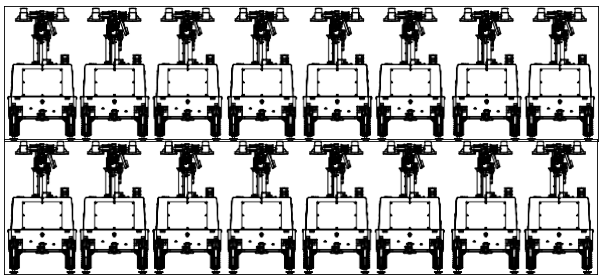
MPMC BEYOND ENERGY

MLT4KD-2000LD-1

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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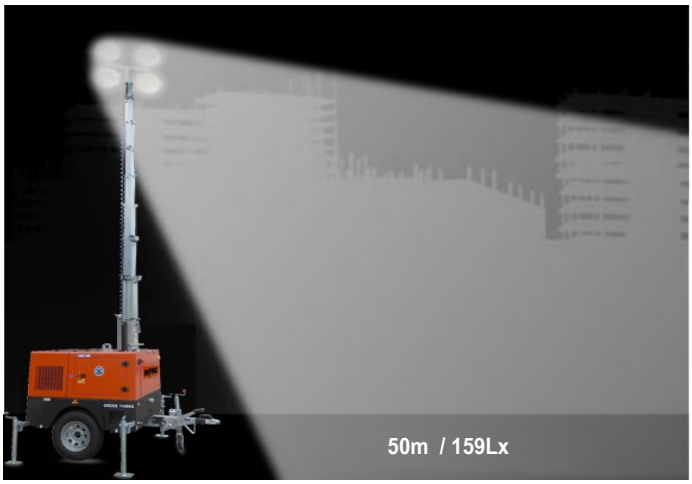
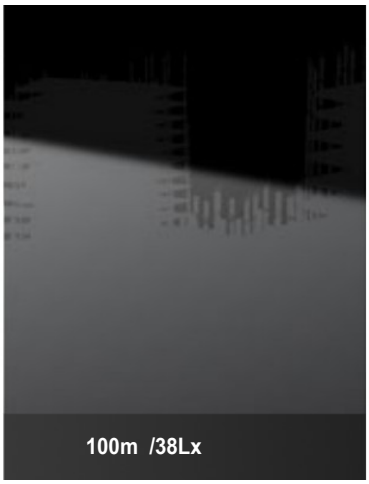
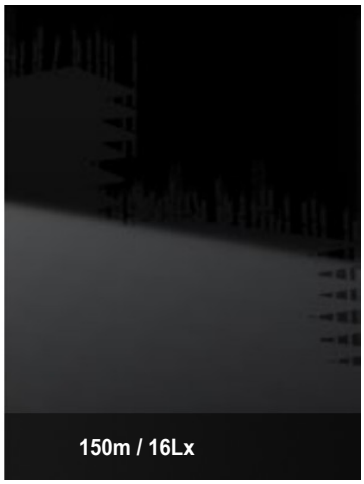
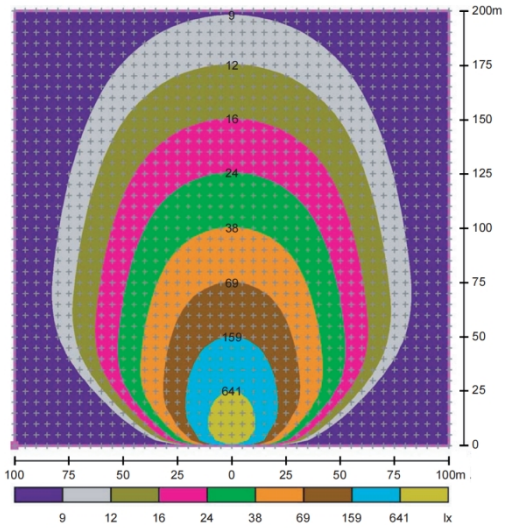






Lighting Tower Technical Data	
Power Package Rated Power	5.17kW
Number & Power of Lamp	4×500W
Rated Frequency / Speed	50Hz /3000 rpm
Rated Voltage	AC 230V
Noise	73dB(A) @7M
Mast-Maximum Height	7.2m
Mast Lifting & Extension	Manual Operation
Tower leg type	Manual
Trailer Load bearing	1200kg
Trailer type	Off road type
AUX. Power output	16A/3P Socket
Rotation angle range of light	355°
Wind resistance grade	100km/h
Recommended use environment	Level ground
Lamp	
Number×Power	4×500W
Lamp type	LED
Protection Glass	IP67
Luminous Efficiency	170 lm/W
Color Temperature	5700±300 K
Voltage	AC 230V
Lamp Service 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 / 112hrs.
Weight	700kg
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-ET03
Manufacturer	Kubota
Emission	Tier 3
Number of Cylinders	2
Cycle	4 Stroke
Aspiration	Naturally
Net Continuous power / Speed (Gross)	6.9kW / 3000rpm
Lube-oil Capability	2.5L
Fuel consumption	0.89L/h (@100% Brightness)
Starter motor/ Alternator	12V 0.8kW

- 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 document

Alternator Specifications

Alternator Model	KT06-2
Manufacturer	DGOL
Rated Output Power	6kW
Alternator Type	Brushless
Rated Voltage	AC 230V
Rated Speed	3000 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

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