

Technical specifications

CPLT

V17 KH US

Frequency: 60 Hz



CPLT V17 for reference

General description

The innovative light tower incorporates state-of-the-art surface mount device (SMD) LED lighting technology to provide excellent performance and efficiency. Operators at construction sites, events, mines, emergency applications and rental companies will be able to reduce their carbon footprint and operating costs while improving sustainability levels, with 20% more Light coverage than COB LED type.

Combining the use of a low-consumption diesel engine, the new CPLT V17 light tower offers users maximum efficiency setting to make the most of the energy available.

TECHNICAL INFORMATION

Reference conditions		
Absolute inlet pressure	bar	1
Relative humidity	%	30
Air inlet temperature	°C	25
Performance data		
Light Coverage (2 ft-c avg)	ft ²	79,222
Light Coverage (min 0.5 ft-c)	ft ²	45,800
Rated Frequency	Hz	60
Rated voltage	Vac	120
Power output	kW	2.4
Operating temperature (min/max)	°F	14 / 120
Altitude capability	ft	11,483
Relative air humidity maximum	%	85
Maximum sound power level (LWA)**	db(A)	90
Sound pressure level (LpA) at 23 ft	db(A)	68
Fuel tank capacity	gal	26
Oil service interval	h	250
Mast height	ft	24
Mast type / rotation		Manual / 340°
Wind speed stability***	mph	68
Fuel consumption at all floodlights ON	gal/h	0.24
Fuel autonomy at all floodlights ON	h	105

**Complies with 2000/14/EC

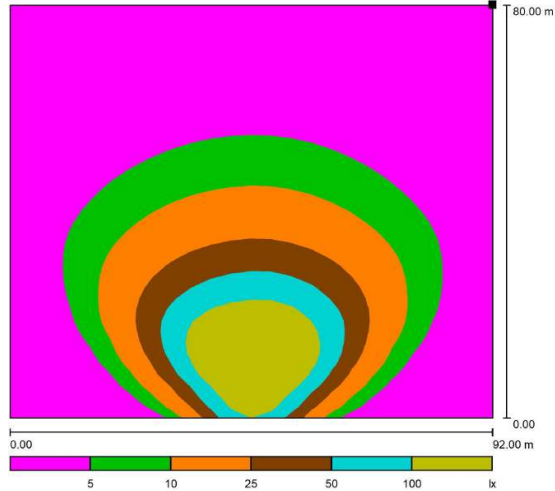
***Consult Chicago Pneumatic for conditions reference.

Chicago Pneumatic will keep the rights to change any data when necessary due to any reason.

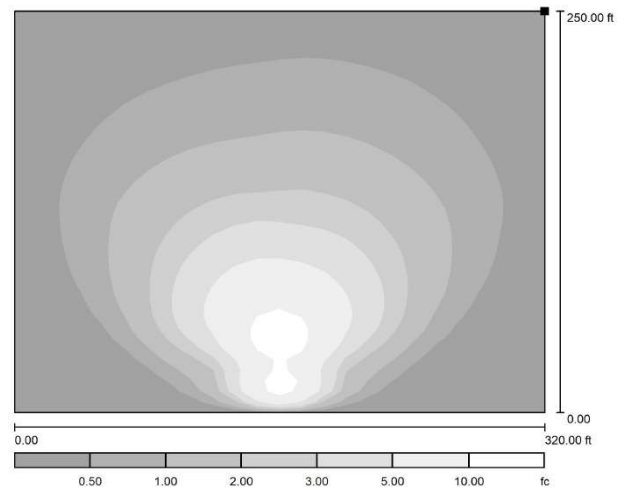
Canopy		
Canopy		RedRock
Type		Undercarriage
Engine		
Brand and Model		Kohler KDW702
Speed	rpm	1,800
Rated net output (PRP)	kW	6
Coolant system		Coolant
Aspiration / Combustion system		Natural / Direct Injection
Number of cylinders	Cylinder	2
Speed governor		Mechanical
Capacity of oil sump	l	4.7
Capacity of cooling system	l	1.1
Electrical system	Vdc	12
Emission stage		Tier 4f
Alternator		
Brand and Model		ACA132BL
Rated output	kVA	4
Protection degree		IP23
Insulation class		H
Number of wires	Wires	4

Lamps

Number of lights	Unit	4
Technology		SMD LED
Floodlight power	W	350
Total Lumen	lm	225,600



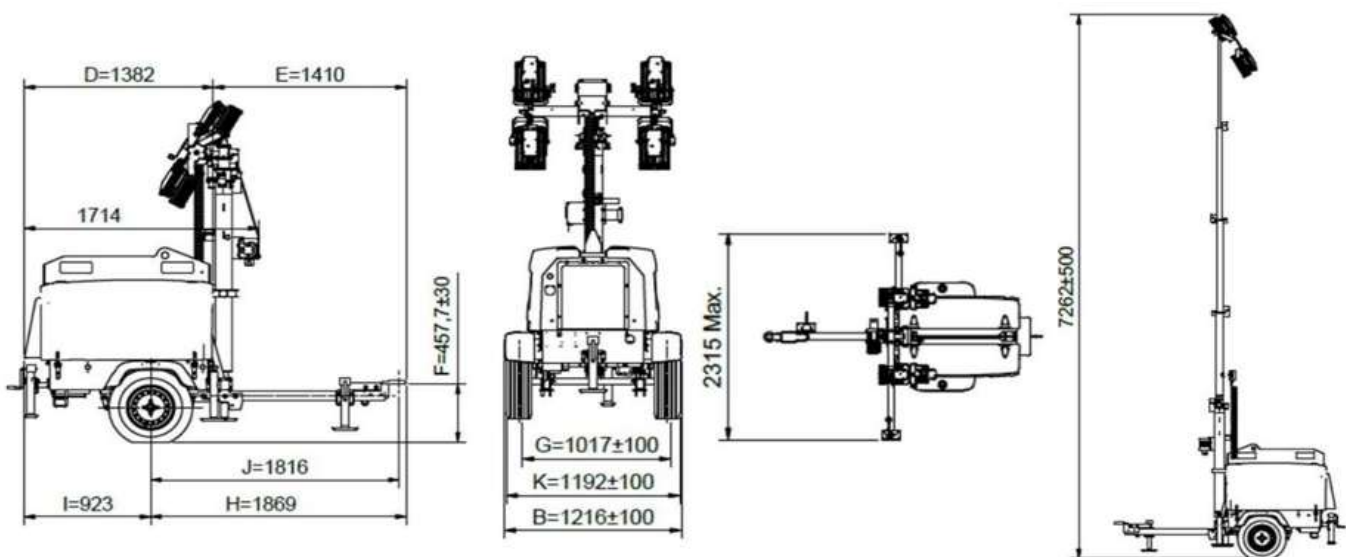
79,222 ft² avg 2 ft-c



45,800 ft² min 0.5 ft-c

Dimension and weight

Length x Width x Height in transport mode	in	75 x 48 x 91
Length x Width x Height in operation mode	in	110 x 91 x 305
Weight (dry / wet)	lbs	1548 / 1755



Mechanical Options
Spark Arrestor
Towing hitch combo
Towing hitch ball coupling 2 inch
Towing hitch ring 2.5 inch
Adjustable towing support
Electrical Options
Cubicle ELCB with universal socket 230V 50Hz 240V 60Hz
Cubicle ELCB without socket
Cubicle with universal socket 230V 50Hz 240V 60Hz
Road light system
E-Stop
Earth pin
Battery isolator
DC E-winch
Lc1003™