

# MIDNITELITE SKID LED SL16



Model Number	Engine Type	Type of Light	Light Configuration	Mast Height Extended	Fuel Consumption Lts/hr
SL16	Hatz 1D81 Yanmar 3TNV70	LED	16 x L100DC	9.5M	1.2 Lts/hr 1.5 Lts/hr

## SPECIFICATIONS

### Engine / Alternator

Industrial-duty, liquid-cooled or air-cooled, naturally aspirated diesel 1500 R.P.M engine. 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

16 x L100DC LED lights.

### Megagen Generator

Megagen diesel Generator 240/48V D.C.

### Double Jointed, Knuckle-Style Hydraulic mast

Hydraulic extension to 10.5m from ground level (but not limited to – options are available for 13m to 24m masts) and 340° slew with automatic lock. Mast allows for light tilt through a full 45° vertical arc ( fully extended and operating). 12 V Battery operated mast can be folded away without generator power. Fail safe double acting rams and safety lock valves on all hydraulics.

### Skid

Heavy duty skid with pusher bars, towing point, chains and durable skid wear plates. Built-in 450 Litre fuel tanks. Heavy duty compartments accommodate towing chains and attachments. Four lifting points to facilitate lifting of complete unit.

### 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 and RCD protection. Enclosed in conduit for mechanical protection and constant earth.

## Dimensions (Length x Width x Height)

Standard Skid (SS)	5,200mm x 2,400mm x 2,900mm
Mega Skid (MS)	6,800mm x 2,700mm x 3,050mm
Super Skid (SuS)	10,000mm x 2700mm x 3200mm Width extends to 7180mm with hydraulic access steps extended

## LEGISLATIVE COMPLIANCE

Each skid 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 focus facility (With tower fully extended and operating)
- Day-Night Shutdown System
- External Jump Start
- Fast Fill or evacuation system for all fluids
- 9Kg dry chemical fire extinguisher
- Power Outlets
- Double pole Lockable Battery isolator
- 24 Hour Timers for Auto Shutdown
- Replaceable hardwood push buffers
- MDG15 & MDG41 compliance
- Many more