



The MAC Viper Profile is a new breed of high-output profile luminaire with an exceptional feature set and highly efficient optical system that outperforms market-leading profiles in the 1200-watt range. Its 1000-watt HID source is convincingly brighter than 1200-watt fixtures and the MAC Viper Profile also outperforms them in terms of speed and compactness. Power consumption is lower and output is approximately 55% more efficient.

- 26000 lumens Excellent light quality with a very flat and uniform field
- 1:5 zoom Fast zoom with auto-linked focus
- Fat beam front lens The 140 mm front lens exceeds the size of any other fixture in this segment for just the right fat beam look
- 5 + 5 rotating gobos All glass gobos with optimal focal separation for superior morphing effects
- FX wheel Patent-pending FX wheel provides an additional 4 fixed gobos and 135° animation effect
- CMY Vibrant color mixing with a superior palette of colors including true reds, rich ambers, primary green and deep blues
- 8-slot color wheel Fixed colors for added color choice
- Linear CTO Daylight to tungsten CCT control and expansion of the CMY palette
- Dimmer and shutter - Combined dimmer/shutter system with intensity effects, instant blackout/open and smooth fades
- Iris Fast and tight iris with adjustable dynamic effects
- Strobe Diverse strobe effects using mechanical or electronic control or in combination
- Soft frost A light frost leaves gobo artwork visible with a beautiful soft edge. Includes a linear focus blurring option
- 4-facet prism Real beam separation with rotation and index control for dynamic effects and accurate tiling

**Physical** Length (Head): 566 mm (22.3 in.)  
 Width: 472 mm (18.6 in.)  
 Width (Base): 335 mm (13.2 in.)  
 Height (head straight up): 731 mm (28.8 in.)  
 Height (maximum): 748 mm (29.4 in.)  
 Weight: 36 kg (79.4 lbs.)

**Lamp** Approved lamp: Osram HTI 1000/PS Lok-it  
 Type: 1000 W short-arc discharge  
 Color temperature: 6000 K  
 CRI (Color rendering index): >85  
 Average lifetime: 750 hours  
 Socket: PGJ28 Lok-it  
 Ballast: Electronic

**Dynamic Effects** Color mixing: CMY, independently variable 0 - 100%  
 Color temperature control: CTO, variable 6000 - 3200 K  
 Color wheel: 8 interchangeable dichroic filters + open, indexing, continuous rotation, random color  
 Aerial wheel: 5 interchangeable aerial effects + open, indexing, continuous rotation and shake  
 Breakup wheel: 5 interchangeable texture/breakup gobos + open, indexing, continuous rotation and shake  
 FX wheel: Interchangeable static gobo and gobo animation effects  
 Prism: Interchangeable 4-facet rotating prism  
 Iris: 0 - 100%, pulse effects  
 Frost: Frost filter

Mechanical dimmer/shutter: 0 - 100% continuous dimming, variable & random strobe & pulse effects, instant open & blackout

Dimming options: Choice of four dimming curves

Focus: Range varies with zoom angle, from 2 m (6.6 ft.) / 6 m (19.7 ft.) to infinity (approx.)

Zoom: 10° - 44°

Zoom-focus linking system: 3-zone

Pan: 540°

Tilt: 268°

Position correction system: Absolute position monitoring

### Control and Programming

DMX channels: 26/34

Setting and addressing: Control panel with backlit graphic display and jog wheel or via DMX

16-bit control: Aerial, breakup and texture effect rotation and indexing, focus, zoom, pan and tilt

DMX compliance: USITT DMX512-A

RDM compliance: ANSI/ESTA E1.20

Receiver: Opto-isolated RS-485

Firmware update: USB memory device or USB/DMX hardware interface over DMX link

### Service Utilities

Fixture identification: User-settable fixture ID number

### Construction

Color(s): Black

Housing: UV-resistant fiber-reinforced composite

Reflector: Glass, cold light

Protection rating: IP20

### Gobos

Size: E27 (Size E, max. image diameter 27 mm)

Approved material: Borosilicate 3.3 or better with dichroic or heavy matted aluminum coating (metal gobos not approved)

Outside diameter: 37.5 mm (1.5 in.) +/- 0.2 mm (0.01 in.)

Maximum image diameter: 27 mm (1.1 in.)

Maximum thickness: 1.1 mm (0.04 in.) +/- 0.1 mm (0.004 in.)

### Installation

Mounting points: Eight quarter-turn locking points

Orientation: Any

Minimum distance to illuminated surfaces: 1.6 m (5.2 ft.)

Minimum distance to combustible materials: 0.3 m (1.0 ft.)

### Connections

AC power input: Neutrik PowerCon

DMX and RDM data in/out: 5-pin locking XLR

USB memory devices: USB host socket

### Electrical

AC power: 120-240 V nominal, 50/60 Hz

Power supply unit: Auto-ranging electronic switch-mode

Typical half-cycle RMS inrush current: 16.2 A

### Typical Power and Current

120 V, 60 Hz: 1225 W, 10.3 A, PF 0.999

208 V, 60 Hz: 1190 W, 5.8 A, PF 0.996

230 V, 50 Hz: 1186 W, 5.2 A, PF 0.994

240 V, 50 Hz: 1194 W, 5.0 A, PF 0.993

*Measurements made at nominal voltage. Allow for a deviation of +/- 10%.*

*PF = power factor*

### Thermal

Cooling: Filtered forced air (temperature-regulated, low noise)

Maximum ambient temperature (Ta max.): 40° C (104° F)

Minimum ambient temperature (Ta min.): 5° C (41° F)

Maximum surface temperature, steady state, Ta=40° C (104° F): 150° C (302° F)

Total heat dissipation (calculated, +/- 10% at 120 V, 60 Hz): 4180 BTU/hr

### Approvals



EU safety: EN 60598-2-17 (EN 60598-1), EN 62471

EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61547

US safety: UL 1573

US EMC: FCC Part 15 Class A

Canadian safety: CSA E598-2-17 (CSA E60598-1)

Canadian EMC: ICES-003 Class A  
Australia/NZ: C-TICK N4241

<b>Included Items</b>	Lamp (installed): P/N 97010346 Two Omega clamp attachment brackets with 1/4-turn fasteners: P/N 91602001 Safety and installation manual: P/N 35000258
<b>Accessories</b>	Power cable, AWG12, SJT, with Neutrik PowerCon NAC3FCA input connector, 3 m (9.8 ft.): P/N 11541503 Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804 Omega clamp attachment bracket with 1/4-turn fasteners: P/N 91602001 T-shaped omega clamp attachment bracket with 1/4-turn fasteners: P/N 91602008 Half-coupler clamp: P/N 91602005 G-clamp (suspension with yoke vertically downwards only): P/N 91602003 Quick-trigger clamp (suspension with yoke vertically downwards only): P/N 91602007 Safety wire, safe working load 50 kg (110.2 lbs.): P/N 91604003 Flightcase for 2 x MAC Viper: P/N 91510180
<b>Related Items</b>	Martin USB Duo™ DMX Interface Box: P/N 90703010 Martin RDM 5.5 Splitter™: P/N 90758150
<b>Spare Parts</b>	Replacement lamp: P/N 97010346 Head air filter
<b>Ordering Information</b>	MAC Viper™ Profile in cardboard box: P/N 90233000 MAC Viper™ Profile in double flightcase: P/N 90233010
<b>Shipping Information</b>	<b>In cardboard carton</b> Shipping dimensions (LxWxH): TBA Shipping weight: TBA Quantity on pallet: TBA Pallet dimensions (LxWxH): TBA Pallet volume: TBA Pallet weight (incl. pallet): TBA <b>In flightcase</b> Shipping dimensions (LxWxH): TBA Shipping weight: TBA Quantity on pallet: TBA Pallet dimensions (LxWxH): TBA Pallet volume: TBA Pallet weight (incl. pallet): TBA

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