

Specifications* of the 12kW HMI Lunar Lighting Tower®

Dimensions

Length	4,1770 mm (13.7 feet)
Width	1,930 mm 6.3 feet)
Height	2,210 mm (7.3 feet) (mast at stowing position)
Height	10,000 mm (33 feet) (mast fully extended)
Weight	1,900kg (4,180 pounds)
Transport	Tilt tray or Hi Ab
Towing	Pintle hook (Ring pull) hitch

Power

Rating	17.0 kilowatts at 1500 RPM. We are using 10.8 kilowatts. 64% of available kilowatts The engine is rated at Power - 1 x 100A single phase
Fuel Consumption	2.2 Litre (0.58 gallons) per hour on full load 2.0 Litres (0.53 gallons) per hour at 74% load
Fuel tank capacity	250 Litres (64 gallons)
Approx. running time	120 hours continuous run time

Generator

Prime power	Rated at 18.0 KVA single phase and we are using 12.34 KVA. 68.56% of available KVA.
Voltage/frequency	
Overload protection	Mains circuit breaker, main thermal circuit breaker and earth leakage Residual Current Device

Light Source

Globe	1 x 12,000W, HMI Hot restrike
Lumens	1.5 million lumens from a single globe
Light direction	360° diffused 180° optional
Lux level	Up to 15 times the lux level of conventional lighting towers
Temperature	Natural daylight colour temperature of 6000 degrees Kelvin

Lighting Tower

Mast height	10 metres
Wheels	Toyota Landcruiser 5 stud series wheels
Hydraulics	12V DC Hydraulic stabilisers (outriggers) Fully hydraulic with push button controls
Suspension	Hexagonal rubber suspension (Torsion Bar)
Sound rating	Silenced body panelling – 82 DBA @ 1 metre
Tower type	Hydraulic (4 stage cable extending)

***may be subject to change at any time**