Maverick Storm 2 Profile M

A rugged, C5M marine-grade, and IP65-rated profile moving head fixture that offers enhanced corrosion resistance and a comprehensive suite of features including precise shutter framing, CMY + CTO color mixing, gobos, and effects.

Perfectly suited for permanent outdoor installations, cruise ships, theme parks, and touring applications, especially in coastal or marine environments requiring maximum protection against corrosion.

- Features a powerful 588 W cool white LED engine with a 50,000-hour life expectancy.
- Built with C5M marine-grade paint, aluminum construction, and a protective SunShield.
- Delivers a versatile 5.8° to 56.1° zoom range for flexible beam shaping and coverage.
- Offers variable CMY + CTO mixing and a color wheel with high-CRI and CTB filters.
- Includes dual gobo wheels, a 5-facet prism, iris, and frost for dynamic effect layering.
- Provides precise beam control with a fully rotational four-blade framing shutter system.

SPECIFICATIONS

Optical

Light Source: 1 LEDs (CW) 588 W, (4.6 A), 7500 K, 50,000 hours life expectancy

Color Temperature (at full): 7,242 K

CRI: 71.4

CRI with CRI Filter: 90.3

Front Lens Diameter: 127 mm

Beam Angle: 6° to 42°

Field Angle: 7.1° to 54.1°

Cutoff Angle: 7.7° to 56.5°

Zoom Range: 6° to 54.1°

Lumens – Source: 43,500

Lumens – Output: 25,840

Illuminance (6°): 70,007 lux @ 5 m

Illuminance (54.1°): 2,624 lux @ 5 m

Selectable PWM: 600 Hz, 1,200 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 flags, CTO flag

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

Prism: 5 Facets, motorized, rotating

Strobe Rate: 0 to 20 Hz

Move-in-Black: Yes

Dim Curves: 4

Construction / Physical

Dimensions: 9.92 x 15.28 x 27.52 in (252 x 388 x 699 mm)

Weight: 70.2 lb (31.9 kg)

Exterior Color: C5M rated (White)

Housing Material: Aluminum diecast, High-impact flame-retardant polymer, Steel

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Connections

Power Connection: Termination-ready bare-ended

Power Input: proprietary IP65

Data Connection: bare wired to proprietary IP65 input cable

Data input/output: Termination-ready bare-ended

Cable Length (power input): 5 ft (1.5 m)

Cable Length (hardwire connection): 6.6 ft (2 m)

Cable Length (signal in/out): 5 ft (1.5 m)

Cable Length (signal hardwire connection): 6.6 ft (2 m)

Control

Control Protocol: Art-Net, DMX, RDM, W-DMX, sACN

DMX Channels: 32 or 48

Art-Net Channels: 32 or 48

Modes/Personalities: 2 personalities (32, 48)

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power and Current: 800 W, 8.20 A @ 100 V, 60 Hz

Power and Current: 800 W, 6.82 A @ 120 V, 60 Hz

Power and Current: 779 W, 3.77 A @ 208 V, 60 Hz

Power and Current: 763 W, 3.41 A @ 230 V, 50 Hz

Power and Current: 767 W, 3.34 A @ 240 V, 50 Hz

Breaker Size: F15 A, 250 V

Certifications / Qualifications

Certifications: CE, MET, FCC

IP Rating: IP66, temporary outdoor/wet use, with pressure equalizing M12 GORE valve

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

Optional Accessories

Professional Clamps : CTC-50HC, CTC-50HCN
Safety Cable: SC-08
DMX Cables
IP Rated Seetronic® Powerkon Extensions
UPLOAD 08 software uploader
Micro T-1 TRX G5 WDMX Transceiver
FLIGHT CASE TBA

What's Included

Maverick Storm 2 Profile (Marine)
Omega bracket with mounting hardware (2 Allen Key bolts)
Display cover

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