



LIGHTING TOWER

RL8-1B

Engine LOMBARDINI, LDW 1003
Alternator MECCALTE , LT3 E

STANDARD FEATURES

- A telescopic tower 9 metres high
- Manual deployment of the tower
- Adjustable tower on 360°
- 230 V auxiliary socket
- Autonomy 60 hrs
- 4 x 1000 watts metal iodide headlamps
- 1 switch per light
- Adjustable & retractable stabilizing jacks
- MODYS control panel
- Work site trailer



Voltage	Power ESP kWe/kVA	Power PRP kWe/kVA	Standby Amps	Weight
230 MONO	7.2/ 9	6.5 / 8.1	18/22.6	700kg Net

POWER DEFINITION

PRP : Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1.

ESP : The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed.

TERM OF USE

Standard reference conditions (**PRP/ESP**) 25 °C/25 °C Air Intlet Temp, 100 m/100 m (**PRP/ESP**) A.S.L. 60 % relative humidity.

dB(A)@1m	dB(A)@7m	Mast dimensions (folded/extended)	Tank
78.4	68.4	Long: 4500 mm Larg: 1200 mm Haut: 1700/9000 mm	115 L

PROJECTORS

Type	Number	Power	Light	kW needed
Metal halide	4	4000 We	300 000 lumens	4 kW



ENGINE SPECIFICATIONS

STANDARD FEATURES	Manufacturer / Model	Lombardini, 4-temps, Athmo , 3 X
	Cylinder Arrangement	L
	Displacement	1028 cm ³
	Bore and Stroke	77,6 mm X 75 mm
	Compression ratio	22.8 : 1
	Rated RPM	1500 Rpm
	Piston Speed	3.9m/s
	Max. stand by Power at rated RPM	7.2 kW
	Governor : type	MECA
FUEL SYSTEM	75% (of the Prime Power)	1.7L/h
OIL SYSTEM	Total oil capacity w/filters	2.4L [0.52gal]
	Oil Pressure low idle	1.5bar [21.75psi]
	Oil capacity carter	2.4L [0.52gal]
COOLANT SYSTEM	Radiator & engine capacity	4.7L [gal]

ALTERNATOR SPECIFICATIONS

GENERAL DATAS	Manufacturer / Type	MECC ALTE LT3 E
	Number of phase	1
	Power factor (Cos Phi)	1
	Altitude	1000
	Overspeed	1500rpm
	Pole : number	4
	Exciter type	Compound
	Insulation : class, temperature rise	H / H
	Voltage regulator	NO
	Bearing : number	1
OTHER	Coupling	Direct
OTHER DATAS	Continuous nominal rating @ 40°C	6 kVA
	Efficiencies @ 4/4 load	77.5%
	Air flow	2.9m3/mn

MODYS CONTROL PANEL

