



Chroma-Q™
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.5
Chroma-Q™ Color Force™ 48
RGBA LED Fixture
Part No: CHCF48NFRGBA

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.

*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
CHCF48BDRRGB: 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 supply:	Built-in
Power input rating:	100-240V AC, 50-60 Hz, 400VA
Power factor:	0.995
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 24 channels RGB (*Magic Amber) 32 channels RGBA 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 Theatrical
Dimming curve:	Yes
Variable effects engine:	Yes
Effects parameters:	Grouping, colour speed, colour fan, colour range, colour step, intensity effects and intensity fan
Hot lumen output:	White 8,000 hot lumen (prelim)
CRI:	92
Optics:	Specialised close focus lens
Beam angle:	23° (approx.)
Beam angle with optional Cyc lens:	80 x 30° (approx.)
Beam angle with optional Border lens:	60° (approx.)
Beam distribution:	Asymmetrical direct illumination
CCT:	Adjustable 1,000 – 10,000K
Lamp life:	L70 up to 50,000 hours
IP rating:	IP20
Built-in hardware:	Quick release lever for tilt adjustment

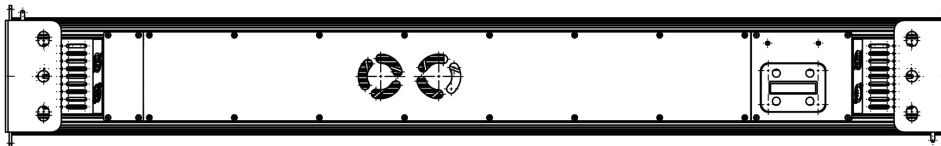
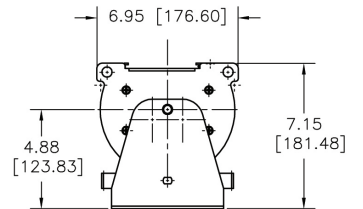
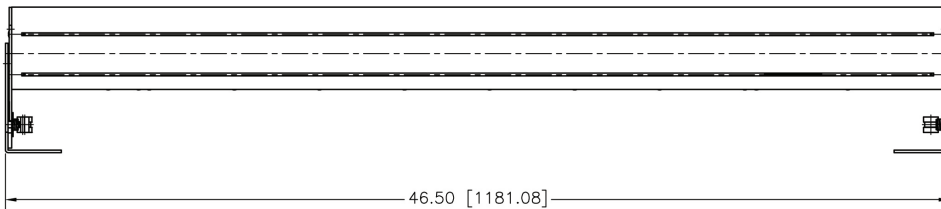
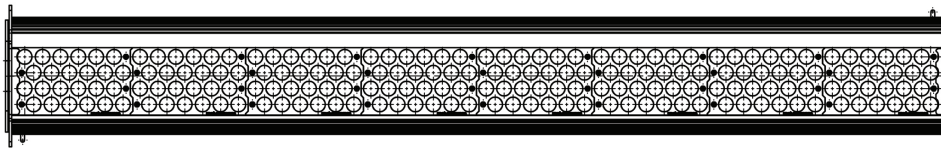


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OVERALL SPECIFICATIONS (cont.)

Approvals: CISPR 22 :2006/EN55022 :2006 & CISPR
24 :1997/EN55024 :1998, ICES-003
:2004 & FCC Part 15 Subpart B: 2007,
CSA C22. No. 166-M1983:R2008 UL
1573:2003; UL 8750



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