

# MIDNITELITE MOBILE

## M48



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr	Axle Configuration	Total Weight
M48	Perkins 403D15G Yanmar 3TNV88	Metal Halide	4 x 2000	8000 W	9.5M	2.8 Lts/hr 1.9 Lts/hr	Single	2200KGS

### SPECIFICATIONS

#### Engine / Alternator

Three Cylinder, industrial-duty, liquid-cooled, naturally aspirated diesel engines: Perkins / Yanmar

Direct Couples to a heavy duty, single bearing alternator.

Additional Features include:

- Cyclone-style air cleaner
- Key start panel with engine protection
- Earth leakage protection
- Emergency stop push button
- Single-pole lockable battery isolator

#### Lights

4 x 2000 Watt. All ballasts, capacitors and igniters mounted in heavy duty cast aluminium housing as standard. Output = 800,000 Lumens.

#### Megagen Generator

11kVA Megagen diesel generator 415v @50Hz.

#### Double Jointed, Knuckle-Style Hydraulic mast

With hydraulic extension from 9.5m to 12m (depending on specifications) allows for light focus through a full 105° swing (Fully extended and operating). 12 Volt DC operated mast can be folded away without generator power. Double action rams and safety lock valves on all hydraulics.

#### Single axle trailer

Heavy-duty trailer with A-Frame draw bar with 3/four hydraulic stabilizer legs. Fitted with either ring hitch or ball hitch and 16' Landcruiser wheels.

#### Brakes

High quality override braking system offered as standard.

#### High Visibility reflective tape

For better site safety.

#### Weatherproofing

Removable weatherproof canopy over generator. Components are sand blasted, primed and industrially power coated to a minimum 100 Microns.

#### 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) 5000mm x 2200mm x 3050mm – 210 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)
- Mines Safety and inspection regulations 1995

### 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