



Maverick Force 1 Spot

A lightweight and compact moving head spot fixture that delivers a powerful 20,000-lumen output and a comprehensive effects package with CMY+CTO color mixing, an expansive zoom, gobos, and an animation wheel.

Perfect for touring applications, theatrical productions, and live events where a powerful, feature-rich spot fixture is needed in a compact and lightweight frame.

- Features a powerful 470 W cool white LED engine with a 7500 K color temperature.
- Includes a color wheel with CRI and CTB filters for enhanced color rendering and correction.
- Delivers a wide 6.3° to 54.4° zoom range that maintains a flat field of focus.
- Create layered effects with dual gobo wheels, an animation wheel, and a 5-facet prism.
- Provides comprehensive beam shaping with a motorized iris, focus, and variable frost filter.
- Supports versatile control options including DMX, Art-Net, sACN, and onboard W-DMX.

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:

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

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

Certifications: CE, MET, FCC

IP Rating: IP20, dry location

Noise Levels:

Noise Level (Ambient): 37 dB level @ 1 m

Noise Level (Idle): 28.5 dB(A) @ 1 m

Noise Level (Max): 39.6 dB level @ 1 m

Noise Level (Eco): 36.8 dB level @ 1 m

Noise Level (Auto): 44.4 dB level @ 1 m

Noise Level (Full): 47.8 dB level @ 1 m

Temperatures:

Temperature (Startup): -4 °F to 113 °F (-20 °C to 45 °C)

Temperature (Operating): -22 °F to 113 °F (-30 °C to 45 °C)

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

What's Included

Maverick Force 1 Spot

Seetronic Powerkon IP65 power cord

2 Omega brackets with mounting hardware

Quick Reference Guide