MLT5060KV

METAL HALIDE LIGHT TOWER



SPECIFICATIONS

ENGINE SYSTEM

- Kubota® D1005-E3BG1-MGM-1
- Diesel fueled
- EPA Tier 4
- 3 cylinder
- .95 L displacement
- Liquid cooled
- Power @ 1,800 rpm HP (kW):
 - Prime: 11.7 (8.72)
 - Standby: 13.1 (9.77)

Fuel System

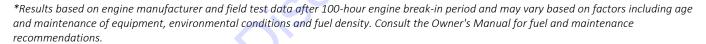
- Polyethylene tank 56.4 gal (213.5 L) usable fuel volume
- Fuel consumption gal/hr (L/hr):
 - 100% load: 0.67 (2.53)*
- Exterior fill port diameter: 3.5 in (88.9 mm)
- Fuel filter with replaceable element

Cooling System

• Air filter: Dry type cartridge

Lubrication System

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



GENERATOR

- 60 Hz engine/generator
- Marathon Electric® brushless
- Up to 6 kW output
- 120/240 VAC, 50/25 A
- ± 6% capacitor voltage regulation

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: 31,902 ft2 (2,954 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

• Internal cabinet light storage

ELECTRICAL SYSTEM

- 30 A 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:
 - (1) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type)
 - (1) 240 VAC, 30 A, twistlock outlet (NEMA L6-30R type)
- 440CCA CCA wet cell battery

MAST

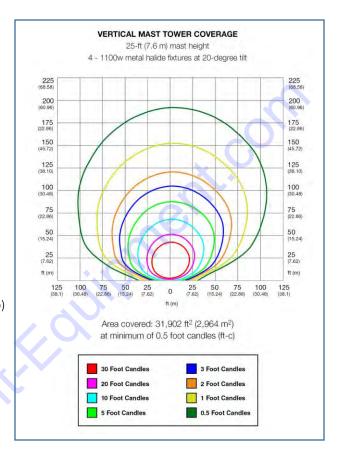
- Wind Rating: 65 mph (105 kph)
- Vertical mast; 25 ft. (7.62 m) maximum extension, 5-section, tubular steel
- Distinctive angle fixture design for consistent light distribution
- Electric winch standard
- 950 lb. (430.91 kg) automatic self-breaking electric winch easily raises mast vertically
- 359° 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

- Front step platform for easy adjustment of light fixtures
- 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

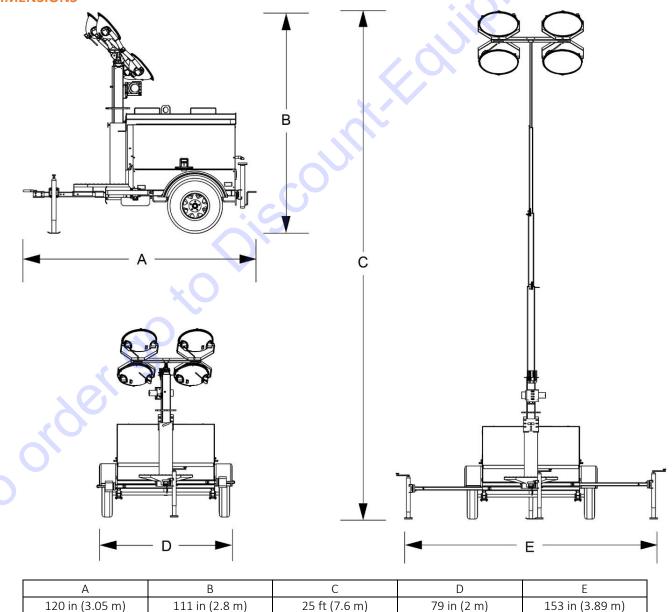


- Side outriggers 151 in. (3.84 m) span
- Safety chains with spring loaded safety hooks
- Combo hitch: 2 in. (50.8 mm) ball hitch and 2.5 in. (63.5) pintle ring
- Single wall polyethylene fenders
- DOT approved tail, side, brake, and directional lights
 - Recessed rear lights
- 3500 lb. (1588 kg) leaf spring axle
- P205/75R15 6 ply
- 68.5 in. (1740 mm) axle span

WEIGHT

- Dry weight: 2018 lbs. (915 kg)
- Operating weight: 2421 lbs. (1098 kg)

DIMENSIONS



OPTIONS

- Digital Power Zone Controller
- Cold weather package options
- Canadian Package (CAN)
 - 60/40 coolant
 - Radiator hose heater
 - Heated fuel filter
 - 775CCA AGM sealed battery
 - Liquid containment
- order of the life Additional options available. Please contact a sales representative or the factory for current options.

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