



The MAC Viper Wash is a full-range wash luminaire capable of performing at the high level you would expect from a professional wash light. It features an outstanding quality of light with unlimited color choices and excellent color stability across the entire beam. It maintains near full efficiency throughout the entire zoom range with no visible beam jump when zooming from tight to wide. The MAC Viper Wash has adopted the compact form, impressive speed, superior light quality and beautiful colors that the MAC Viper Profile is renowned for and uses the same 1000-watt lamp.

33000 Lumens – Excellent light quality with a uniform field and 6000K color temperature

1:5 zoom - Continuous and fast

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

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

Diverse strobe effects

Physical Length (Head): 566 mm
Width: 472 mm
Width (Base): 335 mm
Height (head straight up): 731 mm
Height (maximum): 748 mm
Weight: 33 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
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.)
Zoom: 13.5° - 59°
Pan: 540°
Tilt: 268°
Position correction system: Absolute position monitoring

Control and Programming DMX channels: TBA

Setting and addressing: Control panel with backlit graphic display and jog wheel or via DMX
16-bit control: TBA
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

Photometric Data Max. total output: 33 000 lm
Beam angle: 13.5° - 59°
Preliminary data

Construction Color(s): Black
Housing: UV-resistant fiber-reinforced composite
Reflector: Glass, cold light
Protection rating: IP20

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*

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 (pending): UL 1573
US EMC: FCC Part 15 Class A
Canadian safety (pending): 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: 35000258

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™ Wash in cardboard box: 90233050 MAC Viper™ Wash in double flightcase: 90233060
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 Quantity on pallet: 4 fixtures Pallet dimensions (LxWxH): 1200 mm x 1220 mm x 1010 mm Pallet weight (incl. pallet): 302 kg

Published on: 8 Jul 2014. © 2013-2014 Martin Professional ApS. Specifications subject to change without notice