



The MAC 700 Wash is an exceptionally powerful wash light with a clean, even, soft-edged beam, a motorized zoom, indexible beam shaper and rich CMY color mixing.

- 700 W short arc discharge lamp
- CMY color mixing system
- 8 position color wheel plus open
- Variable CTC
- Motorized zoom
- Mechanical dimming
- Indexing & rotating beam shaper
- Rapid strobe effects (up to 10 Hz)
- Pan and tilt range of 540°/246°
- Variable fan control for quieter operation
- Modular design for easy maintenance and servicing
- Electronic ballast with hot lamp restrike and flicker free light



**PHYSICAL** Length: 450 mm (17.7 in.)  
 Width: 365 mm (14.4 in.)  
 Height: 656 mm (25.8 in.), head straight up  
 Weight: 32 kg (70.5 lbs.)

**LAMP** Type: 700 W short arc discharge  
 Fitted as standard: Osram HTI 700/D4/75  
 Color temperature: 7500 K  
 CRI (Color rendering index): >85  
 Average lifetime: 750 hours  
 Hot restrike: Yes  
 Socket: Double-ended SFc 10-4 with key  
 Ballast: Electronic

**DYNAMIC EFFECTS** Color mixing: CMY, independently variable 0 - 100%  
 Color wheel: 8 interchangeable filters (5 colors, UV, half minus green, CTC) + open  
 Color temperature control: 0 - 100%  
 Mechanical dimmer: 0 - 100%  
 Shutter: Strobe effect 2 - 10 Hz, random strobe, pulse effects  
 Beam shaper: 0° - 360° indexable, continuous rotation  
 Zoom: 12.5° - 66°  
 Pan: 540°  
 Tilt: 246°

**CONTROL AND PROGRAMMING** DMX channels: 16/23  
 Setting and addressing: Control panel with LED display, MP-2 uploader  
 16-bit control: CMY, CTC, color wheel, mechanical dimmer, zoom, 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** Color(s): Black  
 Housing: UV-resistant fiber-reinforced composite  
 Reflector: Glass, cold light  
 Protection rating: IP 20

<b>INSTALLATION</b>	Mounting points: 2 pairs of 1/4-turn locks Orientation: Any
<b>ELECTRICAL</b>	AC power: 100-120/208-240 V nominal, 50/60 Hz Power supply unit: Auto-ranging electronic switch-mode Main fuse (100-120 V power): 15 AT (slow blow) Main fuse (208-240 V power): 6.3 AT (slow blow)
<b>THERMAL</b>	Cooling: Filtered forced air (temperature-regulated, low noise) Maximum ambient temperature (Ta max.): 40° C (104° F) Maximum surface temperature, steady state, Ta=40° C: 160° C (320° F) Total heat dissipation (calculated, +/- 10% at 110 V, 60 Hz / 230 V, 50 Hz): 3340 / 3190 BTU/hr.
<b>APPROVALS</b>	  EU safety: EN 60598-1, EN 60598-2-17 EU EMC: EN 55 015, EN 55 103, EN 61 000-3 US safety: ANSI/UL 1573 Canadian safety: CSA C22.2 No. 166
<b>INCLUDED ITEMS</b>	Osram HTI 700/D4/75 lamp (installed): P/N 97010212 6.3 AT main fuse: P/N 05020020 15 AT main fuse: P/N 05020027 Two Omega brackets with 1/4-turn fasteners: P/N 91602001 User manual: P/N 35000185
<b>ACCESSORIES</b>	Frost filter: P/N 91611263 Half-coupler clamp: P/N 91602005 G-clamp: P/N 91602003
<b>ORDERING INFORMATION</b>	MAC 700 Wash in cardboard box: P/N 90207400 MAC 700 Wash in single flightcase: P/N 90207401

### Photometric Data

<b>STANDARD LENS, ZOOM AT MINIMUM</b>	Efficiency: 35% One-tenth peak angle: 12.5° Total output: 18600 lm
<b>STANDARD LENS, ZOOM AT MEDIAN</b>	Efficiency: 35% One-tenth peak angle: 49.7° Total output: 18700 lm
<b>STANDARD LENS, ZOOM AT MAXIMUM</b>	Efficiency: 21% One-tenth peak angle: 66.3° Total output: 11400 lm