



**The MAC Viper Profile is a new breed of high-output profile luminaire with an exceptional feature set, superior light quality and a highly efficient optical system. It outperforms all market-leading profiles in the 1200-watt range and is even an alternative to 1500-watt fixtures. The Viper Profile is not only brighter, it is also a faster and more compact solution. With its 1000-watt HID source, the Viper consumes less power, making it over 50% more efficient than its 1200-watt rivals.**

26000 Lumens – Excellent light quality with a very flat and uniform field and 6000K color temperature

1:5 zoom – Fast zoom with auto-linked focus

Large aperture front lens – The 140 mm front lens exceeds the size of any other fixture in this segment for just the right fat beam look

2 x 5-slot rotating gobo wheels - 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 – Static colors and correction filters for added color choice and bump effects

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

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| <b>Physical</b>        | Length (Head): 566 mm<br>Width: 472 mm<br>Width (Base): 335 mm<br>Height (head straight up): 731 mm<br>Height (maximum): 748 mm<br>Weight: 37.2 kg  |
| <b>Lamp</b>            | Type: 1000 W short-arc discharge<br>Color temperature: 6000 K<br>CRI (Color rendering index): >85<br>Average lifetime: 750 hours<br>Socket: PGJX36<br>Ballast: Electronic<br>Approved lamps: Osram HTI 1000/PS Lok-it, Philips MSR Gold MiniFastFit 1000W |
| <b>Dynamic Effects</b> | Color mixing: CMY, independently variable 0 - 100%<br>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  
 Zoom: 10° - 44°  
 Zoom-focus linking system: 3-zone  
 Pan: 540°  
 Tilt: 268°  
 Position correction system: Absolute position monitoring  
 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 m to infinity (approx.)

**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 +0/- 0.2 mm  
 Maximum image diameter: 27 mm  
 Maximum thickness: 1.1 mm +/- 0.1 mm

**Installation**

Mounting points: Eight quarter-turn locking points  
 Orientation: Any  
 Minimum distance to illuminated surfaces: 3.4 m  
 Minimum distance to combustible materials: 0.3 m

**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*

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| <b>Thermal</b>              | Cooling: Filtered forced air (temperature-regulated, low noise)<br>Maximum ambient temperature (Ta max.): 40° C<br>Minimum ambient temperature (Ta min.): 5° C<br>Maximum surface temperature, steady state, Ta=40° C: 150° C<br>Total heat dissipation (calculated, +/- 10% at 120 V, 60 Hz): 4180 BTU/hr |
| <b>Approvals</b>            | EU safety: EN 60598-2-17 (EN 60598-1), EN 62471<br>EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61547<br>US safety: UL 1573<br>US EMC: FCC Part 15 Class A<br>Canadian safety: CSA E598-2-17 (CSA E60598-1)<br>Canadian EMC: ICES-003 Class A<br>Australia/NZ: C-TICK N4241                                |
| <b>Included Items</b>       | Lamp (installed): 97010346<br>Two Omega clamp attachment brackets with 1/4-turn fasteners: 91602001<br>Safety and installation manual: 35000258  |
| <b>Related Items</b>        | Martin USB Duo™ DMX Interface Box: 90703010<br>Martin RDM 5.5 Splitter™: 90758150  |
| <b>Spare Parts</b>          | Osram HTI 1000/PS Lok-it lamp: 97010346<br>Head air filter:  |
| <b>Ordering Information</b> | MAC Viper™ Profile in cardboard box: 90233000<br>MAC Viper™ Profile in double flightcase: 90233010   |
| <b>Shipping Information</b> | <b>In cardboard carton</b><br>Shipping dimensions (LxWxH): 580 mm x 450 mm x 870 mm<br>Shipping weight: 41 kg<br>Quantity on pallet: 8 fixtures<br>Pallet dimensions (LxWxH): 1200 mm x 1000 mm x 1860 mm<br>Pallet weight (incl. pallet): 350 kg<br><b>In double flightcase</b>                           |

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