



# Chroma-Q™ Color Force™ 48 RGBA LED Fixture

**Part No:  
CHCF48NFRGBA**

## S P E C I F I C A T I O N S H E E T

**V 1.3**

### 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.

### 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.

### OVERALL SPECIFICATIONS

Net dimensions:	Width: 1,180mm / 46.5" Height: 180mm / 7" 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, 50-60Hz, 480W
Power connector in/out:	PowerCon
Data connectors in/out:	XLR 5-pin
Control protocol:	ANSI E1.1 DMX-512A
Cooling system:	Forced - 2x fans
Construction:	Anodised aluminium extrusion
Colour:	Black
LED cells:	8
LEDs per cell:	24 (6 x RGBA)

### OVERALL SPECIFICATIONS cont.

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
Dimming curve:	Theatrical
Variable effects engine:	Yes
Effects parameters:	Grouping, colour speed, colour fan, colour range, colour step, intensity effects and intensity fan
Lumen output:	White 8,000 hot lumen (prelim)
CRI:	92
Optics:	Specialised close focus lens
Beam angle:	23° (approx.)
Beam angle with optional Cyc optic:	80 x 30° (approx.)
Beam angle with optional Border optic:	60° (approx.)
Beam dispersion:	Symmetrical 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
Approvals:	Pending for EN55103-1 & 2, IEC60950

### ORDERING INFORMATION

Model	Part No
Chroma-Q Color Force 48 RGBA RGBA body finished in black	CHCF48NFRGBA
Chroma-Q Color Force 48 c/w Border lens, RGBA body finished in black	CHCF48BDRRGBA
Chroma-Q Color Force 48 c/w Cyc lens, RGBA body finished in black	CHCF48CYCRGBA

### ACCESSORIES

Model	Part No
Chroma-Q Border lens for Color Force 48	CHCFBL48
Chroma-Q Cyc lens for Color Force 48	CHCFCL48

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





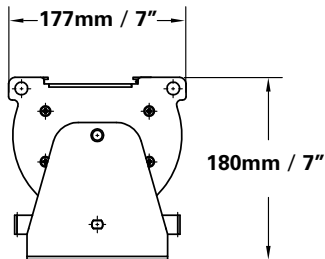
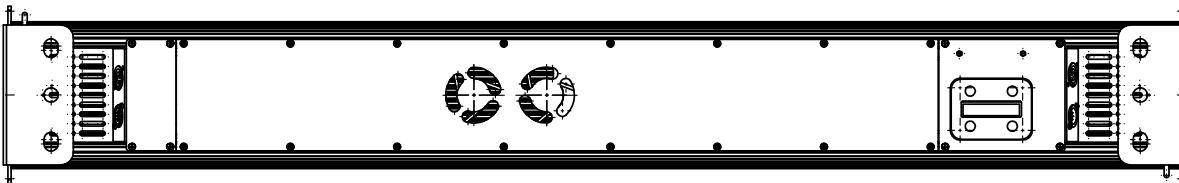
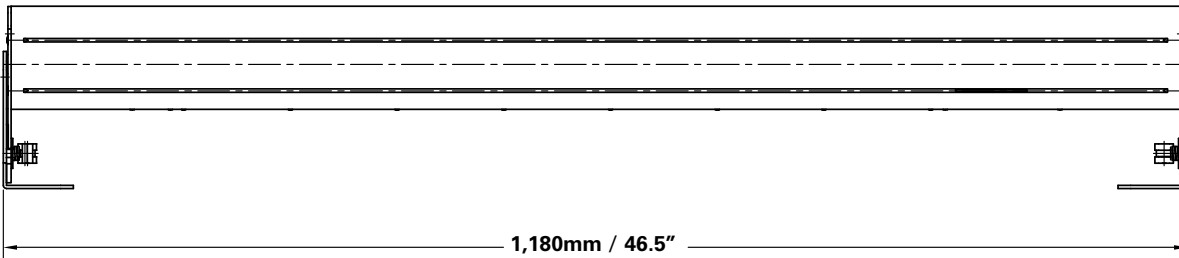
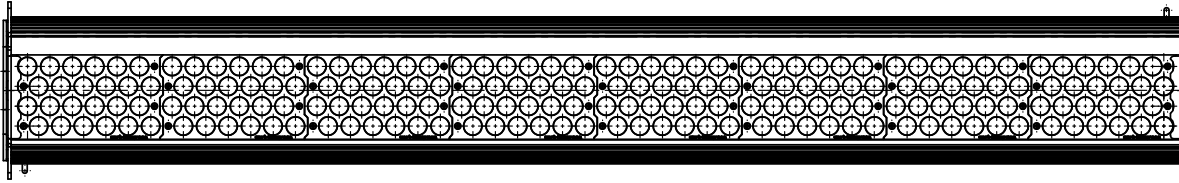
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### Dimensions



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