

# Specifications

## Physical

Length (base)	472 mm (18.6 in.)
Length (head)	566 mm (22.3 in.)
Width	473 mm (18.6 in.)
Width (base)	335 mm (13.2 in.)
Height (head straight up)	732 mm (28.8 in.)
Height (maximum)	749 mm (29.5 in.)
Weight	33 kg (72.8 lbs.)
Minimum center-to-center distance in side-by-side installation	650 mm (25.6 in.)

## Lamp

Type	1000 W short-arc discharge
Approved lamp	Osram HTI 1000/PS Lok-it
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
Dimmer/shutter	0 - 100% continuous dimming, regular and random strobe and pulse effects, instant open and blackout
Dimming options	Choice of four dimming curves
Pan	540°
Tilt	268°
Position correction system	Absolute position monitoring

## MAC Viper Wash DX only

Color wheel	7 interchangeable dichroic filters + open, indexing, continuous rotation, random color
Internal barndoors	Twin-blade system, independent blade control with continuous opening and 110° rotation, can be used in combination with iris
Iris	Continuously variable 0 - 100%, pulse effects

## Control and programming

DMX channels	18/19/24
Setting and addressing	Control panel with backlit graphic display and jog wheel or via DMX
16-bit control	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

## Construction

Color	Black
Housing	UV-resistant fiber-reinforced composite
Reflector	Glass, cold light
Protection rating	IP20

## Installation

Mounting points	Eight 1/4-turn locking points, octagonal layout
Orientation	Any
Minimum distance from illuminated surface	3.4 m (11.2 ft.)
Minimum distance from combustible materials	0.3 m (12 in.)

## Connections

AC power input	Neutrik PowerCon socket (accepts NAC3FCA connector)
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	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

Maximum ambient temperature ( $T_a$ )	40° C (104° F)
Maximum surface temperature, steady state, $T_a = 40° C$	150° C (302° F)
Cooling	Filtered forced air (temperature-regulated, low noise)
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

Osram HTI 1000/PS Lok-it lamp	P/N 97010346
2 omega clamp attachment brackets with quarter-turn fasteners	2 x P/N 91602001
Safety and Installation Manual	P/N 35000270

## Accessories

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
PC lens module for MAC Viper	P/N 91614050
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	P/N 91604003
Flightcase for 1 x MAC Viper	P/N 91510200
Flightcase for 2 x MAC Viper	P/N 91510180

## Spare parts

Osram HTI 1000/PS Lok-it lamp	P/N 97010346
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## Related Items

Martin USB Duo™ USB-DMX Interface Box	P/N 90703010
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## Ordering information

MAC Viper Wash™ in cardboard packing case . . . . .	P/N 90233050
MAC Viper Wash™ in 2-unit flightcase . . . . .	P/N 90233060
MAC Viper Wash DX™ in cardboard packing case . . . . .	P/N 90233070
MAC Viper Wash DX™ in 2-unit flightcase . . . . .	P/N 90233080

**Specifications subject to change without notice. For the latest product specifications including photometric data, see [www.martin.com](http://www.martin.com)**

<p style="text-align: center;"><b>RISK GROUP 3:</b></p> <p><b>WARNING</b> IR emitted from this product. Avoid eye exposure. Use appropriate shielding or eye protection. Do not look at operating lamp.</p> <p><b>Caution</b> Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eyes.</p>	<p><b>Photobiological Safety Warning</b></p> <p>The label shown on the left is displayed on this product. If it becomes difficult or impossible to read, it must be replaced using the illustration on the left to reproduce a new label.</p> <p><b>FCC Compliance</b></p> <p>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.</p> <p><b>Canadian Interference-Causing Equipment Regulations - <i>Règlement sur le Matériel Brouilleur du Canada</i></b></p> <p>This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. <i>Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le Matériel Brouilleur du Canada.</i></p>
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