



# Chicago Pneumatic



**People.  
Passion.  
Performance.**

**CPLT H5 Light Tower**  
Compact, Heavy-Duty Portable Light

# Work at Night With Reliable Light

From construction work to mining to sporting events and nightlife, the new Chicago Pneumatic CPLT H5 light tower makes it all possible by placing reliable light right where you need it most. Heavy-duty construction makes this compact unit perform in demanding environments. It's easy to use, with a hydraulic mast for quick setup and a special control panel that simplifies operation and maintenance. Plus, the long-lasting metal halide lamps require less power.

**APPLICATIONS:** The CPLT H5 light tower is a versatile solution for construction, mining, and oil and gas industry work sites, as well as public lighting, emergencies, sports and other night events. This unit also offers full CE compliance.



## USER-FRIENDLY CONTROLS

Specifically designed for light towers, the LC 1003 controller allows you to sequence four lighting outputs. Starting lamps one by one helps avoid the risk of lamp failure. Having this independent control panel outside the main cubicle allows the operator to start the machine without any contact with the engine, enhancing safety. In addition, the user-friendly CPLT H5 includes lamp failure detection and a weekly timer that schedules up to 8 lighting events. Key features include an emergency stop and a working mode selector. There's also a 16A IP67 outlet socket.

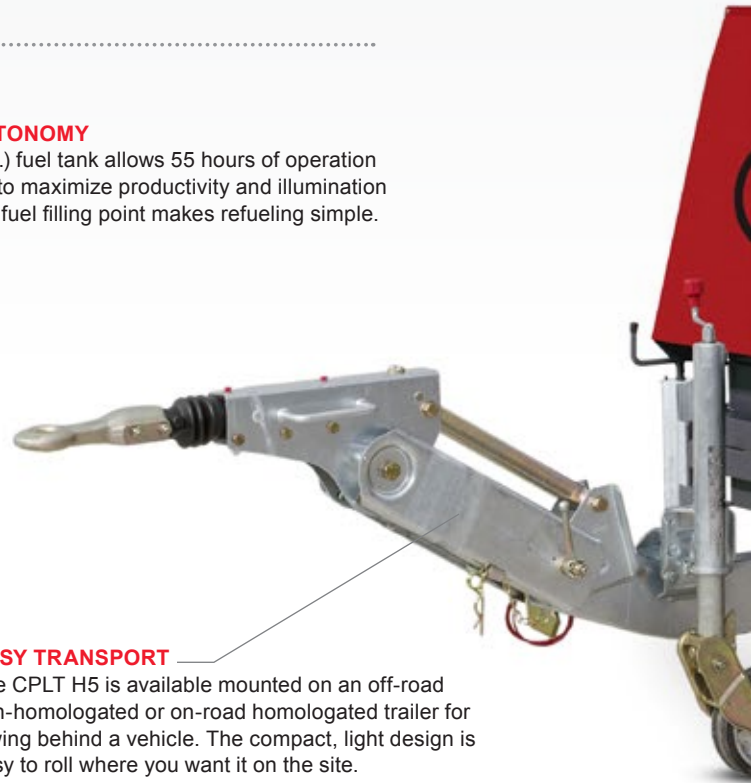
## LONG FUEL AUTONOMY

The 110 L (25 gal.) fuel tank allows 55 hours of operation without refueling to maximize productivity and illumination time. An external fuel filling point makes refueling simple.



## EASY TRANSPORT

The CPLT H5 is available mounted on an off-road non-homologated or on-road homologated trailer for towing behind a vehicle. The compact, light design is easy to roll where you want it on the site.



**BRIGHT, RELIABLE LIGHT**

Metal halide lamp technology requires less power, produces more light and provides the ideal lighting for a range of night applications. The CPLT H5 has four 1,000 W lamps for a total luminosity of 360,000 lumens.

**QUICK LIGHT POSITIONING**

The vertical mast offers excellent stability and hydraulic operation makes it fast and easy to position light where you need it. It extends to a maximum height of 9 m (29.5 ft) and rotates 340°. Four outrigger stabilizers also provide excellent support.

**HEAVY-DUTY CONSTRUCTION**

Rugged features include a heavy-duty canopy, a powerful Kubota engine and a dedicated alternator.

**EASY SERVICE ACCESS**

Canopy doors open wide for complete access to the machine, including service components and drains. A convenient oil draining system is also included.

**SPILLAGE-FREE FRAME**

Environmentally friendly frame design prevents oil, fluids and fuel from leaking out and contaminating the ground.

**AVAILABLE OPTIONS**

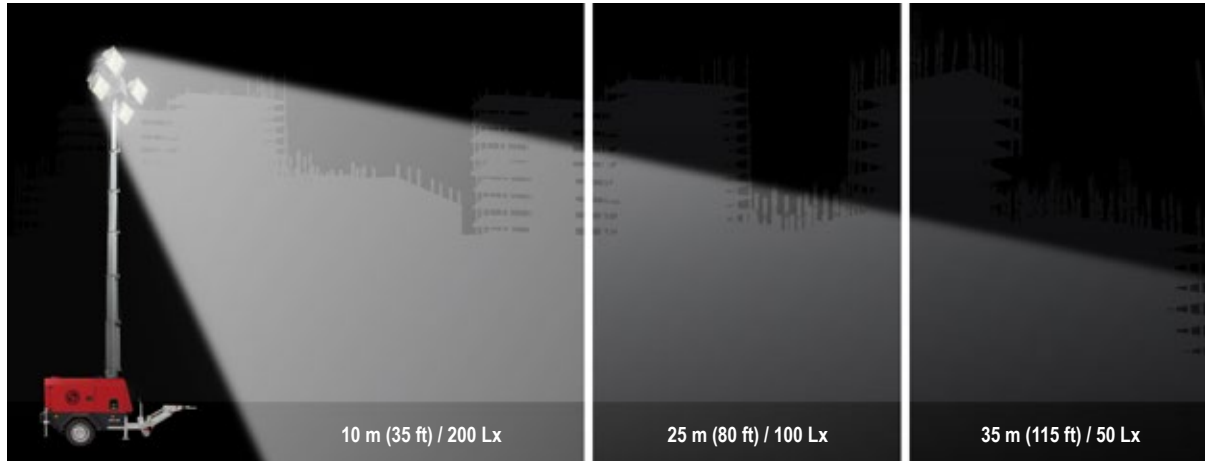
- External power input 230 VAC
- Photo cell and remote start
- Auto lamp shutdown to save fuel
- Metal grounding bar



## Over 100 Years of Experience

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for an extensive range of applications. Today, Chicago Pneumatic has a global reach, with local customer centers around the world. Chicago Pneumatic tools and air compressors are tailored to the needs of the industrial, vehicle service, and construction markets. Every day we develop and manufacture new products that are meant to meet your demands not only today, but tomorrow as well.

### CPLT H5: Average Lighting Versus Distance



### Technical Data

LIGHT TOWER		CPLT H5	
Rated Frequency Hz		50	
Voltage V		230	
Power (PRP) kW (hp)		6 (8)	
Maximum Sound Power Level (Lw) dB(A)		90	
Sound Pressure Level @ 7m (LPA) dB(A)		65	
<b>Fuel Consumption</b>			
Fuel Tank Capacity L (gal)		110 (24)	
Fuel Consumption with Lamps On L/h (gal/h)		1.8 (0.4)	
Fuel Autonomy with Lamps On h		55	
<b>Engine</b>			
Engine Type		Kubota D1105 Diesel	
Engine Speed rpm		1,500	
<b>Alternator</b>			
Alternator Type		Meccalte LT 3 160	
Rated Output kVA		8	
Insulation / Enclosure Protection		Class H / IP 21	
<b>Auxiliary Socket</b>			
1 x 16 Amps with MCCB 10 Amps W		2,200	
<b>Lights</b>			
Lamps		4 x 1,000 W Metal Halide	
Luminous Flux Lumen		4 x 90,000 = 360,000	
<b>Hydraulic Mast</b>			
Rotation		340°	
Maximum Height m (ft)		9 (29.5)	
Mast Raise / Mast Down sec		25	
Maximum Wind Speed km/h (mph)		80 (49.7)	
Dimensions	Off-Road Trailer (No Brakes, No Suspension)	On-Road Homologated Trailer (Fixed Towbar)	On-Road Homologated Trailer (Adjustable Towbar)
L x W x H m (ft)	3.10 x 1.30 x 2.24 (10.15 x 4.27 x 7.35)	2.70 x 1.30 x 2.31 (8.86 x 4.27 x 7.58)	3.20 x 1.30 x 2.31 (10.5 x 4.27 x 7.58)
Weight kg (lb)	1,170 (2,579)	1,195 (2,635)	1,235 (2,723)

For more information, please contact your CP partner:

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.