

# METROLITE

## MV46



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr	Axle Configuration	Total Weight
MV46	Kubota D1105BG	Metal Halide	4 x 1500	6000 W	7.6M	2.1 Lts/hr 2.1 Lts/hr 2.1 Lts/hr	Single	875KGS

### 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 = 400,000 Lumens.

#### Megagen Generator

Megagen diesel 415v three phase @50Hz

#### Vertical Mast

Vertical mast with single telescopic hydraulic cylinder.

#### Single Axle Trailer

Heavy duty trailer with A-frame drawbar with 3 manual stabilizers, and 13" landcruiser wheels.

Fitted with welded steel hitch - 50mm ball.

Trailer fitted with tie down rings for transport and forklift pockets.

Gull wing doors constructed from PCD composite.

#### 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) 2850mm x 1300mm x 2250mm - 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 Kmh)

### 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 compliance
- Many more