



# JCB LIGHTING TOWER TECHNICAL SPECIFICATIONS

## LT9 - LED

### FEATURES



Six 240W LED lamps provide up to 180,000 Lumens of clear bright light

1.1litre engine running at 1500rpm provides quiet, dependable power

Up to 5kW of auxiliary power from an AVR controlled alternator via two sockets; even with all the LED's lit the output is not affected

Electrical input plug allows unit to be remotely powered for use indoors or in noise sensitive areas

High specification as standard including programmable timer, heavy duty stabilisers and jockey wheel

Large opening rear door, for excellent service access to the engine and alternator.

### ELECTRICAL PERFORMANCE

FREQUENCY	VOLTAGE	PRIME
50Hz 1 Ph	230v	6.4kVA / 6.4kW
Rated Speed	1500rpm - 50Hz	
Circuit Breaker	3 pole (inc Earth)	
Power Factor	1.0 - single phase	
Lamp type	6 x 240W LED type IP65 rated	
Lamp power	180,000 Lumens total	
Auxiliary power	2 x 16A CEE sockets	
Auxiliary input	32A CEE plug allowing unit 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% overload power can be supplied for 1 hour in 12.

ALTERNATOR		
Poles	4 pole	
Insulation	Class H	
Enclosure	IP23	
Voltage regulator	AVR giving smooth output for sockets	

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	1.05
Full tank duration running lights	h	95

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	Sec	13
Mast lower to travel	Sec	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	950

LIGHTING TOWER FEATURES	STANDARD	OPTIONAL
<b>ENGINE</b>		
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
<b>ELECTRICS</b>		
AVR controlled Alternator	•	x
Main Circuit Breaker	•	x
Lamp Circuit Breakers	•	x
2 x CEE 16A sockets	•	x
1 x CEE 32A input plug	•	x
Preparation for Earth Spike	•	x
Digital control panel	•	x
External Emergency Stop Button	•	x
External Battery Isolator	x	•
<b>TOWER</b>		
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	•
<b>TRAILER</b>		
165R13 tyres	•	x
165R14 tyres	x	•
4 Stabilisers	•	x
Heavy Duty stabilisers	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	•