

CP COLOR MH

The professional moving head wash:
compact, light, silent, essential and perfect
for every budget



CP Color MH (= Moving Head) is the result of CP Color 400's experience and success. It gives extraordinary colour to all environments with any chromatic tone imaginable, whilst maintaining maximum uniformity of beam angle from 10° to 80°, thanks to the versatility of its optional filters.

Very easy to install, it was designed for all those environments demanding dynamically colourful scenes, such as theatres, television studios, live performances, exhibitions, conventions and many more. The list of possible applications is endless: CP Color MH is a truly versatile professional colour changer with low operation costs (built-in PFC correction) that fits easily into any budget.



PROFESSIONAL SHOW LIGHTING

Power supply

- 230 V 50 Hz • 240 V 50 Hz • 208 V 60 Hz
- 200 V 50 Hz • 200 V 60 Hz

Input power

750 VA to 230V 50Hz (Correction 70 µF Standard).

Lamp

Metal iodide lamp type HSR 400 W Osram or MSR 400 W Phillips (colour temp. 5,600; luminous flux 33,000 lm, average life 650 h, GX 9.5 connection).

Motors: 10 step motors, operating with microsteps, totally controlled by a microprocessor.

Optical unit

- Elliptic reflector with high luminous efficiency.
- Maximum uniformity of light even up close.

Colours: CMY Colour mixing with selected dichroic filters for infinite shades of colour.

Dimmer: Mechanical dimmer from 0 to 100% to gradually dim the light beam.

Input: DMX 512 signal.

Body

- In die-cast aluminium and steel.
- Epoxy powder painting.
- Two side handles for carrying.

CHANNELS

- 1 - Cyan
- 2 - Magenta
- 3 - Yellow
- 4 - Dimmer
- 5 - Pan
- 6 - Tilt
- 7 - Pan Fine (adj)
- 8 - Tilt Fine (adj)



CMY Colour mixing for infinite shades of colour.



Optional barndoors



Optional quick mounting plate

Moving head

- Selectable 8 or 16-bit resolution of Pan and Tilt movements.
- Automatic Pan and Tilt repositioning after accidental or random movements.
- Projector body lock of both Pan and Tilt mechanisms for ease of transport.
- Movement by means of two microstep motors, controlled by microprocessor.
- Movement: - PAN = 450° - TILT = 221.4°
- Maximum speeds:
 - PAN = 4.0 s (360°) - TILT = 2.8 s (221.4°)
- Resolution:
 - PAN = ± 1.76° - PAN FIN = ± 0.007°
 - TILT = ± 0.86° - TILT FIN = ± 0.0034°

CE Marking: In conformity with the European Union Low Voltage Directive 73/23 and Electromagnetic Compatibility Directive 89/336.

Safety devices

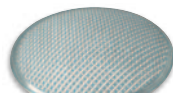
- Bipolar circuit breaker with thermal protection.
- Automatic break in power supply in case of overheating.
- Disconnection of the power supply when opening the lamp cover.
- Two fixing points for safety cable.

Cooling: Forced ventilation with axial fans.

Working position: Functions in any position.

Weight: 27.4 kg (60lbs, 4 ozs).

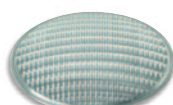
Optional Ø 205 mm filters



Diffusion filter for 80° beam angle



Frost filter "90"



Ovalising filter, revolving - manually adjustable

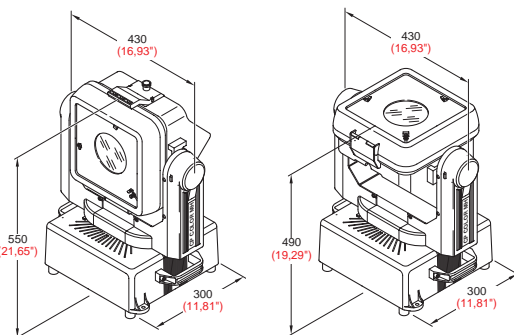


Frost filter "400"

Note: all of the filters may be installed directly on the projector body

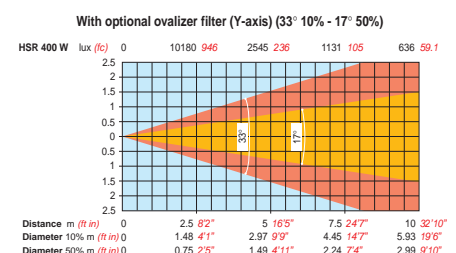
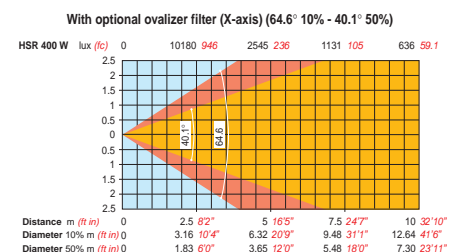
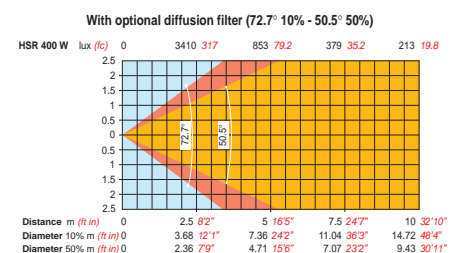
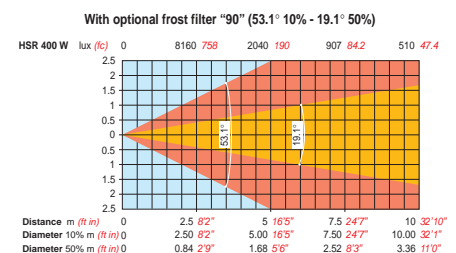
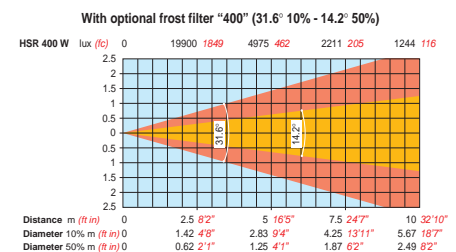
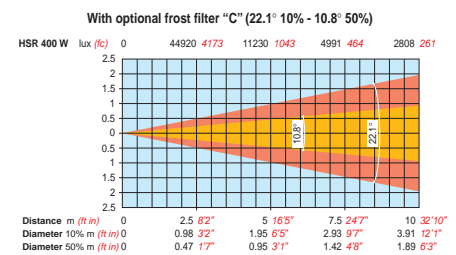
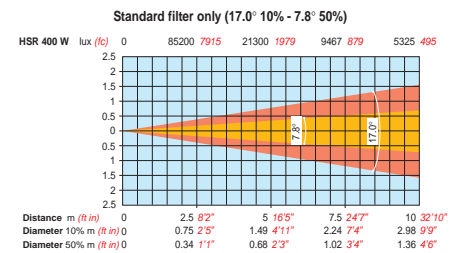
COMMERCIAL CODES

C11199	CP Color MH
L10007	Philips MSR lamp
L10047	Osram HSR lamp
C31173	Barndoors
C61110	Quick mounting plate
080392/001	Frost filter "90" Ø 205 mm
080392/002	Frost filter "400" Ø 205 mm
080382/001	Diffusion filter Ø 205 mm
080383/001	Ovalising filter Ø 205 mm



Dimensions (mm / inches)

Luminosity diagrams



Key: diameter 10% - 50%: light beam diameter corresponding to 10% and 50% of maximum illuminance.

