# **MLT5080KV**

# METAL HALIDE LIGHT TOWER



# **SPECIFICATIONS**

#### **ENGINE SYSTEM**

- Kubota® D1105-E3BG1-MGM-1
- Diesel fueled
- EPA Tier 4
- 3 cylinder
- 1.12 L displacement
- Liquid cooled
- Power @ 1,800 rpm HP (kW):
  - Prime: 13.5 (10.07)
  - Standby: 15.4 (11.48)

### **Fuel System**

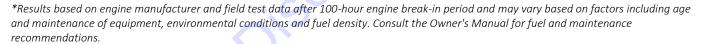
- Polyethylene tank 56.4 gal (213.5 L) usable fuel volume
- Fuel consumption gal/hr (L/hr):
  - 100% load: 0.814 (3.08)\*
- Exterior fill port diameter: 3.5 in (88.9 mm)
- Fuel filter with replaceable element

### **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 8 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: 528,000Total 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**

- 40A 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)
  - (1) 240 VAC, 30 A, twistlock outlet (NEMA L6-30R type)
- 440CCA CCA wet cell battery

#### **MAST**

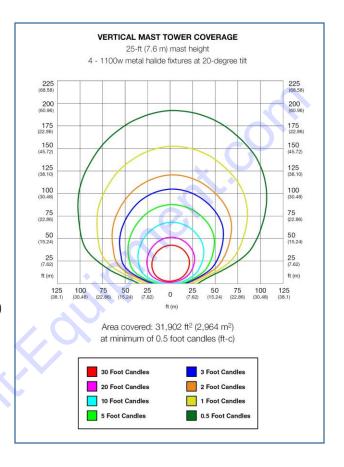
- Wind Rating: 65 mph (105 kph)
- Vertical mast; 25 ft. (7.62 m) maximum extension, 5-section, tubular steel
- Distinctive angle fixture design for consistent light distribution
- Electric winch standard
- 950 lb. (430.91 kg) automatic self-breaking electric winch easily raises mast vertically
- 359°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

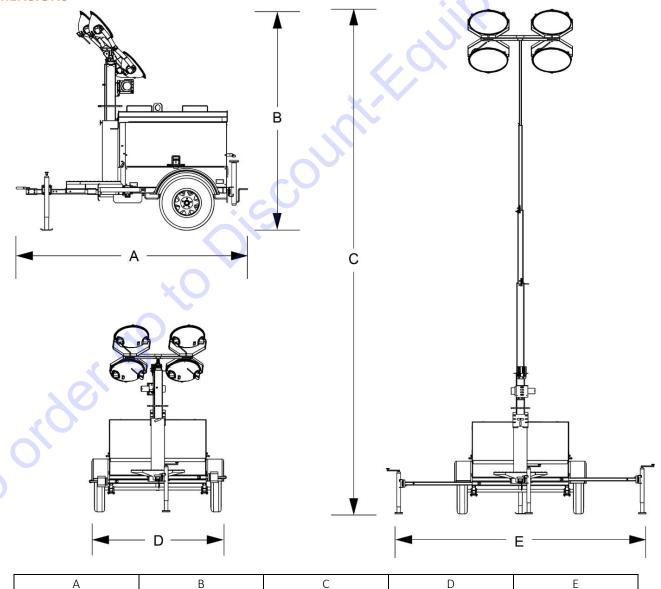
• Dry weight: 2035 lbs. (923 kg)

120 in (3.05 m)

111 in (2.8 m)

• Operating weight: 2438 lbs. (1106 kg)

# **DIMENSIONS**



25 ft (7.6 m)

79 in (2 m)

153 in (3.89 m)

## **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 to his countries of the contribution Additional options available. Please contact a sales representative or the factory for current options.