

Specifications

Physical

Length	408 mm (16.0 in)
Width	490 mm (19.3 in)
Height	750 mm (29.5 in)
Weight	38 kg (83.8 lbs)

Lamp

Type	1500 W short arc discharge
Fitted as standard	Osram HTI 1500 W/D7/60 SharXS
Color temperature	6000 K
CRI (color rendering index)	>90
Average lifetime	750 hours
Hot restrike	Yes
Base	Double-ended SFC 10-4 with key
Ballast	Electronic

Dynamic Effects

CMY	Independently variable 0 - 100%
Color Temperature Correction	0 - 178 mireds, continuously variable
Color wheel	2 wheels, each with 4 interchangeable filters + open position
Dimmer/shutter	Full range dimming, strobe effect up to 10 Hz, pulse effects, instant open and blackout
Zoom	Motorized
Hypermode	Extra bright, narrow beam
Pan	540°
Tilt	267°

Control and Programming

DMX channels	19/21
Setting and addressing	Control panel with LED display
16-bit control	Pan & tilt
Movement control options	Tracking and vector
Protocol	USITT DMX512/1990
Receiver	Opto-isolated RS-485
Firmware update	Serial upload via DMX link

Construction

Housing	UV-resistant fiber-reinforced composite
Color	Black
Reflector	Glass, cold light
Protection rating	IP 20

Installation

Minimum distance to combustible materials	1 m (39 in.)
Minimum distance to illuminated surfaces	3 m (10 ft.)
Minimum distance around fans and vents	0.1 m (4 in.)
Orientation	Any
Mounting points	8 pairs of 1/4-turn locks, 45° possible

Connections

AC power input	3 m integral cable without power plug
DMX data in/out	3-pin and 5-pin locking XLR

Electrical

AC power	200-240 V nominal, 50/60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Main fuse	15 AT (x 2)
Fuse F101	T 6.3 A
Fuse F102	T 10 A
Fuse F103	T 3.15 A
Fuse F104	T 3.15 A

Typical Power and Current

200 V, 50 Hz	1787 W, 9.0 A, PF 0.993
208 V, 60 Hz	1793 W, 8.7 A, PF 0.991
230 V, 50 Hz	1780 W, 7.8 A, PF 0.989
230 V, 60 Hz	1787 W, 7.9 A, PF 0.987
240 V, 50 Hz	1773 W, 7.5 A, PF 0.988

PF = Power Factor

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

Thermal

Cooling	Filtered forced air (temperature-regulated)
Maximum ambient temperature (T_a)	40° C (104° F)
Maximum surface temperature, steady state, $T_a = 40° C (104° F)$	175° C (347° F)
Total heat dissipation (calculated, +/- 10% at 230 V, 50 Hz)	6120 BTU/hr.

Color Filters

Shape	Hexangular
Thickness	1.2 mm
Type	Dichroic

Approvals



EU safety	EN 60598-2-17
EU EMC	EN 55015, EN 55103-1, EN 61547
US safety	UL 1573
Canadian safety	CSA/CAN CSA E60598-1, E598-2-17

Included Items

Osram HTI 1500 W/D7/60 SharXS lamp (installed)	P/N 97010322
Front module with Fresnel lens (installed)	P/N 55203003
Front module with PC lens	P/N 55203006
Front module with super wide multi-array lens	P/N 55203012
30 mm aperture ring	P/N 23807480
40 mm aperture ring	P/N 23807460
45 mm aperture ring	P/N 23807470
Two Omega clamp attachment brackets with 1/4-turn fasteners	P/N 91602001
User manual	P/N 35000219

Accessories

GE CSR1500/S/DE/60S Staybright lamp	P/N 97010332
Philips MSR Gold 1510 SA/DE lamp	P/N 97010345
MAC 2000 Wash + XB Beam Kit	P/N 91610103
MAC 2000 Wash Dimmer Wheel	P/N 62324018
Micro-Fresnel lens (very narrow beam angle)	P/N 91610092
T-shaped omega bracket with quarter-turn fasteners	P/N 91602008
G-clamp	P/N 91602003
Half-coupler clamp	P/N 91602005
Quick trigger clamp	P/N 91602007
Safety wire, universal, 50 kg safe work load	P/N 91604003
Super Truss 20.5" mounting plate with half-couplers	P/N 91602014
Swing-wing truss mounting plate with half-couplers	P/N 91602010
Double flightcase (SIP) for MAC 2000 Series	P/N 91510170

Related Items

Martin DABS1™ USB-XLR interface device and cables P/N 91611144
Martin USB Duo™ DMX Interface Box P/N 90703010

Spare Parts

Osram HTI 1500 W/D7/60 SharXS lamp P/N 97010322
15 AT main fuse P/N 05020039

Ordering Information

MAC 2000 Wash XB™ in 2-unit flight case P/N 90204000
MAC 2000 Wash XB™ in cardboard packing case P/N 90204015
MAC 2000 Wash XB™ Upgrade Kit (upgrades standard Wash to Wash XB) P/N 91310980

Specifications subject to change without notice. See www.martin.com for latest product specifications and photometric data.