

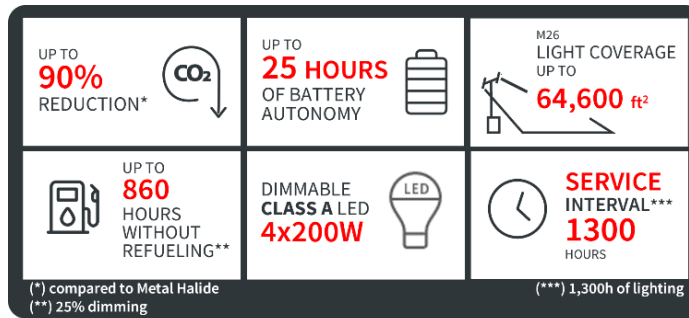
Technical specifications

CPLT

M26 HYBRID US

Frequency: 60Hz

Voltage: 120 Vac



CPLT M26 for reference

General description

The CPLT M26 Hybrid is a next-generation mobile light tower engineered to deliver maximum flexibility, efficiency, and autonomy — anywhere the job demands. Built on rugged wheels and designed for fast deployment, it combines first Class A SMD LED technology with lithium-ion batteries and a low-consumption Tier 4f diesel engine.

With four smart operating modes — battery, diesel, hybrid, and mains — the M26 adapts to any environment while reducing operation, fuel consumption, refueling activities, emissions, and noise. Ideal for construction sites, events, mining operations, and emergency response, this mobile solution helps users cut operational costs and carbon footprint while maintaining high performance and uptime in even the most challenging conditions. Ideal for construction sites, infrastructure works, events, mining, and emergency response, the M26 helps users reduce operating costs and environmental impact while ensuring strong lighting performance and dependable uptime in demanding conditions.

TECHNICAL INFORMATION

Reference conditions		
Absolute inlet pressure	bar	1
Relative humidity	%	30
Air inlet temperature	°F	77
Performance data		
LED quantity	pcs	4
LED Rated power	W	200
LED type	SMD High Lumen	
Efficacy of light	lm/W	214
Luminous Flux total	lm	171,200
CCT	K	5,000
Light coverage (avg 2 fc)	ft²	64,600
Light coverage (min 0.5 fc)	ft²	31,877
Avg Fuel consumption in hybrid mode (Floodlights ON)	gph	0.11
Fuel consumption in charge mode (Floodlights ON)	gph	0.23
Time to charge by engine	Light OFF ON	2h54 5h30
Light Coverage Battery Autonomy Fuel autonomy Hybrid Mode	100% dimm	64,600 ft² 6h30 329h
	75% dimm	53,675 ft² 8h30 388h
	50% dimm	40,605 ft² 12h50 506h
	25% dimm	22,676 ft² 25h30 860h
Max wind speed	mph	68
Noise level dB(A) 23 ft	dB(A)	58

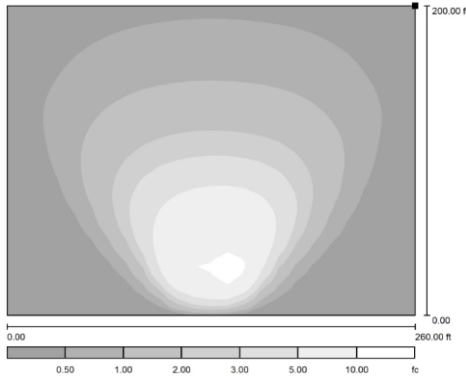
Chicago Pneumatic will keep the rights to change any data when necessary due to any reason.

Machinery safety 2006/42/EC, Electromagnetic compatibility 2014/30/EU, Low voltage equipment 2014/35/EU, Outdoor noise emission 2000/14/EC, Ecodesign, energy-related products 2009/125/EC, Radio equipment 2014/53/EU, ROHS Directive 2011/65/EU, WEEE Directive 2012/19/EU, UL 1598:2021 - Fifth Edition - CSA C22.2 No. 250.0-21 - Fifth Edition, Products certified under Class(es) C342505, C342585 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC)

Canopy		
Canopy		RedRock
Type		Undercarriage
Mast Type Height Rotation		Manual 25 ft 355°
Battery		
Type		LiFePO ₄
Nominal voltage capacity	V Ah	51.2 125
Nominal energy	kWh	6.4
Min ambient temperature for charging	°F	14
Min ambient temperature for discharging	°F	-4
Max ambient temperature for charging discharging	°F	122
Lifetime Nº Cycles @25°C 0.2C/0.2C	cycles	5000
Maximum Deep Of Discharge (DoD)	%	95
Battery heater		Standard
IP grade		65
Engine		
Brand and Model		Kubota Z-482
Speed	rpm	1,800
Rated net output (PRP)	kW	1.80
Coolant system		Coolant
Aspiration Combustion system		Natural Direct Injection
Number of cylinders	Cylinder	2
Speed governor		Electronic
Capacity of oil sump (initial fill)	l	3.8
Capacity of cooling system	l	2.8
Electrical system	Vdc	12
Emission stage		Tier 4f
Alternator		
Brand and Model		ACA132BL
Rated output	kVA	3
Protection degree		IP23
Insulation class		H
Number of wires	Wires	4
Fuel Tank		
Fuel tank capacity	gal	35
External Charger (option)		
Time to charge by MAINS Max input Voltage	h A V	3 15 120
Time to charge by SOLAR Max Power input	h W	7 800

Lamps

Number of lights	Unit	4
Technology / IP grade / IK grade		SMD High Lumen / IP69 / IK10
Floodlight power	W	200
Total Lumen	lm	171,200



31,877 ft²
min 0.5 ft

MINIMUM
MAINTENANCE
TIME AND
COSTS
 


 UP TO
36%
LIGHTER
IN WEIGHT

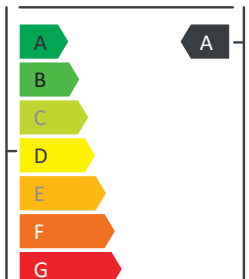
REDUCED
TOTAL
COST OF
OWNERSHIP
 


 BATTERY
LIFE SPAN
59.500
hours

TRANSPORT
EFFICIENCY
10 UT



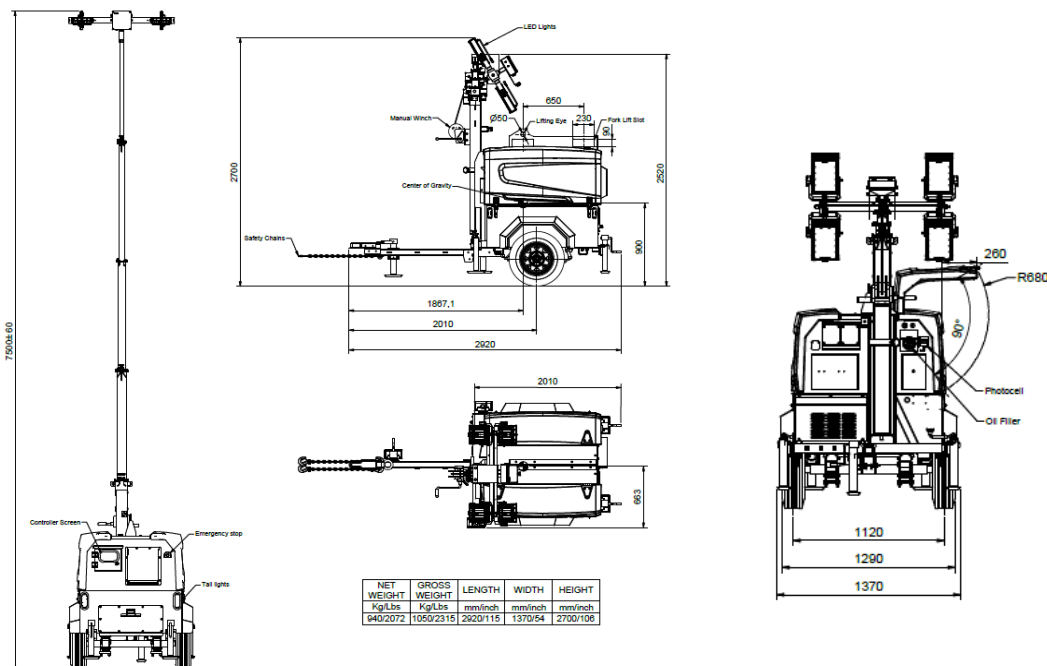
RedRock
CANOPY



Floodlight efficiency:
214 lm/W

Dimension and weight

Length x Width x Height in transport mode	in	115 x 54 x 106
Length x Width x Height in operation mode	in	115 x 81 x 295
Weight (dry / wet)	lbs.	2,072 / 2,315
Quantity in a 48ft flatbed trailer	un	10



Mechanical Options
Cold weather
Anti glare
Wheel chocks
Towying eyes - Ball coupling
Inlet shutdown valve
Spark Arrestor
Special color
Electric Winch
Electrical Options
Battery switch (1 pole)
Earth pin
External power input
MSA conector
Fleetlink