

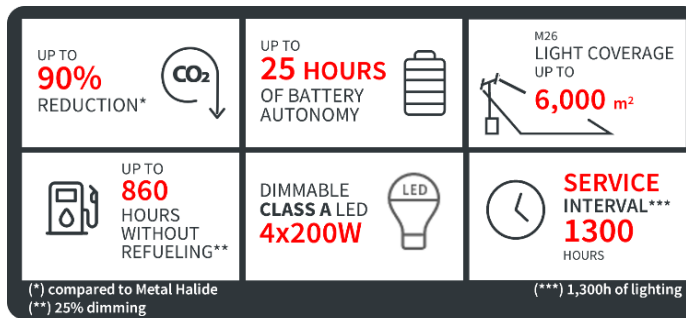
Technical specifications

CPLT

M26 HYBRID CSA

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	°C	25
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 20 lux)	m²	6,000
Light coverage (min 5 lux)	m²	2,961
Avg Fuel consumption in hybrid mode (Floodlights ON)	l/h	0.41
Fuel consumption in charge mode (Floodlights ON)	l/h	0.87
Time to charge by engine	Light OFF ON	2h54 5h30
Light Coverage Battery Autonomy Fuel autonomy Hybrid Mode	100% dimm	6,000 m² 6h30 329h
	75% dimm	4,985 m² 8h30 388h
	50% dimm	3,771 m² 12h50 506h
	25% dimm	2,106 m² 25h30 860h
Max wind speed	km/h	110
Noise level dB(A) 7 m	dB(A)	58

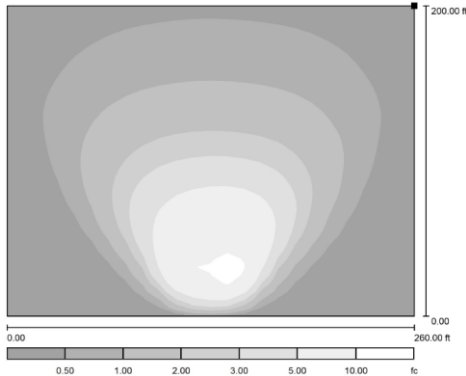
Chicago Pneumatic will keep the rights to change any data when necessary due to any reason.

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 7.5 m 355°
Battery		
Type		LiFePO ₄
Nominal voltage capacity	V Ah	51.2 125
Nominal energy	kWh	6.4
Min ambient temperature for charging	°C	-10
Min ambient temperature for discharging	°C	-20
Max ambient temperature for charging discharging	°C	50
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
Light coverage (avg 20 lux)		
Light coverage (min 5 lux)		ACA132BL
Rated output	kVA	3
Protection degree		IP23
Insulation class		H
Number of wires	Wires	4
Fuel Tank		
Fuel tank capacity	l	135
External Charger (option)		
Time to charge by MAINS Max input Voltage	h A V	3 15 120

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

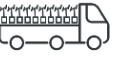


MINIMUM
MAINTENANCE
TIME AND
COSTS
 

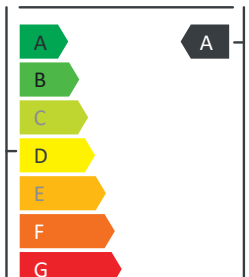

 UP TO
36%
LIGHTER
IN WEIGHT

REDUCED
TOTAL
COST OF
OWNERSHIP
 


 BATTERY
LIFE SPAN
59.500
hours

TRANSPORT
EFFICIENCY
10 UT


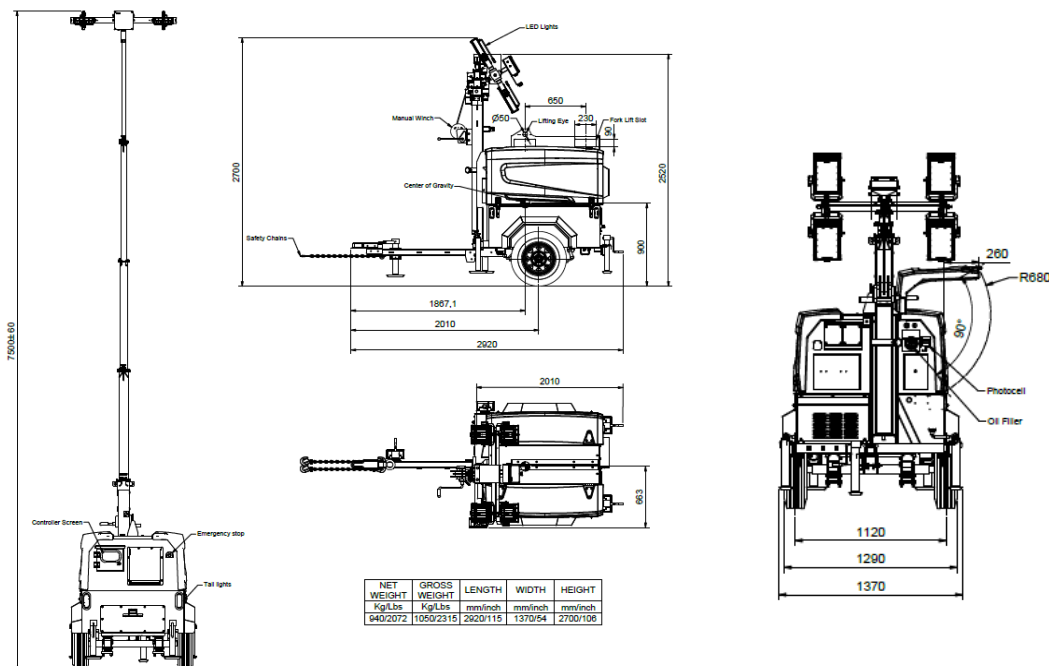

RedRock
CANOPY



Floodlight efficiency:
214 lm/W

Dimension and weight

Length x Width x Height in transport mode	mm	2920 x 1370 x 2690
Length x Width x Height in operation mode	mm	2920 x 2057 x 7500
Weight (dry / wet)	kg	940 / 1,050
Quantity in a 53ft 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