

Stage Color 300 and Stage Light 300

Technical data

Power supply

- 220-240V 50Hz
- 200V 50Hz - 230V 60Hz
- 200V 60Hz
- 120V 60Hz
- 100V 50Hz
- 100V 60Hz

Lamps

Metal iodide lamp powered by a special unit incorporated in the fixture.

- Type HTI 300W
 - Cap Sfc 10-4
 - Color temperature 6.500 K
 - Luminous flux 22.000 lm
 - Average life 750 h
- Type HMD 300W
 - Cap Sfc 10-4
 - Color temperature 5.700 K
 - Luminous flux 20.000 lm
 - Average life 3.000 h

Power consumption

- 200-240V 50/60Hz version: 600VA at 230V 50Hz (standard 35 μ F power factor correction).
- 100-120V 50/60Hz version: 900VA at 120V 60HZ.

Motors

- N. 9 microstepping motors with full microprocessor control.

Optical system Stage Color 300

- High luminous efficiency elliptical reflector.
- Fresnel lens: diameter 152 mm, focal length 100 mm.

Optical system Stage Light 300

- Base in diecast aluminium.
- Twin lens condenser.
- High luminous efficiency spherical reflector.
- Standard Zoom lens, Focal 75/115 (17,5° ÷ 24°).
- Optional Zoom lens, Focal 115/170 (12° ÷ 16°).

Channels

N. 8 + 2 control channels.

Inputs

- DMX 512
- RS232/423 (PMX)

Moving body

- Movements produced by two microprocessor controlled microstepping motors.
- Automatic PAN and TILT repositioning in the event of accidental movement not ordered from the desk.
- Range: PAN = 450° - TILT = 252°
- Max. speed:
 - PAN = 2.4 sec (360°) - TILT = 2.0 sec (252°)
- Resolution:
 - PAN = $\pm 1.76^\circ$ - FINE PAN = $\pm 0.007^\circ$
 - TILT = $\pm 0.98^\circ$ - FINE TILT = $\pm 0.004^\circ$

Safety devices

- Dual-pole automatic overload cut-out.
- Power supply shuts off automatically in the case of overheating or cooling system failure.
- Power shuts off automatically when cover is opened.
- Two safety wire anchor points.

Cooling

Forced ventilation cooling system using axial flow fans.

Housing

- Made of diecast aluminium and steel with epoxy powder coating.
- Two lateral transport handles.
- PAN and TILT lock system for transportation and maintenance.

Operating position

Will function in any position.

Stage Color 300 weights

- 200-240V version: 22.4 kg (49lbs 4oz).
- 100-120V version: 23.5 kg (51lbs 11oz).

Stage Light 300 weights

- 200-240V version: 22.5 kg (49lbs 8oz).
- 100-120V version: 23.6 kg (51lbs 15oz).

