

# Maverick Force 1 Spot



## SPECIFICATIONS

### Optical

- Light Source: 1 LED (CW) 470 W, (4 A), 7500K, 50,000 hours life expectancy
- Color Temperature (at full): 7099 K
- CRI: 68.8
- CRI with CRI Filter: 89.4
- Front Lens Dia: 127 mm
- Beam Angle: 6.3° to 45.7°
- Field Angle: 7.3° to 53°
- Cutoff Angle: 7.6° to 54.4°
- Zoom Range: 6.3° to 54.4°
- Lumens - Source: 35,000
- Lumens - Output: 21,172
- Illuminance (6.3°): 43,485 lux @ 5 m
- Illuminance (54.4°): 1,793 lux @ 5 m
- Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 Hz, 6,000 Hz, 15,000 Hz

### Dynamic Effects

- Pan and Tilt: 540°/270°
- Pan and Tilt Ranges: 540°, 360°, 180° pan/270°, 180°, 90° tilt
- Colors: 7 (including CRI and CTB filters) + white, split colors, continuous scroll at variable speeds
- Colors: CMY+ CTO flags
- Gobos (1): 7 + open (7 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds
- Gobos (2): 9 + open (9 glass), static, continuous scroll at variable speeds
- Gobo Size (1): Gobo Wheel 1 (rotating): 25.5 mm (outside), 20 mm (image), 1.1 mm (max. thickness)
- Animation wheel: static, motorized, continuous scroll at variable speeds
- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Zoom: Motorized
- Focus: Motorized
- Frost: Motorized
- Iris: Motorized
- Prism: 5 Facets, motorized, rotating
- Strobe Rate: 0 to 20 Hz
- Move-in-Black: Yes
- Dim Curves: 4

### Optional Accessories

- Professional Clamps: CTC-50HC, CTC-50HCN
- Safety Cable: SC-07
- DMX cables
- Ethercon Extension cables
- IP Rated Seetronic® Powerkon Extensions
- Flight Case
- UPLOAD\_08 software uploader

## FEATURES

- Fully featured, compact and lightweight 470 W LED yoke spot fixture including CMY + CTO color mixing, a color wheel, zoom optics, and two gobo wheels, one rotating, and one static, and an animation wheel
- 16-bit dimming of master dimmer for smooth control of fades
- Variable CMY + CTO color mixing system to create a wide pallet of colors
- CRI and CTB filters on color wheel for added flexibility
- DMX, WDMX, sACN, and Art-Net for full flexibility of control options
- RDM enabled for remote addressing and trouble shooting
- 6.3° to 54.4° zoom range for variable beam sizes
- Iris, 5-facet prism, and frost for beam control
- True 1 compatible power input
- Three setup menu presets and preset sync for cross loading to multiple like fixtures for easy shop setup
- USB slot for software uploads
- Battery backup display with auto-rotate depending on fixture orientation

## Construction / Physical

- Dimensions: 15.5 x 9.8 x 25.0 in (394 x 250 x 636 mm)
- Weight: 48 lb (21.8 kg)
- Exterior Color: Black
- Housing Material: High-impact flame-retardant polymer

## Connections

- Power Connection: Edison plug to Seetronic Powerkon IP65
- Power Input: Seetronic Powerkon IP65
- Data Connectors: 3- and 5-pin XLR, Amphenol XLR Net RJ45 Connectors in/out
- Cable Length (power): 5 ft (1.5 m)

## Control

- Control Protocol: Art-Net, sACN, DMX, W-DMX
- DMX Channels: 25 or 32
- Art-Net Channels: 25 or 32
- Modes/Personalities: 2 personalities (25, 32)

## Electrical

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power and Current: 670 W, 6.70 A @ 100 V, 60 Hz
- Power and Current: 660 W, 5.45 A @ 120 V, 60 Hz
- Power and Current: 637 W, 3.10 A @ 208 V, 60 Hz
- Power and Current: 632 W, 2.79 A @ 230 V, 50 Hz
- Power and Current: 630 W, 2.70 A @ 240 V, 50 Hz
- Power and Current (resting): 80 W, 0.801 A @ 100 V, 60 Hz
- Power and Current (resting): 80 W, 0.665 A @ 120 V, 60 Hz
- Power and Current (resting): 84 W, 0.397 A @ 208 V, 60 Hz
- Power and Current (resting): 84 W, 0.356 A @ 230 V, 50 Hz
- Power and Current (resting): 89 W, 0.361 A @ 240 V, 50 Hz
- Power Linking 12 A: 0@100 V, 2@120 V, 3@208 V, 4@230 V, 4@240 V

## Certifications / Qualifications

- CE, MET, FCC
- IP Rating: IP20, dry location
- Noise Level (ambient): 37 dB level @ 1 m
- Noise Level (Static - Full): 47.3 dB level @ 1 m
- Noise Level (Static - Eco): 40.7 dB level @ 1 m
- Noise Level (Static - Auto): 40.9 dB level @ 1 m
- Noise Level (Max): 49.5 dB level @ 1 m
- Temperature (startup): -4 °F to 113 °F (-20 °C to 45 °C)
- Temperature (operating): -22 °F to 113 °F (-30 °C to 45 °C)

## What's Included

- Maverick Force 1 Spot
- Seetronic Powerkon IP65 power cord
- 2 Omega brackets with mounting hardware
- Quick Reference Guide