed engine options
- Heavy gauge all-steel body
- Unobstructed engine accessibility

Not just another light tower, Brighter Laydown Light Towers use state-of-the-art technology for superior illumination, shining a uniform light pattern across the entire job site and exceeding government regulations for worksite illumination.

For fast job-site setup and less downtime, each light fixture can be aimed independently without the use of tools—and the fixtures stay in place once positioned. Choose either LED or metal halide lights when specifying your light tower. Brighter proprietary LED fixtures are the brightest available on any portable light tower, and Brighter's metal halide fixtures feature high-intensity parabolic reflectors that increase illumination. Balloon lights are also available.

The telescoping tower stows securely in a travel cradle when it is horizontal, then extends vertically to 30 feet when deployed. While upright, the tower rotates nearly 360 degrees and the lights operate at any height, eliminating the need to move the trailer frequently. Two winches raise and extend the tower easily. Manual winches are standard and power winches are optional.

A choice of industrial diesel engines and four-pole generators ensure reliable performance. The high-efficiency engine and 30-gallon fuel tank provide extended run times between refuelings—up to 120 hours with Brighter's exclusive LED light fixtures. Performance enhancing options include an automated dusk-to-dawn start/stop system and cold-weather start package.

For system maintenance, Brighter's exclusive hinged top panel provides unimpeded access to the engine, generator and electrical components. The equipment bay is a rugged all-steel cabinet with gull-wing doors that can be locked closed to protect against unauthorized access.

Brighter Laydown Light Towers boast trouble-free performance and exceptional longevity—hallmarks of the Brighter brand.

Brief specifications

Physical

Deployed footprint	127 × 112 in. (321 × 285 cm), L × W	
Operating height	Max. 30 ft (9.14m) Min. 12½ ft (3.81m)	
Travel height	66 in (168cm)	
Weight	Operating	Approx. 1800 lb (815kg)
	Shipping	Approx. 1550 lb (703kg)

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	12 Vdc, 550 CCA		

	Kubota® D1005	Mitsubishi® L3E	Kohler® KD1003
Maximum power output*	13.1 hp (9.8 kW)	15.4 hp (11.5 kW)	23.7 hp (17.7 kW)
Displacement*	61.08 in³ (1001cm³)	68.53 in³ (1123cm³)	62.7 in³ (1028cm³)
Fuel tank capacity	30 gal (114L)	30 gal (114L)	30 gal (114L)
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. 97 hrs	Approx. 120 hrs	Approx. 62 hrs

Output power

Output*	6 kW or 8 kW
Voltage*	120 Vac or 240 Vac
Amperage	50 A @ 120 V, 25 A @ 240 V
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



To see or order KLT-8000 LED light tower, call **86.0591.22071372** or visit **worldbrighter.com**



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