



Maverick Storm 3 Profile

A compact, high-output IP65-rated moving profile featuring an 18:1 zoom, a full framing system, CMY+CTO color mixing, and a complete effects package. Ideal for touring, outdoor festivals, and theatrical applications requiring a powerful, feature-rich, and weather-resistant profile fixture.

- Delivers over 30,000 lumens from a powerful 620W 7500K LED engine.
- Features a four-blade framing system with full rotational capability for precise beam shaping.
- Includes a color wheel with dedicated CRI and CTB filters for enhanced color rendering.
- Offers dual gobo wheels, a 5-facet prism, iris, and frost for layered visual effects.
- Integrated SunShield technology protects internal optics from sun damage when the fixture is idle.
- Supports DMX, WDMX, sACN, and Art-Net protocols for flexible system integration.

SPECIFICATIONS

Optical

Light Source: 1 LEDs (CW) 620 W, (4.6 A), 7500 K, L70 rating: 33,000 Hours under LED manufactures test conditions (LM-80: 6,000 hrs).

Color Temperature (at full): 7062 K

CRI: 72.3

CQS: 73

TLCI: 49

CRI with CRI Filter: 90.2

CQS with CRI filter: 89.2

TLCI with CRI Filter: 79

CTO Color Temperature at Full: 3122K

CTB Color Temperature: 8307K

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:

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 (Red, Orange, Green, Magenta, UV, CRI) + 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

Certifications / Qualifications

Certifications: CE, MET, FCC, CB, UKCA

IP Rating: IP65, temporary outdoor/wet use, with pressure equalizing M12 GORE valve

Noise Levels:

Idle: 30.0 dB(A) @ 1 m

Auto: 41.1 dB(A) @ 1 m

Full: 51.5 dB(A) @ 1 m

ECO: 40.6 dB(A) @ 1 m

TV25: 40.6 dB(A) @ 1 m

TV35: 40.6 dB(A) @ 1 m

Max: 41.2 dB(A) @ 1 m

Optional Accessories

Clamps: CTC-50HC, CTC-50G, CTC-50CBK, CTC 50HCN, CTC-50HCNBLK

RigLink powerCON cables

RigLink etherCON cables

RigLink DMX Cables

Flight Cases

CP Rack

IP tester

What's Included

Maverick Storm 3 Profile

Seetronic Powerkon IP65 power cord to Edison

Omega bracket with mounting hardware