

METROLITE ML46



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr	Axle Configuration	Total Weight
ML46	Perkins 403D11G Yanmar 3TNV76	Metal Halide	4 x 1500	6000 W	8.0M	2.3 Lts/hr 1.8 Lts/hr	Single	1280KGS

SPECIFICATIONS

Engine

Naturally aspirated liquid - cooled diesel.

Lights

4 x 1500 Watt. All ballasts, capacitors and igniter's mounted in heavy duty cast aluminium housing. Output = 600,000 Lumens.

Megagen Generator

Megagen diesel 415v three phase @50Hz

Laydown Mast

Laydown mast with single telescopic hydraulic cylinder.

Single Axle Trailer

Heavy duty trailer with A-frame drawbar with 3 manual stabilizers, and 16" landcruiser wheels.

Fitted with welded steel hitch - 50mm ball.

Trailer fitted with tie down rings for transport.

Brakes

High quality mechanical override system.

Weatherproofing

Formed 2mm steel enclosure. Sand blasted, primed and powder coated to a minimum 100 micros.

Electrical

Lighting circuits with individual circuit breakers (Housed in IP66 enclosures) with RCD protection. Enclosed in conduit for mechanical protection and constant earth.

Dimensions and Fuel Capacity

Single Axle – (Length x Width x Height) 4000mm x 1300mm x 1800mm – 114 Litres fuel capacity.

LEGISLATIVE COMPLIANCE

Each mobile lighting plant is designed and built to meet all relevant standards including:

- AS3000 Electrical wiring regulations
- AS2790 Transportable Generator sets to 25KW
- AS 3010.1 Supply of generator set
- AS 3713 Noise level emissions
- AS 1170.2 Wind Loading Criteria (Wind loads to gusts of 100 Km/h)

OPTIONS

- Light tilt facility (With tower fully extended and operating)
- Day-Night Shutdown System
- External Jump Start
- Non-pressurized high flow refuelling system or evacuation system for all fluids
- Spare wheel carrier
- 9Kg dry chemical fire extinguisher
- LED Trailer lights
- Power Outlets
- Double pole Lockable Battery isolator
- 24 Hour Timers for Auto Shutdowns
- Wheel chocks
- MDG15 & MDG41 compliance
- Many more