



JCB LIGHTING TOWER TECHNICAL SPECIFICATIONS

LT9

FEATURES

- 9m hydraulically activated mast extends to full height in 13 seconds and provides 360,000 Lumens of light
- Mast rotates through 360 degrees and each head can be independently tilted to provide light wherever it is required. Four stabilizer legs give excellent stability to the unit.
- Compact and road towable for maximum transportability; includes integrated road lights
- Fork pockets at the rear end and single point lift for easy transport.
- Large opening rear door, for excellent service access. Two electrical output auxiliaries and one input maximizes flexibility of use.



ELECTRICAL PERFORMANCE		
FREQUENCY	VOLTAGE	PRIME
50Hz 1Ph	230v	6.4kVA / 6.4kW
Rated Speed	1500RPM - 50Hz	
Circuit Breaker	3 pole (inc Earth)	
Power Factor	1.0 - single phase	
Lamp type	4x 1000W, metal Halide IP65 rated	
Lamp power	360,000 Lumens total	
Auxiliary power	2 off 16A CEE sockets	
Auxiliary input	32A CEE plug allowing lights to be run from external source.	



Prime: This rating is for the supply of continuous electrical power, at variable load, in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% over load power can be supplied for 1 hour in 12.

ALTERNATOR		
Poles		4 pole
Insulation		Class H
Enclosure		IP23
Voltage regulator		AVR

ENGINE		
Rated speed	rpm	1500
Output Rating	kW	7.5
Manufacturer and model		Yanmar 3TNV76 -GGEH
Fuel		Diesel
Injection		Direct
Aspiration		Natural
Cylinders		3
Cooling		Water
Air Filter		Dry
Engine battery system	v	12
Battery capacity	Ah	66
Starter motor power	kW	1.1

FUEL SYSTEM		
Fuel Tank Capacity	l	100
Max fuel Consumption (100% load)	l/h	2.62
Fuel consumption to operate lights	l/h	1.9
Full tank duration running lights	h	52

WEIGHT AND DIMENSIONS - IN USE		
Length	mm	2330
Width	mm	2450
Height	mm	9000
Sound power (LwA)	dB(A)	87
Noise level @ 7m	dB(A)	62 (approx.)
Mast raise to full height	S	13
Mast lower to travel	S	25
Maximum operational wind speed	kmh	80
Bund		120% of engine fluids



WEIGHT AND DIMENSIONS - TRANSPORT		
Length	mm	2330
Width	mm	1273
Height	mm	2280
Weight – without fuel	Kg	911

LIGHTING TOWER FEATURES	STANDARD	OPTIONAL
ENGINE		
Cooling Pack	•	x
Mechanical Governor	•	x
High coolant shut down	•	x
Low Oil Pressure shut down	•	x
Radiator and hot component Guards	•	x
Remote oil drain pump	•	x
ELECTRICS		
AVR controlled Alternator	•	x
Main Circuit Breaker	•	x
Individual Lamp Breakers	•	x
2x CEE 16A sockets	•	x
1x CEE 32A input plug	•	x
Preparation for Earth Spike	•	x
Digital control panel	•	x
External Emergency Stop Button	•	x
External Battery Isolator	x	•
TOWER		
Hand brake interlock to lower mast	•	x
360 degree manual rotation with lock	•	x
Remote operated light angle adjuster	x	•
Level indicator gauge	•	x
Timer control of lights	x	•
Solar cell control of lights	x	•
TRAILER		
165R13 tyres	•	x
165R14 tyres	x	•
4 Stabilizers	•	x
Heavy Duty stabilizers	x	•
Heavy Duty Jockey Wheel	x	•
Fork pockets and lifting eye	•	x
Hydraulically raised 9 section mast	•	x
Integrated trailer lights	•	x
Ball type tow hitch	•	x
Eye type tow hitch	x	•
Swan neck tow bar	x	•