

The MAC 2000 Profile is a high performance luminaire with a gobo animation system, full CMY mixing and a framing system, effect wheel and a combined color and gobo wheel.

PHYSICAL	<p>Length: 408 mm (16.1 in.) Width: 490 mm (19.3 in.) Height: 743 mm (29.3 in.), head straight up Weight: 38 kg (83.8 lbs.), electronic ballast model Weight: 45 kg (99.2 lbs.)</p>
LAMP	<p>Type: 1200 W short arc discharge Fitted as standard: Philips MSR 1200 SA/DE Gold Color temperature: 6000 K CRI (Color rendering index): >85 Average lifetime: 750 hours Hot restrike: Yes on electronic ballast models Socket: Double-ended SFC 10-4 with key Ballast: Electronic (on E models) or magnetic Approved alternative lamp(s): Osram HTI 1200 D7/60 SharXS</p>
DYNAMIC EFFECTS	<p>Color mixing: CMY, independently variable 0 - 100% Color temperature control: 0 - 178 mireds, continuously variable Color/gobo wheel: 4 interchangeable filters (incl. UV transmitter), 3 interchangeable glass gobos + open, full and split colors, continuous rotation Rotating gobos: 2 wheels, each with 5 interchangeable gobos + open, indexing, continuous gobo rotation, shake Beam effects: Effect wheel with variable frost, rotating beamshaper and rotating 3-facet prism Mechanical dimmer: 0 - 100% Shutter: Strobe effect 2 - 10 Hz, pulse effects, instant open and blackout Iris: 15 - 100% diameter, pulse effects Focus: 2 m (6.6 ft.) to infinity Zoom: 10° - 28° Pan: 540° Tilt: 267°</p>
CONTROL AND PROGRAMMING	<p>DMX channels: 20/24 Setting and addressing: Control panel with LED display 16-bit control: Rotating gobos, pan & tilt Movement control options: Tracking and vector Protocol: USITT DMX512/1990 Receiver: Opto-isolated RS-485 Firmware update: Serial upload via DMX link</p>
CONSTRUCTION	<p>Color(s): Black Housing: UV-resistant fiber-reinforced composite Reflector: Glass, cold light Protection rating: IP 20</p>
GOBOS	<p>Outside diameter: 37.5 mm (1.5 in.) +0/- 0.3 mm (0.01 in.) Maximum image diameter: 30 mm (1.2 in.) Maximum thickness: 7 mm (0.3 in.) (glass), 0.5 mm (0.02 in.) aluminum Recommended glass: High-temperature Borofloat or better with dichroic or enhanced aluminum coating</p>
INSTALLATION	<p>Mounting points: 4 pairs of 1/4-turn locks, 45° orientation possible Orientation: Any</p>
CONNECTIONS	<p>AC power input: 3 m (9.8 ft.) integral cable without power plug DMX data in/out: 3-pin and 5-pin locking XLR</p>
ELECTRICAL	<p>AC power: 100-120/208-240 V nominal, 50/60 Hz (electronic ballast) AC power: 200-240 V nominal, 50/60 Hz (magnetic ballast) Power supply unit: Auto-ranging electronic switch-mode (electronic ballast models) Main fuse: 15 AT (x 2, for use with 208-240 V power) Main fuse: 20 AT (x 2, for use with 100-120 V power)</p>
THERMAL	<p>Cooling: Filtered forced air (temperature-regulated) Maximum ambient temperature (Ta max.): 40° C (104° F) Maximum surface temperature, steady state, Ta=40° C (104° F): 140° C (284° F) Total heat dissipation (calculated, +/- 10% at 110 V, 60 Hz / 230 V, 50 Hz): 5290 / 5050 BTU/hr.</p>

APPROVALS



EU EMC: EN 50 081-1, EN 50 082-1
 EU safety: EN 60598-1, EN 60598-2-17
 Canadian safety: CSA C22.2 No. 166
 US safety: ANSI/UL 1573

INCLUDED ITEMS

Philips MSR 1200 SA/DE Gold lamp (installed): P/N 97010310
 Two Omega brackets with 1/4-turn fasteners: P/N 91602001
 User manual: P/N 35000090

ACCESSORIES

Wide angle lens kit (14° - 35°, mounts on effect wheel): P/N 91610020
 Osram HTI 1200 D7/60 SharXS lamp: P/N 97010304
 G-clamp: P/N 91602003
 Half-coupler clamp: P/N 91602005
 MAC 2000 double flightcase: P/N 91510017

ORDERING INFORMATION

MAC 2000 Profile II in cardboard box: P/N 90205615
 MAC 2000 Profile II in single flightcase: P/N 90205610
 Two MAC 2000 Profile IIs in 2-unit flightcase: P/N 90205600
 MAC 2000 Profile II E in cardboard box: P/N 90205815
 MAC 2000 Profile II E in single flightcase: P/N 90205810
 Two MAC 2000 Profile II Es in 2-unit flightcase: P/N 90205800

Photometric Data

MAGNETIC BALLAST, STANDARD , ZOOM AT MINIMUM	Efficiency: 16% One-tenth peak angle: 12.2° Total output: 17800 lm
MAGNETIC BALLAST, STANDARD , ZOOM AT MEDIAN	Efficiency: 15% One-tenth peak angle: 17.3° Total output: 16900 lm
MAGNETIC BALLAST, STANDARD , ZOOM AT MAXIMUM	Efficiency: 16% One-tenth peak angle: 28.7° Total output: 17100 lm
ELECTRONIC BALLAST, STANDARD , ZOOM AT MINIMUM	Efficiency: 17% One-tenth peak angle: 11.9° Total output: 19000 lm
ELECTRONIC BALLAST, STANDARD , ZOOM AT MEDIAN	Efficiency: 16% One-tenth peak angle: 17.3° Total output: 17800 lm
ELECTRONIC BALLAST, STANDARD , ZOOM AT MAXIMUM	Efficiency: 16% One-tenth peak angle: 28.1° Total output: 18000 lm

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