Chicago Pneumatic

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Designed for you!

Light tower

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Features and benefits

Metal halide lamps

The metal halide lamp technology is one of the most efficient ways of turning electrical energy into light. It requires less power, produces more light and provides the ideal lighting for working, sport and event areas. The expected lifetime of a metal halide lamp in a normal operation is very long, and the failure ratio is the lowest of all types of lamps.

Proven concept

The new CPLT is based on a successful existing concept that has been used on the market for a long time. It includes a metallic enclosure with wide service doors, an electrical cubicle for control and protection, a mast that will extend vertically up to 31 ft and that can be rotated 360°, stabilization legs and an on-road undercarriage. The CPLT Light Tower is easy to operate and extremely light and manoeuvrable, making it very simple to position at the desired location for optimal work area lighting.

Technical Data

Construction	
Trailer	MIG welded, unibody-style, four point leveling system
Finish	Oven-baked powder coating
Tow hitch	2 inch ball
Tires	ST175/80 D13

Lights	
Lamps	Four metal halide
Wattage	1000 W per lamp
Luminosity	0.5 fc @ 7.5 acres (5.4 lm/m² @ 30,400 m²)

Output power	60 Hz	50 Hz
Output	6 kW	6 kW
Voltage	120 V	220 V
Amperage	25 A @ 120 V	25 A @ 120 V
Voltage regulation	±5%, no load to full load	
Receptacles	120v Duplex	220v Universal

Power system	
Engine type	3-cylinder, 4-cycle, liquid-cooled diesel
Engine model	Kohler, Diesel LDW1003
Engine speed	1800 rpm
Engine EPA rating	Tier 4
Generator type	Brushless
Generator insulation	H
Maximum power output	12.1 (9 kW)
Displacement	62.7 cu. in. (1028 cm³)
Sound level at maximum load	71 dB at 23 feet (7m)
Fuel tank capacity	30 gal. (114L)
Fuel consumption	0.88 gal./hr. (4.0L/h) w/ 4kW load
Runtime before refueling	30 to 35 hrs., approx. w/ 4kW load
Battery	12 V dc, 550 CCA

Dimensions (L x W x H) & Weight	
Dimensions (in transport)	182 x 48 x 66 inch
Dimensions (in operation)	132 x 111 x 150 / 372 inch
Weight	1800 lbs

Subject to change without prior notice.

Average lighting versus distance

CPLT	32 ft / 200 Lx	82 ft / 100 Lx	114 ft / 50 Lx

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