



Chroma-Q™
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.3
Chroma-Q™ Color Force™ 12
RGBA Multi-Purpose LED Fixture
Part No: CHCF12NFRGBA

DESCRIPTION

The fixture shall provide a very powerful 2,400 hot lumens output for washing areas up to 8m / 26ft high.
The fixture shall be suitable for a wide range of entertainment lighting disciplines, including uplighting, pipe-end, shin-busting, backlighting and wash applications.
The fixture shall be suitable for floor, wall or truss mounting.
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 (*Magic Amber™), RGBA, RGBI (Magic Amber), St RGBI (Magic Amber) and St RGBA 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

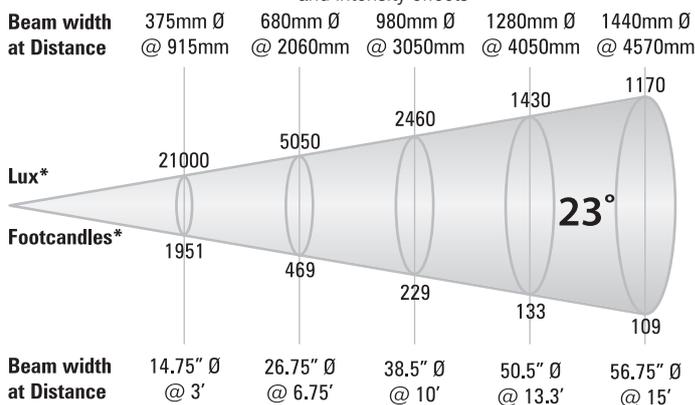
- Suitable for a wide range of entertainment lighting disciplines.
- Floor, wall or truss mountable.
- 2,400 hot lumens output easily washes 8m / 26 foot.
- Extremely smooth, uniform wash.
- RGBA colour mixing.
- Radically increased colour palette.
- High CRI of 92.
- Theatrical grade dimming.
- Rugged 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.
- Optional Barn Door, Top Hat and Half Top Hat accessories available.

OVERALL SPECIFICATIONS

Net dimensions: Width: 335mm / 13.2"
Height: 190mm / 7.5"
Depth: 218mm / 8.6"
Net weight: 4kg / 9lb
Shipping dimensions: Width: 432mm / 17"
Height: 343mm / 13.5"
Depth: 279mm / 11"
Shipping weight: 6kg / 13lb
Power supply: Built-in
Power input rating: 100-240V AC, 50-60 Hz, 160VA
Power factor: 0.997
Power consumption: 120W
Typical power & current: Measurements done with all LEDs at max intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

OVERALL SPECIFICATIONS cont.

Power connectors in/out: PowerCon
Data connectors in/out: XLR 5-pin
Max cable run: NA
Control protocol: ANSI E1.11 USITT DMX 512-A
Cooling system: Forced - 1 fan
Operating temperature: 0°C to 40°C
Construction: Anodised aluminium extrusion
Colour: Black
LED engines: 2
LEDs per engine: 24 (6 x RGBA)
Total LEDs: 48
Control modes: 7 channels Fx HSI
6 channels HSI Duo
6 channels RGB (Magic Amber) Duo
8 channels RGBA Duo
9 channels St RGBI (Magic Amber) Duo
5 channels St RGBA
3 channels HSI
3 channels RGB (Magic Amber)
4 channels RGBA
4 channels RGBI (Magic Amber)
1 channel Look Select
Master Standalone
Slave Standalone
Theatrical
Dimming curve: Theatrical
Variable effects engine: Yes
Effects parameters: Colour speed, colour range, colour step, and intensity effects



* measured at centre of beam

Hot lumen output: White 2,400 lumen
CRI: 92
Optics: Specialised close focus lens
Beam angle: 23° (approx.)
With optional Cyc lens: 80 x 30° (approx.)
With optional Border lens: 60° (approx.)
Beam dispersion: Asymmetrical direct illumination
CCT: Adjustable 1,000 – 10,000K
Colour Gamut: Performance enhanced
Lamp life: L70 up to 50,000 hours



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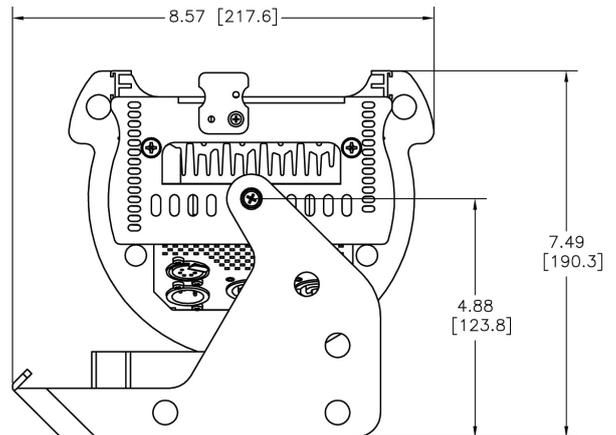
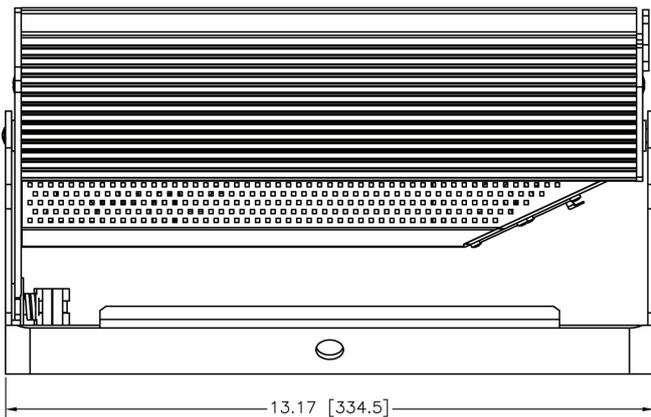
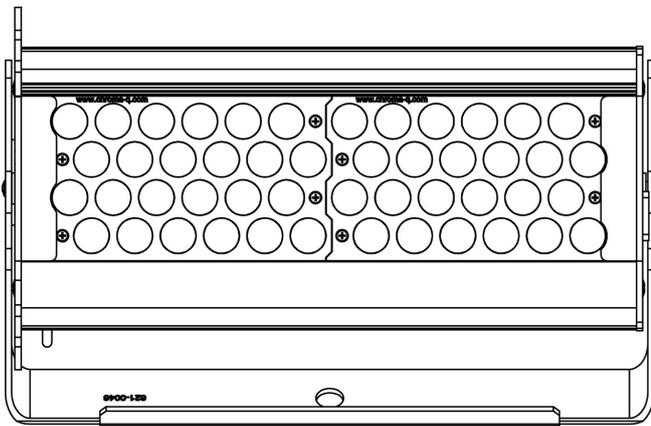
IP rating: IP20
 Built-in hardware: Quick release lever for tilt adjustment
 Approvals: CISPR 22 :2006/EN55022 :2006 & CISPR 24 :1997/EN55024 :1998, ICES-003 :2004 & FCC Part 15 Subpart B: 2007, CSA C22. No. 166-M1983:R2008 UL 1573:2003; UL 8750

ORDERING INFORMATION

CHCF12NFRGBA: Chroma-Q Color Force 12 RGBA body finished in black

ACCESSORIES

- CHCFBL12: Chroma-Q Border lens for Color Force 12
- CHCFCL12: Chroma-Q Cyc lens for Color Force 12
- CHCFECL12: Chroma-Q Egg Crate Louver for Color Force 12
- CHCFH12: Chroma-Q Half Top Hat for Color Force 12
- CHCFBD12: Chroma-Q Barn Door for Color Force 12
- CHCFTH12: Chroma-Q Top Hat for Color Force 12



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