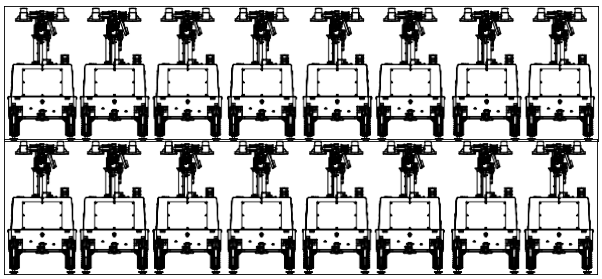
MPMC BEYOND ENERGY

# MLT4KD-2000LD-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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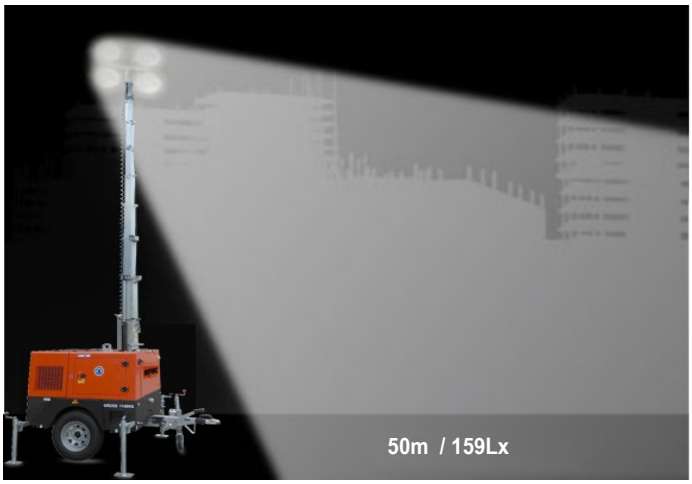
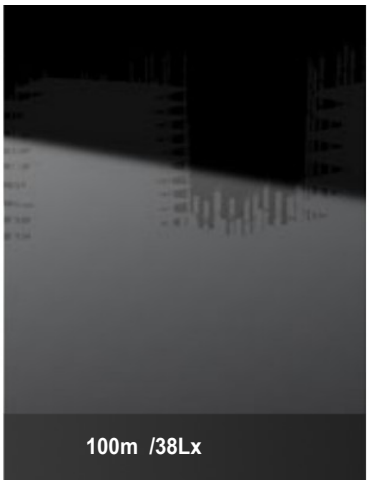
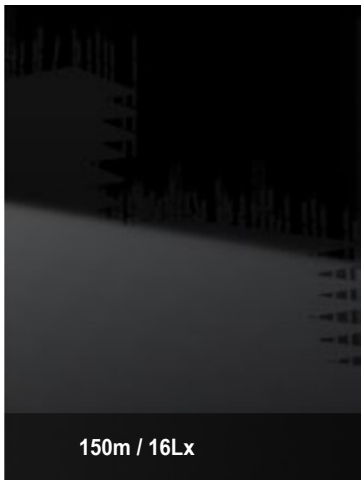
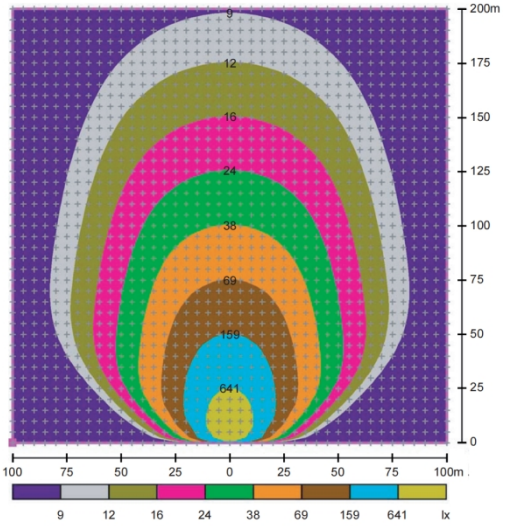



| Lighting Tower Technical Data | |
|---|---|
| Power Package Rated Power | 6kW |
| Number & Power of Lamp | 4×500W |
| Rated Frequency / Speed | 60Hz /3600 rpm |
| Rated Voltage | AC 240V |
| Noise | 75dB(A) @7M |
| Mast-Maximum Height | 7.2M |
| Mast Lifting & Extension | Manual Operation |
| Tower 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 | IP54 |
| Luminous Efficiency | 170Lm/W |
| Color Temperature | 5700±300 K |
| Voltage | AC 240V |
| Lamp Service Life | 10000hrs |
| 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 / 52hrs. |
| 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

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## Engine Specifications

| | |
|---|---|
| Engine Model | Z482-EF02 |
| Manufacturer | Kubota |
| Emission | EPA T4F |
| Number of Cylinders | 2 |
| Cycle | 4 Stroke |
| Aspiration | Naturally |
| Net Continuous power / Speed (Gross) | 8.1kW / 3600rpm |
| Lube-oil Capability | 2.5L |
| Fuel consumption | 0.96L/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 | Dingol |
| Rated Output Power | 6kVA |
| Alternator Type | Brushless |
| Rated Voltage | AC 240V |
| Rated Speed | 3600 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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