

Specification Sheet

4500 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.

Postal:
PO Box 6012
Minto Business Centre, NSW 2566

Factory:
Unit 3-4 / 11 Swaffham Road
Minto, NSW 2566

Phone: +61 2 9820 1558
Fax: +61 2 9820 2995
E-mail: sales@aev-hilite.com.au



Proudly Australian owned and manufactured.

Category		LT-4500-YG	LT-4500-YS	LT-4500-KS
POWER SOURCE	Engine *	Yanmar 3TNV76	Yanmar 3TNV76	Kubota D905
	Cylinders	4	4	3
	Fuel	Diesel	Diesel	Diesel
	Starter	Electric	Electric	Electric
	Engine Speed	1500 rpm	1500 rpm	1500 rpm
	kW at rated speed	9.0 kW	9.0 kW	7 kW
	Fuel Capacity	120 litres	120 litres	120 litres
	Fuel Usage (full load)	3.2 litres per hour	3.2 litres per hour	2 litres per hour
	Running Time per tank	approx 38 hrs	approx 38 hrs	approx 60 hrs
	Generator #	Stamford BCI164B	Stamford BCI164B	Stamford BCI164B
	Output	6.4 kVA	6.4 kVA	6.4 kVA
	Frequency	50 Hz	50 Hz	50 Hz
	Voltage	240 V	240 V	240 V
LIGHTS	Light Head	GEC	Sylvania	Sylvania
	Light Type	Metal Halide	Metal Halide	Metal Halide
	Watts/Lumens per light	1.5 kW/150K	1.5 kW/150K	1.5 kW/150K
	Number of Lights	3	3	3
	Total Output (Watts/Lumens)	4.5 kW/450,000	4.5 kW/450,000	4.5 kW/450,000
DIMENSIONS	Towing Drawbar	Fixed	Fixed	Fixed
	Length—transport mode	3630mm	3630mm	3630mm
	Width—transport mode	2150mm	2150mm	2150mm
	Height—transport mode	2610mm	2610mm	2610mm
MAST PROPERTIES	Mast	1 stage hydraulic	1 stage hydraulic	1 stage hydraulic
	Hydraulic Power Pack	12VDC Single acting	12VDC Single acting	12VDC Single acting
	Mast Height—fully extended	9.0 mtrs (nominal)	9.0 mtrs (nominal)	9.0 mtrs (nominal)
	Light Head rotation—type	Mechanical	Mechanical	Mechanical
	Light Head rotation—degrees	180	180	180
	Light Head tilt—type (optional)	Mechanical	Mechanical	Mechanical
	Light Head tilt—degrees	45	45	45
MISCELLANEOUS	Engine Protection Shutdown	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
	Wheels/Tyres—Optional	16" Landcruiser 700-16	16" Landcruiser 700-16	16" Landcruiser 700-16
	Weight	1350 kg	1350 kg	1350 kg
	Brakes	9" Drum mechanical override with park	9" Drum mechanical override with park	9" Drum mechanical override with park
	Noise Levels (at 1 metre)	—	—	79 dBA
	Noise Levels—optional silent pac	—	—	74 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.