

# Specification Sheet

## 6000 Watt Lighting Towers



The HILITE Light Towers have been designed after consultation with the hire companies, their clients and the mining industry using readily available components and materials for ease of repair and low cost of maintenance.

The HILITE range of lighting towers has a proven track record with there extensive use throughout construction sites in Indonesia and various site applications throughout Australia. In fact, the very first unit built in 1992 is still in use today.



With the unit's durability and reliability, the HILITE range keeps attributing to its own success. It has the history of a proven track star in its field.

The HILITE range is available in 4000, 4500, 6000, 8000 , and 9000 watts configurations.

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*Proudly Australian owned and manufactured.*

	Category	LT-6000-YS	LT-6000-YS-EH	LT-6000-KS	LT-6000-KS-EH
POWER SOURCE	Engine *	Yanmar 3TNV82A	Yanmar 3TNV82A	Kubota D1403/V1505	Kubota 1403/V1505
	Cylinders	4	4	3/4	3/4
	Fuel	Diesel	Diesel	Diesel	Diesel
	Starter	Electric	Electric	Electric	Electric
	Engine Speed	1500 rpm	1500 rpm	1500 rpm	1500 rpm
	kW at rated speed	11.0 kW	11.0 kW	10.7 kW/11.1 kW	10.7 kW/11.1 kW
	Fuel Capacity	120 litres	120 litres	120 litres	120 litres
	Fuel Usage (full load)	2.5 litres per hour	2.5 litres per hour	2.5 litres per hour	2.5 litres per hour
	Running Time per tank	approx 48 hrs	approx 48 hrs	approx 48 hrs	approx 48 hrs
	Generator #	Stamford BCI164C	Stamford BCI164C	Stamford BCI164C	Stamford BCI164C
	Output	7.8 kVA @ 240V 13.5 kVA @ 415V	7.8 kVA @ 240V 13.5 kVA @ 415V	7.8 kVA @ 240V 13.5 kVA @ 415V	7.8 kVA @ 240V 13.5 kVA @ 415V
	Frequency	50 Hz	50 Hz	50 Hz	50 Hz
	Voltage	240 V	240 V	240 V	240 V
LIGHTSS	Light Head	Sylvania	Sylvania	Sylvania	Sylvania
	Light Type	Metal Halide	Metal Halide	Metal Halide	Metal Halide
	Watts/Lumens per light	1.5 kW/150K	1.5 kW/150K	1.5 kW/150K	1.5 kW/150K
	Number of Lights	4	4	4	4
	Total Output (Watts/Lumens)	6.0 kW/580,000	6.0 kW/580,000	6.0 kW/580,000	6.0 kW/580,000
DIMENSIONS	Towing Drawbar	Retractable	Retractable	Retractable	Retractable
	Length—transport mode	2500mm	3630mm	2500mm	3630mm
	Width—transport mode	1830mm	2150mm	1830mm	2150mm
	Height—transport mode	2655mm	2610mm	2655mm	2610mm
MAST PROPERTIES	Mast	3 stage hydraulic	3 stage hydraulic	3 stage hydraulic	3 stage hydraulic
	Hydraulic Power Pack	12VDC Single acting	12VDC Single acting	12VDC Single acting	12VDC Single acting
	Mast Height—fully extended	9.0 mtrs (nominal)	12.0 mtrs (nominal)	9.0 mtrs (nominal)	12.0 mtrs (nominal)
	Light Head rotation—type	Mechanical	Mechanical	Mechanical	Mechanical
	Light Head rotation—degrees	355	355	355	355
	Light Head tilt—type (optional)	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical	Electro-Mechanical
	Light Head tilt—degrees	45	45	45	45
MISCELLANEOUS	Engine Protection Shutdown	First-Out or Murphy	First-Out or Murphy	First-Out or Murphy	First-Out or Murphy
	Wheels/Tyres	14" Ford 650-14	14" Ford 650-14	14" Ford 650-14	14" Ford 650-14
	Wheels/Tyres—Optional	16" Landcruiser 700-16	16" Landcruiser 700-16	16" Landcruiser 700-16	16" Landcruiser 700-16
	Weight	1380 kg	1480 kg	1380 kg	1480 kg
	Brakes	9" Drum mechanical override with park	9" Drum mechanical override with park	9" Drum mechanical override with park	9" Drum mechanical override with park
	Noise Levels (at 1 metre)	—	—	80 dBA	80 dBA
	Noise Levels—optional silent pac	—	—	75 dBA	75 dBA

\* - Specifications for diesel engines may be substituted for an similar configured diesel from the same manufacturer, subject to availability.

# - Specifications above indicate Stamford generators, but these may be substituted for a Leroy Somer equivalent, subject to availability.

Note, every effort has been made to ensure information within this document is correct at time of publishing. Information is subject to change without notice.