



## Maverick MK3 Spot

A high-output LED spot fixture delivering over 51,000 lumens, featuring a full complement of professional effects including CMY + CTO color mixing, a 9:1 zoom, adjustable CRI, three gobo wheels, an animation wheel, dual prisms, and two frost options.

Perfect for large-scale applications like touring, concerts, broadcast, and theatre that demand powerful, high-CRI output and a vast arsenal of creative effects.

- Features an 820W LED engine with an adjustable CRI up to 93 for superior color rendering.
- Delivers a versatile 6.1° to 52.1° zoom range, maintaining a flat field of focus.
- Creates complex aerial effects with two independent and overlapping 5-facet prisms.
- Provides total beam control with a motorized iris and two distinct frost options.
- Includes a dedicated 6-slot color wheel for instant access to rich, saturated colors.
- Supports versatile system integration with DMX, Art-Net, sACN, and W-DMX control.

### SPECIFICATIONS

#### Optical

**Light Source:** 1 LEDs (CW) 820 W, (24 A), 7,472 K, 50,000 hours life expectancy

**Color Temperature (at full):** 7,207 K

**Front lens diameter:** 147 mm

**CRI:** 73.8

**CRI w / Filter:** 93.2

**Beam Angle:** 6.1° to 52.1°

**Field Angle:** 7.6° to 60.5°

**Zoom Range:** 6.1° to 62°

**Cutoff Angle:** 8.1° to 62°

**Lumens – Source:** 51,000

**Lumens – Output:** 22,000

**Illuminance (7.6°):** 56,945 lux @ 5 m

**Illuminance (60.5°):** 1,920 lux @ 5 m

**Illuminance w / CRI filter (7.6°):** 39,011 lux @ 5 m

**Illuminance w / CRI filter (60.5°):** 1242 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:** 6 + white, split colors, continuous scroll at variable speeds

**Colors:** CMY flags, CTO flag, CRI filter, color correction

**Gobos (1):** 7 + open (7 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds

**Gobos (2):** 7 + open (7 glass), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds

**Gobos (3):** 8 + open (8 metal), 2 rotating, 1 static gobo wheel.

**Gobo Size:** Gobo Wheel 1 (rotating): 30 mm (outside), 23 mm (image), 1.1 mm (max. thickness)

**Gobo Size:** Gobo Wheel 2 (rotating): 30 mm (outside), 21 mm (image), 1.1 mm (max. thickness)

**Gobo Size:** Gobo Wheel 3 (static): 160 mm (outside), 22 mm (image), 0.8 mm (max. thickness)

**Effect Wheel:** 1 effects

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Zoom:** Motorized

**Focus:** Motorized

**Frost 1:** Light Frost – Motorized

**Frost 2:** Medium Frost – Motorized

**Iris:** Motorized

**Prism:** 5 Linear facets, motorized, rotating

**Prism:** 5 Circular facets, motorized, rotating

**Strobe Rate:** 0 to 25 Hz

**Move-in-Black:** Yes

**Dim Modes:** 5

## Construction / Physical

**Dimensions:** 16.10 x 11.92 x 29.76 in (409 x 303 x 756 mm)  
**Weight:** 72.9 lb (33 kg)  
**Exterior Color:** Black  
**Housing Material:** High-impact flame-retardant polymer, Steel

## 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, DMX, W-DMX, RDM, sACN  
**DMX Channels:** 31 or 39  
**Art-Net Channels:** 31 or 39  
**Modes/Personalities:** 2 personalities (31, 39)

## Electrical

**Input Voltage:** 100 to 240 VAC, 50/60 Hz (auto-ranging)  
**Power and Current:** 1180 W, 9.90 A @ 120 V, 60 Hz  
**Power and Current:** 1160 W, 5.60 A @ 208 V, 60 Hz  
**Power and Current:** 1150 W, 5.04 A @ 230 V, 50 Hz

## Certifications / Qualifications

**Certifications:** CE, MET, FCC  
**IP Rating:** IP20, dry location  
**Temperature (Ambient):** -4 °F to 113 °F (-20 °C to 45 °C)

## Optional Accessories

Professional Clamps: CTC-50HC, CTC-50HCN  
Safety Cable: SC-07  
IP Rated Seetronic® Powerkon Extensions  
DMX cables  
Ethercon extension cables  
Flight Case: CP2CASEMK  
UPLOAD 08 software uploader

## What's Included

Maverick MK3 Spot  
Seetronic Powerkon IP65 power cord  
2 Omega brackets with mounting hardware