DESCRIPTION

The fixture shall provide a very powerful 8,000 hot lumens output for washing areas up to 5m / 17ft high.
The fixture shall be suitable for creating a wide range of cyclorama flood, border, wall wash, effects and feature lighting applications in the entertainment and architectural sectors.
The fixture shall provide RGBA colour mixing.
The fixture shall provide a high CRI of 92.
The fixture shall provide a smooth, linear dimming curve.
The fixture shall offer a choice of HSI, Fx HSI, RGB, RGBA, RGB (*Magic Amber™) and sRGBI (Magic Amber) control modes.
The fixture shall feature a built-in stand-alone mode with real-time triggering.
The fixture shall feature a built-in power supply.
The fixture shall be manufactured from extruded material.

*A Magic Amber is the term used for the unit’s ability to bring in amber when mixing colours that require it.

FEATURES

• Create a wide range of cyclorama flood, border, wall wash, effects and feature lighting applications in the entertainment and architectural sectors.
• 8,000 hot lumens output easily washes 8m / 26 foot.
• Extremely smooth, uniform wash.
• RGBA colour mixing.
• Radically increased colour palette.
• High CRI of 92.
• Theatrical grade dimming.
• Rugged extruded aluminium body.
• Built-in power supply.
• Hidden fixing and cable management for seamless wall washing and fast deployment.
• Perfect for theatre, TV, concert touring, exhibitions and corporate events.
• Optional ‘Cyc’ and ‘Border’ lens media accessories available.

ORDERING INFORMATION

CHCF48NFRGBA: Chroma-Q Color Force 48 RGBA body finished in black
CHCF48BDRRGBA: Chroma-Q Color Force 48 c/w Border lens, RGBA body finished in black
CHCF48CYCRGBA: Chroma-Q Color Force 48 c/w Cyc lens, RGBA body finished in black

ACCESSORIES

CHCFBL48: Chroma-Q Border lens for Color Force 48
CHCFCL48: Chroma-Q Cyc lens for Color Force 48

OVERALL SPECIFICATIONS

Net dimensions: Width: 1,180mm / 46.5”
Height: 182mm / 7.25”
Depth: 177mm / 7”

Net weight: 15kg / 33lb

Shipping dimensions: Width: 1,295mm / 51”
Height: 305mm / 12”
Depth: 320mm / 12.5”

Shipping weight: 18kg / 40lb

Power input rating: 100-240V AC, 50-60 Hz, 400VA

Power consumption: 480W

Typical power & current: Measurements done with all LEDs at max.
intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

Power connector in/out: PowerCon

Data connectors in/out: XLR 5-pin

Control protocol: ANSI E1.11 USITT DMX 512-A

Cooling system: Forced - 2x fans

Operating temperature: 0°C to 40°C

Construction: Anodised aluminium extrusion

Colour: Black

LED engines: 8

LEDs per cell: 24 (6 x RGBA)

Total LEDs: 192

Control modes: 31 channels Fx HSI
24 channels HSI
32 channels RGB (*Magic Amber)
33 channels sRGBI (*Magic Amber)
9 channels Fx HSI
3 channels HSI
3 channels RGB
4 channels RGBA
5 channels sRGBI (*Magic Amber)
1 channel DMX Look Select

Dimming curve: Theatrical

Variable effects engine: Yes

Effects parameters:

Hot lumen output: White 8,000 hot lumens (prelim) 92

CRI: Specialised close focus lens

23° (approx.)

Optics: 80 x 30° (approx.)

Beam angle: 60° (approx.)

Asymmetrical direct illumination

Beam angle with optional Cyc lens:

Beam angle with optional Border lens:

Beam distribution:

CCT:

Lamp life:

IP rating:

Built-in hardware:

Quick release lever for tilt adjustment

www.chroma-q.com
OVERALL SPECIFICATIONS (cont.)

Approvals:
- CSA C22. No. 166-M1983/R2008 UL
- 1573:2003; UL 8750