MAC 2000 Wash XB

This highly reliable and extremely high output wash light is established as industry standard with a proven design and housing that is more compact than any of its competitors.

FEATURES

- 1500 W short arc discharge

- CMY color mixing system

- 2 x 4 position color wheels plus open

- Variable CTC

- Strobe effect up to 10 Hz, pulse effects, instant open and blackout

- Motorized zoom

- PC,Fresnel and micro-Fresnel (all included) and super-wide lenses

- Mechanical dimming

- Pan and tilt range of 540°/267°

- Electronic ballast with hot lamp restrike and flicker free light

- Variable fan control for quieter operation

TECHNICAL SPECIFICATIONS

Physical
Length: 408 mm
Width: 490 mm
Height: 750 mm, head straight up
Weight: 38 kg

Dynamic Effects
Color mixing: CMY, independently variable 0 - 100%
Color correction: 0 - 178 mireds, continuously variable
Color wheel: 2 wheels, each with 4 interchangeable filters + open position
Mechanical dimmer: 0 - 100%
Shutter: Strobe effect up to 10 Hz, pulse effects, instant open and blackout
Zoom: Motorized
Hyper mode: Narrow beam with diffuser removed
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

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
Socket: Double-ended SFc 10-4 with key
Ballast: Electronic

Optics
Beam angle: PC lens 12.5° - 35°, Fresnel lens 12.5° - 39°, multi-array super-wide lens 73° - 91°, 1/10 peak angles, with 50 mm aperture

Construction
Color(s): Black
Housing: UV-resistant fiber-reinforced composite

Reflector: Glass, cold light
Protection rating: IP20

Installation
Mounting points: 4 pairs of 1/4-turn locks, 45° orientation possible
Orientation: Any

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)

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

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

Approvals
EU safety: EN 60598-2-17
EU EMC: EN 55 015, EN 55 103-1, EN 61 547
US safety: UL 1573
Canadian safety: CAN/CSA E60598-1, CAN/CSA E598-2-17

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

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

Related Items
Martin USB Duo™ DMX Interface Box: 90703010

Spare Parts
Osram HTI 1500 W/D7/60 SharXS lamp: 97010322
15 AT main fuse: 05020039

Ordering Information
MAC 2000 Wash XB in double flightcase: 90204000
MAC 2000 Wash XB in cardboard box: 90204015
MAC 2000 Wash XB™ Upgrade Kit (upgrades standard MAC 2000 Wash™ to Wash XB): 91310980