MLT4150M

METAL HALIDE LIGHT TOWER



SPECIFICATIONS

ENGINE SYSTEM

- Mitsubishi® S4L2
- Diesel fueled
- EPA Tier 4
- 4 cylinder
- 1.76 L displacement
- Liquid cooled
- Power @ 1,800 rpm HP (kW):
 - Prime: 23.5 (17.5)
 - Standby: 24.7 (18.4)

Fuel System

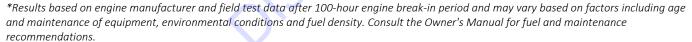
- Polyethylene tank 56.4 gal (213.5 L) usable fuel volume
- Fuel consumption gal/hr (L/hr):
 - 100% load: 1.36 (5.15)*
- Exterior fill port diameter: 3.5 in (88.9 mm)
- Fuel filter with replaceable element

Cooling System

- Air filter: Dry type cartridge
- Cooling system capable of operating at 120°F (49°C) ambient

Lubrication System

- Oil filter: Full flow, spin-on type
- 1,000-hr service interval**



^{**}To achieve maximum service interval, replacement of oil filter after 50-hour break-in period is required. Consult Owner's Manual for required oil filter model number.

GENERATOR

- 60 Hz engine/generator
- Marathon Electric[®] brushless
- Up to 15 kW output
- 120/240 VAC, 50/25 A
- ± 6% AVR

CONTROLS

- Engraved, aluminum punched and anodized control panel
- 4-position key activated switch (off, run, glow, start)
- Digital hour meter
- Automatic low oil/high temperature shutdown system



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FLOODLIGHTS

• Four [4] 1,100 watt metal halide

• Lm/bare bulb: 132,000

• Lm/fixture: 70,356

• Total bare bulb lm: 528,000

• Total fixture lm: 281,424

• Efficiency: 120 LPW

Coverage: @ 0.5 ft-c: 39,241 ft2 (3,646 m2)

• Oval aluminum reflector

• Tempered glass lens

• Silicone gaskets for moisture and dust protection

• Friction disc mounting for tool less positioning

• Individual floodlight On/Off switches

ELECTRICAL SYSTEM

- 70A start trip breaker (ensures no-load condition exists at start-up)
- Floodlight circuits with sealed 15A breakers
- Ballast Indicator lights
- Convenience receptacles with individual breakers:
 - (2) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type)
 - (2) 240 VAC, 30 A, twistlock outlet (NEMA L6-30R type)
 - (2) 240 VAC, 50 A, twistlock outlet (Non-NEMA 6369)
- 440CCA CCA wet cell battery

MAST

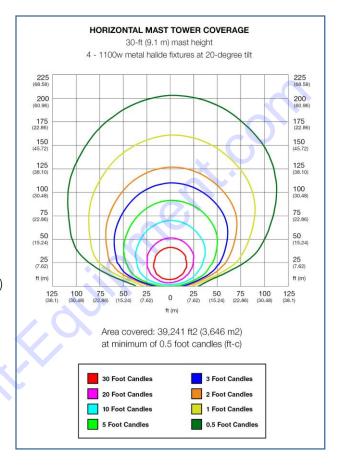
- Horizontal mast; 30 ft. (9.14 m) maximum extension, 3-section
- Tubular steel frame 3 in. (76.2 mm) square tube with 3/16 in. (4.78 mm) wall
- Urethane guides on all sides of mast tubes
- Industrial black powder coat finish
- Dual winch system located at ergonomic height allowing single person operation
- 359° ground-level rotation with locking system
- Coiled mast cord

ENCLOSURE

- Steel enclosure 14-gauge
 - UV & fade resistant, high temperature cured, white polyester powder paint
 - 68 dB(A) at 23 ft. (7 m) prime power
- Stainless steel hinges on doors
- Multi-lingual operating/safety decals
- License plate holder with light
- Manual holder with operating manual
- Equipped with single lifting eye and fork pockets

TRAILER

- Removable tongue 48 in. (1219.20 mm) long
- (4) 2000 lb. (907.18 kg) adjustable leveling jacks 4 point stance
- All jacks transport and lock in horizontal position for storage
- Side outriggers 140 in. (3.56 m) span

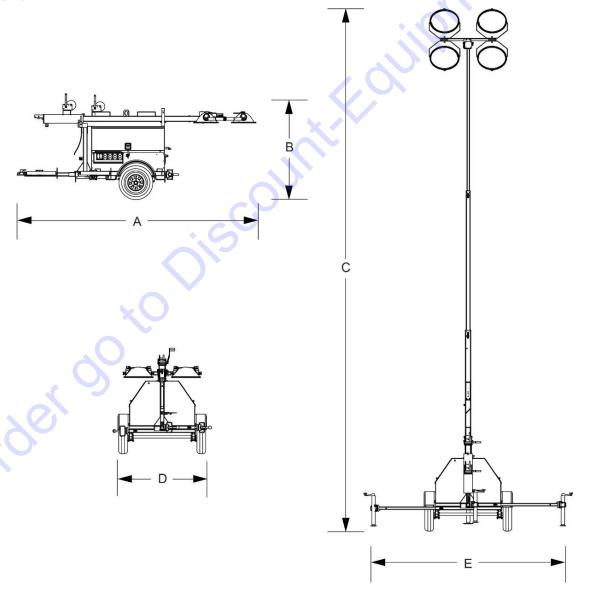


- 7800 lb. (3538 kg) safety chains with spring loaded safety hooks
- 2 in. (50.8 mm) ball hitch
- Single wall polyethylene fenders
- DOT approved tail, side, brake, and directional lights
 - Recessed rear lights
- 3000 lb. (1361 kg) leaf spring axle
- P205/75R15 6 ply
- 58 in. (1473 mm) axle span

WEIGHT

- Dry weight: 2015 lbs. (914 kg)
- Operating weight: 2413 lbs. (1095 kg)

DIMENSIONS



OPTIONS

- Digital Power Zone Controller
- Cold weather package options
- Canadian Package (CAN)
 - 60/40 coolant
 - Radiator hose heater
 - Heated fuel filter
- or current options.

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