

# Maverick Storm 3 Profile

## FEATURES

- Fully-featured, compact, and lightweight IP65 620 W LED yoke profile fixture including CMY + CTO color mixing, a 4-blade framing shutter system with rotation, a color wheel, 18:1 zoom, a 5-facet prism wheel, 1 rotating and 1 static gobo wheel, and integrated sun shield
- 16-bit dimming of master dimmer for smooth control of fades
- 65,000 PWM for use with the fastest frame cameras, but still maintains fantastic dimming
- Variable CMY + CTO color mixing system to create a wide pallet of colors
- CRI and CTB filters on color wheel for added flexibility
- One rotating, indexing, and interchangeable slot and lock gobo wheel
- One static gobo wheel
- DMX, WDMX, sACN, and Art-Net for full flexibility of control options
- RDM control over DMX for fixture reporting
- 3.5° to 57.7° (18:1) zoom range for variable beam sizes
- Iris, 5-facet prism and frost for beam control
- True 1 compatible power input
- Integrated sun shield for protecting the optical path from sunlight when the fixture is off
- 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
- Failsafe Ethernet connectivity allows for data to pass even if fixture power is lost
- NFC for quick and easy fixture setup in the shop or in the field



## SPECIFICATIONS

### OPTICAL

- Light Source: 1 LEDs (CW) 620 W, (4.6 A), 7500 K, 50,000 hours life expectancy
- Color Temperature (at full): 7062 K
- CRI: 72.3
- CRI with CRI Filter: 90.2
- Front Lens Diameter: 165 mm
- Beam Angle: 3.5° to 51.5°
- Field Angle: 4.1° to 54.3°
- Cutoff Angle: 4.3° to 57.7°
- Zoom Range: 3.5° to 57.7°
- Lumens – Output: 34,500 lm
- Illuminance (3.5°) 165,664 lux @ 5 m
- Illuminance (56.7°) 2,173 lux @ 5 m
- PWM Frequency: 600Hz, 1500Hz, 2000Hz, 65,000Hz

### 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 wheel, CTO wheel
- Gobos (1): 7 + open (glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds
- Gobos (2): 9 + open (glass), continuous scroll at variable speeds
- Gobo Size: Gobo Wheel 1 (rotating): 25.5 mm (outside), 18 mm (image), 1.1 mm (max. thickness)
- Framing Shutters: 4 Blades, each with dual axis movement, Full blackout.
- Framing Shutter rotation: +/- 60° rotation.
- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Zoom: Motorized
- Focus: Motorized
- Frost: Motorized
- Iris: Motorized
- Animation: Motorized
- Prism: 5 Facets, motorized, rotating
- Strobe Rate: 0 to 25 Hz
- Move-in-Black: Yes
- Dim Curves: 4

## CONSTRUCTION / PHYSICAL

- Dimensions: 15.27 x 10.55 x 29.21 in (388 x 268 x 742 mm)
- Weight: 69 lb (31.3kg)
- Exterior Color: Black
- Housing Material: Aluminum diecast, High-impact flame-retardant polymer, Steel

## CONNECTIONS

- Power Connection: Seetronic Powerkon IP65
- Power Input: Seetronic Powerkon IP65
- Data Connectors: 5-pin IP rated XLR, Seetronic IP rated RJ45 Connectors in/out
- Cable Length (power): 5 ft (1.5 m)

## CONTROL

- Control Protocol: Art-Net, DMX, RDM, W-DMX, sACN
- DMX Channels: 34 or 50
- Art-Net Channels: 34 or 50
- Modes/Personalities: 2 personalities (34, 50)

## ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power and Current: 1020 W, 8.5 A @ 120 V, 60 Hz
- Power and Current: 1020 W, 4.82 A @ 208 V, 60 Hz
- Power and Current: 1010 W, 4.39 A @ 230 V, 50 Hz
- Fuse: F15 AL, 250 V

## BATTERY

## CERTIFICATIONS / QUALIFICATIONS

- CE, MET, FCC, CB, UKCA
- IP Rating: IP65, temporary outdoor/wet use, with pressure equalizing M12 GORE valve

## WHAT'S INCLUDED

- Maverick Storm 3 Profile
- Seetronic Powerkon IP65 power cord to Edison
- Omega bracket with mounting hardware

## OPTIONAL ACCESSORIES

- Clamps: CTC-50HC, CTC-50G, CTC-50CBLK, CTC 50HCN, CTC-50HCNBLK
- RigLink powerCON cables
- RigLink etherCON cables
- RigLink DMX Cables
- Flight Cases
- CP Rack
- IP tester