

The MAC 575 Krypton combines super efficient optics for brighter output with outstanding gobos and colors, together with MAC's market-proven, modular construction. It is suited for stages, venues or any space that demands reliable, low-maintenance and no-nonsense performance.

- 575 W discharge lamp
- 2 x 8 position color wheels plus open
- Motorized zoom and focus
- Mechanical dimming
- 9 static and 6 indexable rotating gobos plus open
- Interchangeable 4-facet rotating prism
- Motorized iris
- Strobe effect 2 - 10 Hz, pulse effects, instant open and blackout
- Pan and tilt range of 540°/246°
- Variable fan control for quieter operation
- Modular design for easy maintenance and servicing

**Physical** Length: 450 mm (17.7 in.)  
Width: 365 mm (14.4 in.)  
Height: 636 mm (25.0 in.), head straight up  
Weight: 37.8 kg (83.3 lbs.)

**Lamp** Type: 575 W short-arc discharge  
Fitted as standard: GE CSR 575/S/DE/70  
Color temperature: 7000 K  
CRI (Color rendering index): >65  
Average lifetime: 750 hours  
Hot restrike: No  
Socket: Double-ended SFc 10-4 with key  
Ballast: Magnetic

**Dynamic Effects** Color wheel 1: 8 interchangeable dichroic filters + open, full and split colors, continuous rotation, random color  
Color wheel 2: 8 interchangeable dichroic filters + open, full and split colors, continuous rotation, random color  
Rotating gobo wheel: 6 interchangeable gobos + open, indexing, continuous gobo rotation & scrolling, shake  
Static gobo wheel: 9 interchangeable gobos + open, indexing, continuous rotation, random gobo  
Prism: Interchangeable 4-facet rotating prism  
Iris: 0 - 100%, pulse effects  
Mechanical dimmer: 0 - 100%  
Shutter: Strobe effect 2 - 10 Hz, pulse effects, instant open and blackout  
Focus: 2 m (6.6 ft.) to infinity  
Zoom: Motorized  
Pan: 540°  
Tilt: 246°

**Optics** Beam angle: 16° - 31°, cut-off angles

**Control and Programming** DMX channels: 19/25  
Setting and addressing: Control panel with LED display  
16-bit control: Dimmer, color wheels 1 & 2, rotating gobo indexing, iris, focus, 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 or white  
Housing: UV-resistant fiber-reinforced composite  
Reflector: Glass, cold light  
Protection rating: IP20

**Gobos** Outside diameter: 27.9 mm (1.1 in.) +/- 0.3 mm (0.01 in.)  
Maximum image diameter: 23 mm (0.9 in.)

Maximum thickness: 1.1 mm (0.04 in.) in static slots, 4 mm (0.2 in.) in rotating slots  
 Recommended glass: High-temperature Borofloat or better with dichroic or enhanced aluminum coating  
 Recommended metal: 0.5 mm (0.02 in.) aluminum

**Installation** Mounting points: 2 pairs of 1/4-turn locks  
 Orientation: Any  
 Minimum distance to illuminated surfaces: 1.2 m (3.9 ft.)  
 Minimum distance to combustible materials: 0.5 m (1.6 ft.)

**Connections** AC power input: 3 m (9.8 ft.) 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  
 User-reconfigurable voltage and frequency settings  
 Main fuse: 10 AT (slow blow)

**Typical Power and Current**

200 V, 50 Hz:	788 W, 4.1 A, PF 0.972
200 V, 60 Hz:	778 W, 4.1 A, PF 0.963
208 V, 60 Hz:	797 W, 4.0 A, PF 0.960
230 V, 50 Hz:	817 W, 3.7 A, PF 0.981
230 V, 60 Hz:	804 W, 3.9 A, PF 0.907
240 V, 50 Hz:	813 W, 3.5 A, PF 0.976

*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 (104° F)  
 Maximum surface temperature, steady state, Ta=40° C (104° F): 160° C (320° F)  
 Total heat dissipation (calculated, +/- 10% at 230 V, 50 Hz): 2800 BTU/hr.

**Approvals**



EU safety: EN 60598-1, EN 60598-2-17  
 EU EMC: EN 55 015, EN 55 103-1, EN 61 547  
 US safety: ANSI/UL 1573  
 Canadian safety: CSA C22.2 No. 166

**Included Items** GE CSR 575/S/DE/70 lamp (installed): P/N 97010230  
 Two Omega clamp attachment brackets with 1/4-turn fasteners: P/N 91602001  
 User manual: P/N 35000206

**Accessories** G-clamp: P/N 91602003  
 Half-coupler clamp: P/N 91602005  
 Omega bracket: P/N 91602001  
 T-shaped omega bracket with quarter-turn fasteners: P/N 91602008  
 Quick trigger clamp: P/N 91602007  
 Safety wire, universal, safe working load 50 kg (110.2 lbs.): P/N 91604003  
 Double flightcase, MAC 550, MAC 575, MAC 700: P/N 91510020

**Related Items** Martin Universal USB/DMX Interface Box: P/N 90702045

**Spare Parts** GE CSR 575/S/DE/70 lamp: P/N 97010230  
 Air filter (head, side): P/N 20800170  
 10 AT main fuse: P/N 05020025

**Ordering Information** MAC 575 Krypton Low Noise, black, in cardboard box: P/N 90216100  
 MAC 575 Krypton Low Noise, black, double flightcase: P/N 90216001  
 MAC 575 Krypton Low Noise, white, in cardboard box: P/N 90216030

Photometric Data

**Standard , Zoom at Minimum** Efficiency: 27%  
Efficacy: 13 lumens per watt  
Half-peak angle: 11.5°  
Total output: 10900 lm

**Standard , Zoom at Median** Efficiency: 26%  
Efficacy: 13 lumens per watt  
Half-peak angle: 14°  
Total output: 10700 lm

**Standard , Zoom at Maximum** Efficiency: 28%  
Efficacy: 14 lumens per watt  
Half-peak angle: 20°  
Total output: 11100 lm

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