

# Maverick Force S Profile



## SPECIFICATIONS

### Optical

- Light Source: 1 LED (CW) 350 W, (2.7 A), 8400K, 50,000 hours life expectancy
- Color Temperature (at full): 6937K
- CRI: 69
- CRI with CRI filter: 89.6
- Front Lens Dia: 119 mm
- Beam Angle: 4.5° to 35.9°
- Field Angle: 5.2° to 40.5°
- Zoom Angle: 5.8° to 41.6°
- Lumens - Source: 20,000
- Lumens - Output: 14,669
- Illuminance (4.5°) 51,865 lux @ 5 m
- Illuminance (41.6°) 1,648 lux @ 5 m
- Selectable PWM: 600 Hz, 1200 Hz, 4000 Hz, 6000 Hz, 15000 Hz

### Dynamic Effects

- Pan and Tilt: 540°/270°
- Pan and Tilt Ranges: 540°, 360°, 180° pan/270°, 180°, 90° tilt
- Colors: 7 + white, split colors, continuous scroll at variable speeds
- Colors: CMY Wheels
- Gobos (1): 7 + open (glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds
- Gobos (2): 9 + open (metal), continuous scroll at variable speeds
- Gobo Size (1): Gobo Wheel 1 (rotating): 25.5 mm (outside), 17 mm (image), 1.1 mm (max. thickness)
- Framing Shutters: 4 blades, each with dual axis movement.
- Framing Shutter rotation: 120°
- 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
- IP Rated Seetronic® Powerkon Extensions
- Flight Case
- UPLOAD\_08 software uploader

## FEATURES

- Fully featured, compact and lightweight 350 W LED yoke profile fixture including CMY color mixing, a color wheel, zoom optics, framing shutters with rotation, and two gobo wheels, one rotating, and one static
- 16-bit dimming of master dimmer for smooth control of fades
- Variable CMY color mixing system to create a wide pallet of colors
- DMX, WDMX, sACN, and Art-Net for full flexibility of control options
- RDM Enabled for remote addressing and trouble shooting
- 4.5° to 41.6° zoom range for variable beam sizes
- Iris, 5-facet prism, and frost for beam control
- 4 blade framing shutters with dual axis movement, full wipe, and 120 degree total module rotation
- 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 (361 x 238 x 639 mm)
- Weight: 52.9 lb (24 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-pin 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, RDM, W-DMX
- DMX Channels: 31 or 47
- Art-Net Channels: 31 or 47
- Modes/Personalities: 2 personalities (31, 47)

## Electrical

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 2 units @ 100 V; 2 units @ 120 V; 5 units @ 208 V; 4 units @ 230 V; 5 units @ 240 V
- Power and Current: 580 W, 5.82 A @ 100 V, 60 Hz [9.0 A in-rush]
- Power and Current: 563 W, 4.75 A @ 120 V, 60 Hz [8.0 A in-rush]
- Power and Current: 547 W, 2.69 A @ 208 V, 60 Hz [15.0 A in-rush]
- Power and Current: 546 W, 2.44 A @ 230 V, 50 Hz [17.0 A in-rush]
- Power and Current: 543 W, 2.33 A @ 240 V, 50 Hz [16.0 A in-rush]
- Power and Current (resting): 86 W, 0.929 A @ 100 V, 60 Hz
- Power and Current (resting): 85 W, 0.757 A @ 120 V, 60 Hz
- Power and Current (resting): 82 W, 0.449 A @ 208 V, 60 Hz
- Power and Current (resting): 81 W, 0.412 A @ 230 V, 50 Hz
- Power and Current (resting): 79 W, 0.404 A @ 240 V, 50 Hz

## Certifications / Qualifications

- CE, MET, FCC
- IP Rating: IP20, dry location
- Noise Level (ambient): 37.5 dB level @ 1 m
- Noise Level (Static - Full): 47.1 dB level @ 1 m
- Noise Level (Static - Eco): 37.9 dB level @ 1 m
- Noise Level (Static - Auto): 38.1 dB level @ 1 m
- Noise Level (Max): 45.9 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 S Profile
- Seetronic Powerkon IP65 power cord
- 2 Omega brackets with mounting hardware
- Quick Reference Guide