

METROLITE

MV44



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr	Axle Configuration	Total Weight
MV44	Kubota D1105BG	Metal Halide	4 x 1000	4000 W	7.6M	1.6 Lts/hr	Single	850KGS

SPECIFICATIONS

Engine

Naturally aspirated liquid - cooled diesel.

Lights

4 x 1000 Watt. All ballasts, capacitors and igniter's mounted in heavy duty cast aluminium housing. Output = 400,000 Lumens.

Megagen Generator

Megagen diesel 240v three phase @50Hz

Vertical Mast

Vertical mast with telescopic hydraulic cylinder.

Single Axle Trailer

Heavy duty trailer with single drawbar with 3 manual stabilizers, and 13" 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 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 compliance
- Many more