



This unique beam fixture with linear zoom system projects a super-narrow pencil beam of high intensity light and is available as an easy-to-install front lens replacement kit for any standard MAC Viper AirFX. Ideal for big beam effects and long throws, it houses the same high-quality feature set as the MAC Viper AirFX, including a vibrant color mixing system and stunning aerial effects, and has inherited the same compact form, impressive speed and superior light quality from a 1000-watt lamp.

Front lens replacement kit - Easy installation on any MAC Viper AirFX

Precision micro-fresnel front lens

Delivers high intensity pencil beams for long throws

Eliminates need to invest in a new fixture

Continuous and fast zoom with auto-linked focus

CMY – Vibrant color mixing with a superior palette of colors including true reds, rich ambers, primary green and deep blues

7-slot color wheel – Static colors and correction filters for added color choice

Rotating gobo wheel with 5 replaceable designs

Static gobo wheel with 7 designs

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

Diverse strobe effects

Physical Length (Head): 701 mm
Width: 473 mm
Width (Base): 335 mm
Height (head straight up): 866 mm
Height (maximum): 885 mm
Weight: 37.6 kg

Lamp Type: 1000 W short-arc discharge
Color temperature: 6000 K
CRI (Color rendering index): >85
Average lifetime: 750 hours
Socket: PGJX36
Ballast: Electronic
Approved lamps: Osram HTI 1000/PS Lok-it, Philips MSR Gold MiniFastFit 1000W

Dynamic Effects Color mixing: CMY, independently variable 0 - 100%
Color temperature control: CTO, variable 6000 - 3200 K
Color wheel: 7 interchangeable dichroic filters + open, indexing, continuous rotation, random color

	<p>Rotating aerial effects: 5 interchangeable rotating aerial effect gobos, wheel and gobo indexing, continuous rotation and shake</p> <p>Static gobo wheel: Interchangeable wheel with 7 integral gobos, wheel indexing and continuous rotation, random gobo</p> <p>Wash effect: Fade in/out</p> <p>Position correction system: Absolute position monitoring</p> <p>Iris: 0 - 100%, pulse effects</p> <p>Mechanical dimmer/shutter: 0 - 100% continuous dimming, variable & random strobe & pulse effects, instant open & blackout</p> <p>Dimming options: Choice of four dimming curves</p> <p>Zoom: Motorized</p> <p>Pan: 540°</p> <p>Tilt: 268°</p>
Control and Programming	<p>DMX channels: 20/28</p> <p>Setting and addressing: Control panel with backlit graphic display and jog wheel or via DMX</p> <p>16-bit control: Dimmer, aerial effect indexing, focus, zoom, pan and tilt</p> <p>DMX compliance: USITT DMX512-A</p> <p>RDM compliance: ANSI/ESTA E1.20</p> <p>Receiver: Opto-isolated RS-485</p> <p>Firmware update: USB memory device or USB/DMX hardware interface over DMX link</p>
Service Utilities	<p>Fixture identification: User-settable fixture ID number</p>
Photometric Data	<p>Max. total output: 28 500 lm</p> <p>Cutoff angles: 7.5° - 31°</p> <p><i>Preliminary data</i></p>
Construction	<p>Color(s): Black</p> <p>Housing: UV-resistant fiber-reinforced composite</p> <p>Reflector: Glass, cold light</p> <p>Protection rating: IP20</p>
Gobos	<p>Size: E27 (Size E, max. image diameter 27 mm)</p> <p>Approved material: Borosilicate 3.3 or better with dichroic or heavy matted aluminum coating (metal gobos not approved)</p> <p>Outside diameter: 37.5 mm +0/- 0.2 mm</p> <p>Maximum image diameter: 27 mm</p> <p>Maximum thickness: 1.1 mm +/- 0.1 mm</p>
Installation	<p>Mounting points: Eight quarter-turn locking points</p> <p>Orientation: Any</p> <p>Minimum distance to illuminated surfaces: 3.4 m</p> <p>Minimum distance to combustible materials: 0.3 m</p>
Connections	<p>AC power input: Neutrik PowerCon</p> <p>DMX and RDM data in/out: 5-pin locking XLR</p> <p>USB memory devices: USB host socket</p>
Electrical	<p>AC power: 120-240 V nominal, 50/60 Hz</p> <p>Power supply unit: Auto-ranging electronic switch-mode</p> <p>Typical half-cycle RMS inrush current: 16.2 A</p>
Typical Power and Current	<p>120 V, 60 Hz: 1225 W, 10.3 A, PF 0.999</p> <p>208 V, 60 Hz: 1190 W, 5.8 A, PF 0.996</p> <p>230 V, 50 Hz: 1186 W, 5.2 A, PF 0.994</p> <p>240 V, 50 Hz: 1194 W, 5.0 A, PF 0.993</p> <p><i>Measurements made at nominal voltage. Allow for a deviation of +/- 10%.</i></p>

PF = power factor

Thermal	Cooling: Filtered forced air (temperature-regulated, low noise) Maximum ambient temperature (Ta max.): 40° C Minimum ambient temperature (Ta min.): 5° C Maximum surface temperature, steady state, Ta=40° C: 150° C 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
Included Items	Lamp (installed): 97010346 Two Omega clamp attachment brackets with 1/4-turn fasteners: 91602001 Safety and installation manual:
Related Items	Martin USB Duo™ DMX Interface Box: 90703010 Martin RDM 5.5 Splitter™: 90758150
Spare Parts	Osram HTI 1000/PS Lok-it lamp: 97010346 Head air filter:
Ordering Information	MAC Viper™ Beam Kit: 91614053
Shipping Information	In cardboard carton Shipping dimensions (LxWxH): 580 mm x 450 mm x 870 mm Shipping weight: 39 kg Quantity on pallet: 8 fixtures Pallet dimensions (LxWxH): 1200 mm x 1000 mm x 1860 mm Pallet weight (incl. pallet): 334 kg In double flightcase Shipping dimensions (LxWxH): 1200 mm x 580 mm x 850 mm Shipping weight: 70 kg

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