

 **SPICON**

**LIGHT MAST**

**India's 1st CPCB II  
Compliant Light Tower**



SPECIFICATION	5 kVA		7.5 kVA		15 kVA			
	Standard		Standard	Hybrid	Hybrid	Standard	Maxilite	Weldgen
<b>GENERATOR DETAILS</b>								
No. of Phase	1 Phase		1 Phase		3 Phase			3 Phase
Power Rating	4 kWe		6 kWe			12kWe		
Output Voltage	230				415			
Frequency	50 HZ							
<b>ENGINE DETAILS</b>								
Make	Mahindra		Cummins					
Model	KD441-GSI2		X1. 3 TAA-G1					
Rated RPM	3000 RPM		1500 RPM					
Engine Type	Air Cooled		Diesel 4 Stroke					
No. of Cylinder	1, In Line		2, In Line					
Fuel Tank Capacity	15		56			59		
Fuel Consumption with 6Nos. light			0.6 Ltr/Hour*		1.6 Ltr/Hour*			
Starting System	12 V DC							
Oil Change Period	250 Hrs First Service & 500 Hrs/1 Year							
<b>ALTERNATOR DETAILS</b>								
Make	NSM		Stamford					
Alternator Frame	—		PT044FI		PI044D		PT044G	
Alternator Enclosure	IP23							
Rated Voltage	230 V				415 V			
Alternator Insulation	H Class							
<b>BODY</b>								
Type	Acoustic Enclosure							
Suspension	Leaf Spring							
No. of Tyres	2 Nos							
Fire Extinguisher	1 Nos.							
<b>MAST CHARACTERISTICS</b>								
Type	MS POWDER COATED							
Extended Height	7 M		9M / 7 M					
No. of Telescopic Section	6 Nos.				3 Nos.			
Wind Speed Stability	110 Km/hr.		120Km/hr					
Rotation of Mast	320° Rotation		360° Rotation					
<b>LIGHTING</b>								
Lights	200 W LED Flood Lights							
No. of Lights	6 Nos.				4 Nos.			
Coverage Area (avg. 15 Lux.)	Upto 3000 sq. Mtrs				Upto 4500 sq. Mtrs			
Designed life for Light fitting	50000 Hrs							
Light Power Source	Gen set 230V		Inverter/ DG Powered/ External Supply					
Rotation of Lights	360° Rotation							
<b>WEIGHT &amp; DIMENSIONS</b>								
L X W X H mm (Overall)	2300 X 1050 X 2400		3300 X 1650 X 3000		3500 X 1650 X 3000		3700 X 1800 X 3200	
Weight	650		1350		1400		1550	

\* Fuel consumption on Hybrid mode.

# Terms & Condition Apply. # Specification are subject to change without any prior notice.

## USP OF PERFECT LIGHT TOWER

### LONG DURABILITY

LED, More Than  
50000 Hrs



### QUIET OPERATION

75 dB(A)  
as per CPCB II



### MAX COVERAGE

More Coverage  
Perfect Light

### ON SITE SERVICE

Pan India  
On Site Service



## LIGHT TOWER APPLICATIONS & USAGES



Tunnels



Mining



Infrastructure Projects



Highway



Metro



Steel Plants



Cement Factories



Defense



Construction



Dockyards



Railway



Airport



Power Plant



Refinery

 **SPICON**

World of Solutions...

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