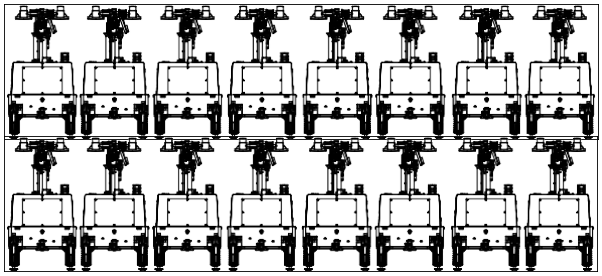
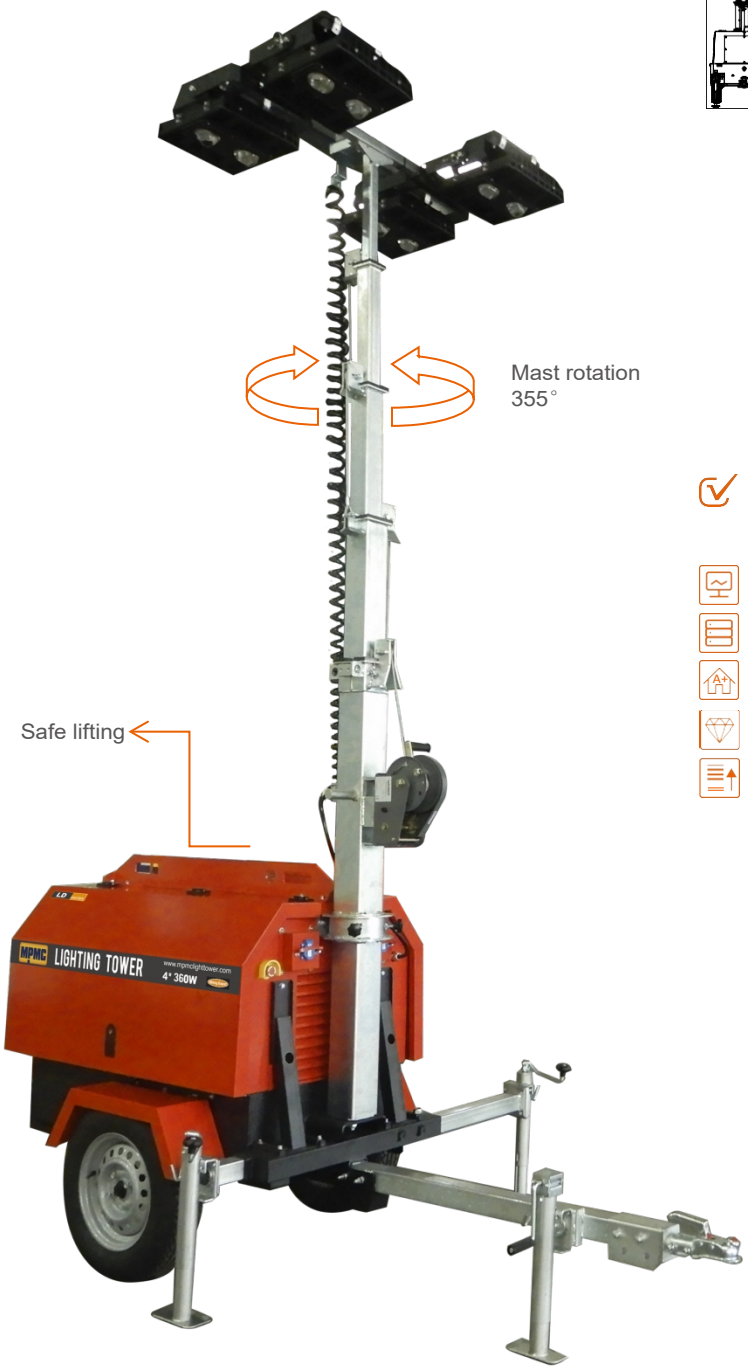
MPMC BEYOND ENERGY

MLT4KD-1400LD-2

Powered by Kubota

16unit / 40 'HC. CONTAINER





Highlights

- Less fuel consumption. Longer run-time
- Simple control system
- High efficiency
- Sturdy and durable
- Max height 7.2m

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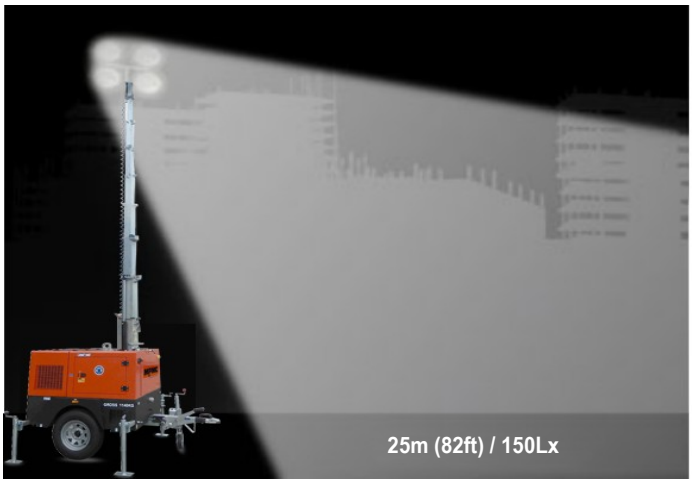
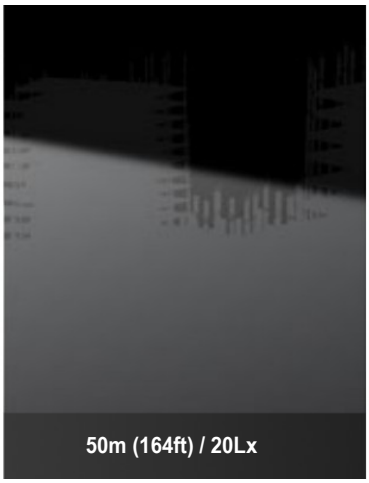
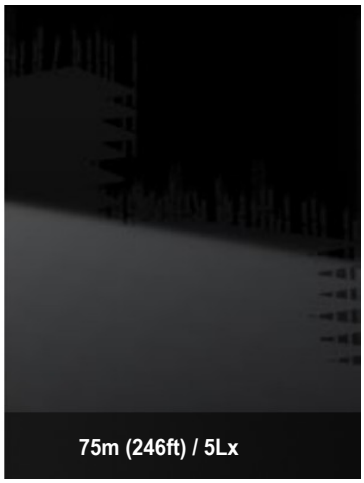
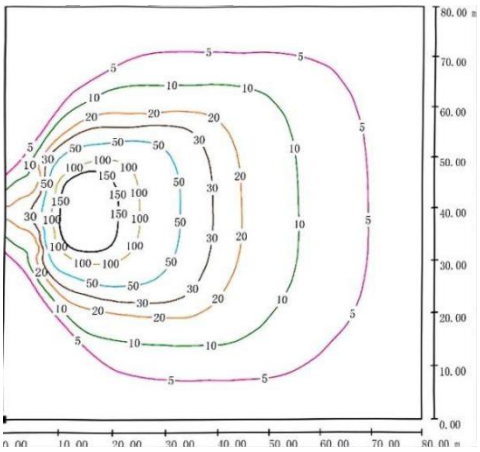






Lighting Tower Technical Data	
Power Package Rated Power	3.5kW
Number & Power of Lamp	4×350W
Rated Frequency/ Speed	60Hz /1800 rpm
Rated Voltage	AC 240V
Noise	65dB(A) @7M
Mast-Maximum Height	7.2 m
Mast Lifting & Extension	Manual Operation
Fuel level gauge	Electronic
Tower leg type	Manual
Trailer Load bearing	750kg
Trailer type	On road type
AUX. Power output	16A Socket
Rotation angle range of light	355°
Wind resistance grade	100km/h
Recommended use environment	Level ground
Lamp	
Number×Power	4×350W
Lamp type	LED
Protection Glass	IP67
Luminous Efficiency	170 lm/W
Color Temperature	5700±300 K
Voltage	AC 240V
Lamp sevice life	50000hrs
Control System	
Controller Model	MALC404
Dimension and Weight	
Max Overall Dimension (L×W×H)	3080 * 2310*7200mm
Container loading Dimension (L×W×H)	1473 * 1100 * 2502mm
Tank Capacity / Running Hr.	100L / 180 hrs.
Weight	700 kg
The loading capacity(40'HC)	16 Sets

Note: Specifications and illustrations are subject to revision without notice.



Environmental Conditions

- Ambient temperature: ＋5℃~＋40℃
- Altitude: ≤1000m

Note: Please contact us if operating environmental conditions required do not go with the guidance.

Factory Inspection

- Complete design and quality inspection
- 30 mins full load test
- Function testing
- Protection testing

Painting Process

- MPMC has the most advanced automatic spraying / powder coating production line, and is equipped with various sandblasting equipment to ensure higher quality.
- Canopy painting: HenKel pretreatment process and world famous brand AkzoNobel powder.
- Base Frame painting: Sandblasting process and AkzoNobel powder (Hempel paint is optional).

LABORATORY ACCREDITATION CERTIFICATE

Certificate of the World Manufacturer Identifier Code

MPMC BEYOND ENERGY

Engine Specifications

Engine Model	Z482-B-CHN-1
Manufacturer	Kubota
Emission	/
Number of Cylinders	2
Cycle	4 Stroke
Aspiration	Naturally
Net continuous power / Speed	4.1 kW / 1800RPM
Lube-oil Capability	2.5 L
Fuel consumption	0.57 L/h (@100% Brightness)
Starter motor/ Alternator	12V 0.95kW

- Heavy duty diesel engine
- Anti-vibration mount
- Replaceable fuel filter, oil filter & air filter
- Cooling radiator and fan
- Starter battery (with lead acid) including rack and cables
- Flexible fuel connection hoses
- Exhaust silencer and bellows
- Operation manuals and circuit diagram documents

Alternator Specifications

Alternator Model	FCA4.5
Manufacturer	DGOL
Rated Output Power	4.5 kVA
Alternator Type	PMG
Rated Voltage	AC 240V
Rated Speed	1800 rpm
IP Protection	IP21
Insulation Grade	H

OPTIONS

☐ Jacket water heater	☐ Manual pump
☐ Lub-oil heater	☐ Smartgen controller
☐ ABB/Schneider MCB	☐ Sockets
☐ Battery charger	☐ Larger fuel tank

MPMC BEYOND ENERGY
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