



Chicago
Pneumatic

Light Solutions For Maximum Productivity



**People.
Passion.
Performance.**

**Meet the CPLT Range: Electric,
Solar, and Diesel Light Towers**

Light Up Your Worksite with Chicago Pneumatic Light Towers

Discover the Chicago Pneumatic CPLT range, a complete lineup of light tower solutions designed to fit your unique needs. Built for efficiency, safety, and reliability, our light towers are compact, flexible, and tough enough to handle any job site.

They deliver powerful light, stay easy to move, and maintain peak performance for years, giving you the most out of your investment.

Our advanced LED technology sets a higher standard by combining specialized optics with smart design to maximize light coverage while minimizing waste. Whether you are working on construction sites, outdoor events, mining operations, or remote projects, our CPLT range provides the right light exactly where you need it.

We have also paired our light towers with the Chicago Pneumatic RedRock® Canopy, built from rugged, impact-resistant materials that protect key components without adding unnecessary weight. This means less downtime, longer life, and consistent performance even in the toughest conditions.

When you need durable, efficient, and portable lighting solutions, Chicago Pneumatic CPLT towers are the smart choice for keeping your job sites safe, productive, and illuminated.

APPLICATIONS



ROAD WORKS



CONSTRUCTION



INDUSTRY



EVENTS



RENTAL



PUBLIC



MILITARY



LIGHTING

CPLT E3

Electric Light Tower



The CPLT E3 electric light tower delivers flexible lighting with easy connectivity to any power source, specialized LED optics, and over 40,000 sq. ft. of coverage for construction, events, mining, and more.

Its compact design features a durable 23 ft mast with 65 mph wind stability, allows up to 32 units per truck, and requires virtually no maintenance.

Technical Specifications

Part Number	8170023437	
Light Coverage	ft ²	40,000 (average 12 luxes)
Lamps	LED	
Mast	Vertical manual	
Features	RedRock® Canopy	
Performance Data		
Rated Frequency	Hz	60
Rated voltage input/output	V	120
Operating temperature(min/max)	°F	-4° to 122°
Sound pressure level (LpA) at 23ft	dB(A)	No noise silent
Lights		
Floodlights	LED	
Wattage	W	4 x 160
Mast		
Type	Manual	
Maximum Height	ft	23
Maximum Speed Wind	mph	80
Enclosure and Trailer		
Base Frame	Galvanized	
Enclosure	RedRock® Canopy	
Dimensions & Weight		
Dimensions in transport	in 48 x 32 x 84	
Fix Towbar (LxWxH)	in	48 x 32 x 84
Weight	lbs	608

Features

- Manual vertical mast
- Light coverage averages 12 luxes (40,000 ft²)
- Plug & light
- Emissions free operations
- Transport efficiency 32 ut (53 ft truck)



CPLT V17

Diesel Light Tower



The CPLT V17 includes a RedRock® canopy as standard, which ensures maximum protection of internal parts. This range of light towers is suited for multiple drop rental applications and provides users with a robust and easy-to transport set of lighting options that match any site requirements. Thanks to its compact dimensions, 16 units can be loaded on a 42 ft truck. The extended safety features also guarantee the protection of bulbs during transportation.

Technical Specifications

Part Number	8162105046	
Light Coverage	ft ²	75,000 (average 20 luxes)
Lamps	LED	
Mast	Vertical manual	
Features	RedRock® Canopy	
Performance Data		
Rated Frequency	Hz	60
Rated voltage input/output	V	120
Operating temperature(min/max)	°F	14° to 122°
Sound pressue level (LwA)	dB(A)	86
Sound pressure level (LpA) at 23ft	dB(A)	63
Engine		
Model	Kubota Z482	
Speed	rpm	1,800
Rated net output (PRP)	kW	3
Coolant	Water	
Number of Cylinders	2	
Alternator		
Model	Chicago Pneumatic ACA132B	
Rated Output	kVA	5
Insulation/Enclosure Protection	class/IP	23
Fuel Consumption		
Fuel Tank Capacity	gallon	28
Autonomy	h	145
Power Output		
Auxiliary Power	kW	1
Lights		
Floodlights	LED	
Wattage	W	4 x 350
Mast		
Type	Manual	
Mast Rotation	degrees	350
Maximum Height	ft	25
Maximum Speed Wind	mph	80
Enclosure and Trailer		
Type	Site Trailer with 4 point leveling system	
Base Frame	Spillage free frame	
Enclosure	Gull-wing RedRock® doors	
Dimensions & Weight		
Dimensions in transport	in	66 x 43 x 98
Fix Towbar (LxWxH)		
Weight	lbs	1,544



Features

- Manual vertical mast
- Light coverage averages 20 luxes (75,000 ft²)
- 0.2 g/h
- Spillage free frame
- Service interval - 600 hrs

CPLT MS3

Solar Light Tower



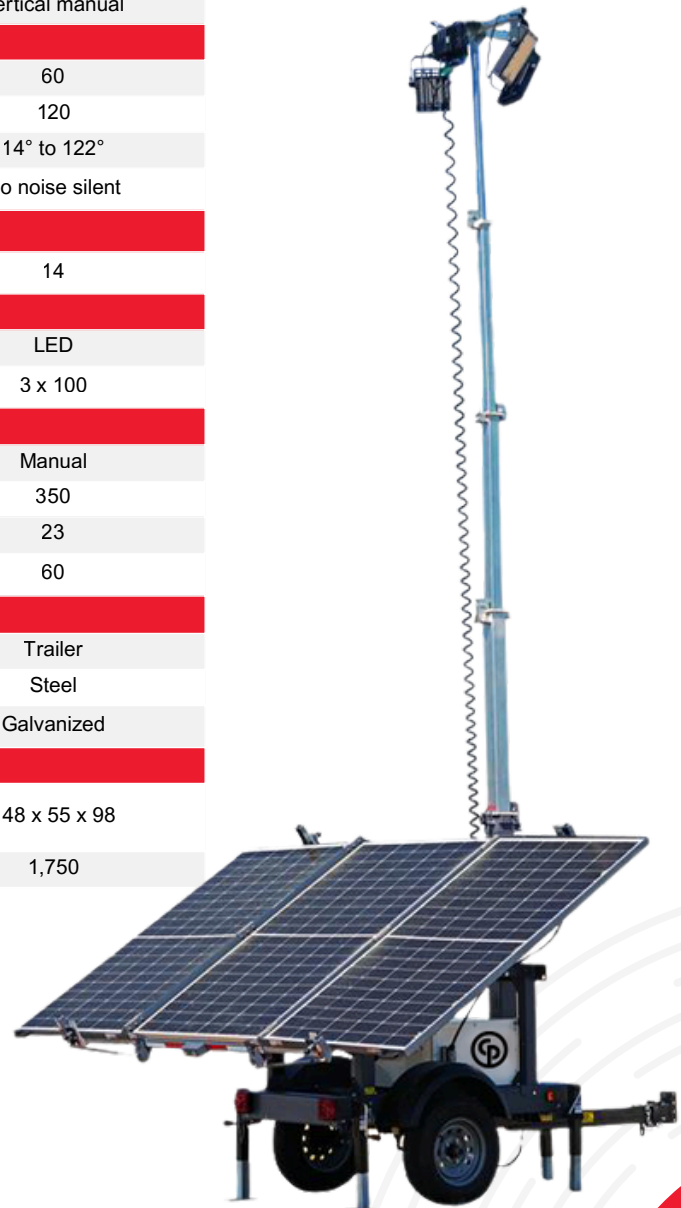
The CPLT MS3 solar light tower delivers efficient, high-performance lighting that gives workers clear visibility in any environment. It allows job sites to maintain productivity while complying with the strictest emission and noise regulations, making it the ideal solution for sensitive or regulated work areas.

Technical Specifications

Part Number	TBD	
Light Coverage	ft ²	32,300 (average 13 luxes)
Lamps	LED	
Mast	Vertical manual	
Performance Data		
Rated Frequency	Hz	60
Rated voltage input/output	V	120
Operating temperature (min/max)	°F	14° to 122°
Sound pressure level (LpA) at 23ft	dB(A)	No noise silent
Fuel Consumption		
Autonomy	h	14
Lights		
Floodlights	LED	
Wattage	W	3 x 100
Mast		
Type	Manual	
Mast Rotation	degrees	350
Maximum Height	ft	23
Maximum Speed Wind	mph	60
Enclosure and Trailer		
Type	Trailer	
Base Frame	Steel	
Enclosure	Galvanized	
Dimensions & Weight		
Dimensions in transport	in	
Fix Towbar (LxWxH)	in	148 x 55 x 98
Weight	lbs	1,750

Features

- Manual vertical mast
- SMD floodlights
- Minimum maintenance and costs
- Emissions free operations
- Reduced total cost of ownership
- Life span, 50,000 hrs
- Light coverage average 13 luxes (32,300 ft²)



CPLT MS3

Solar Light Tower



Light Coverage

The CPLT MS3 delivers 32,300 ft² of light coverage with an average of 13 luxes.

Connectivity

The CPLT MS3 solar light tower features an external control panel housed with a dedicated control cubicle that provides easy access to the user-friendly ECO Light controller and ECO mode for enhanced performance and efficiency.

Easy Setup and Mobility

The solar light tower is portable, easy to transport, and features solar panels that are simple to set up. Its compact size is due to the unique solar panel design.

Reliability and Recharging Capacity

As the solar panels are placed in parallel, the light tower takes a lower time to recharge with upto 4h recharging time with full sunshine. Batteries can be recharged with an external power source as an option.

Autonomy Efficiency

The solar light tower provides autonomous operation, with up to 14 hours of autonomy on a single charge at full brightness, or up to 24 hours of autonomy with 50% dimming. The efficient lithium batteries and solar panels deliver minimum 14h of autonomy while recharging time is shortened.

CO2 Footprint Reduction

A reliable light source with no fuel consumption or emissions.

SMD Light Technology

The new Surface Mounted Device (SMD) floodlights provide brighter coverage thanks to the unique high lumen LEDs mounted on the new solar light tower. These advanced SMD lights deliver 20,000 lumens for the MS3 model.

CPLT Range



Choose the one that best fits your needs

	Segements	Energy Efficiency	Running Hours	Area Coverage	Easy Movement	Lamps Durability	Service Interval	Transport Efficiency
CPLT MS3	Industry, Events, Construction, Rental, Quarry, Mining	●	●	●	●	●	●	●
CPLT E4	Agriculture, Events, Construction	●	○	○	●	●	●	●
CPLT V17	Rental, Quarry, Mining	●	●	●	●	●	●	●

What's unique about our LED technology?



HEAVY DUTY PROTECTION



MANUAL VERTICAL MAST



INCREDIBLE LIGHT DISTRIBUTION



LIFESPAN 50,000 Hrs



FUEL EFFICIENCY

- LED HiLight tower lamps have an aluminum casting which provides heavy duty protection, even during transportation.
- The specially designed directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers achieve up to 53,820 ft² of light coverage with an average level of 20 luxes.
- LED lamps have a life expectancy of more than 30,000 hours.
- Our LED technology enables us to set the industry benchmark when it comes to fuel efficiency.

CPLT LED Savings Per Year (per unit, compared to a metal halide light tower)



(*) Savings will vary depending on comparison models.



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