



**Chroma-Q™**  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1.1**  
**Chroma-Q™ Color Force Compact™**  
**RGBA Multi-Purpose LED Fixture**  
**Part No: CHCFCRGBA**

**DESCRIPTION**

The fixture shall provide a very powerful 1700 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, truss toner and other wash applications.  
The fixture shall be IP65 rated.  
The fixture shall feature a compact design.  
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, FxHSI, RGB (\*Magic Amber), RGBA, RGBI (Magic Amber), Look Select, Master and Slave Standalone control modes.  
The fixture shall feature a built-in stand-alone mode with real-time triggering.  
The fixture shall feature an external power supply - Color Force Compact PSU15.  
The fixture shall be manufactured from extruded material.  
The fixture shall allow daisy-chaining of up to five units on a single PSU15 output.  
The fixture shall be compatible with selected City Theatrical accessories.

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

**FEATURES**

- Massive output across the spectrum - 1700 lumens
- Multi-purpose - suitable for numerous entertainment lighting disciplines
- Huge RGBA full colour palette and high CRI of 92.
- Deep cold blues, red hot lava looks and super soft pastels from a single fixture
- Extremely smooth uniform wash
- IP65 rating for temporary outdoor applications
- Cost-effective entry-level model utilising Color Force technologies
- Compact 235mm / 9.25in length is ideal for floor, wall or truss mounting
- Theatrical grade dimming
- Accepts City Theatrical accessories

**ORDERING INFORMATION**

CHCFCRGBA: Chroma-Q Color Force Compact

**ACCESSORIES**

- CHCFCPTH: \*Top Hat For Compact - Black
- CHCFCPTH: \*Half Top Hat For Compact - Black
- CHCFCPECL: \*Egg Crate Louver For Compact Black
- CHCFCBD: \*Barn Door For Compact - Black
- CHCFCCL: Clear Glass For Compact (Comes with fixture)
- CHCFCFL: Frosted Glass For Compact (Comes with fixture)
- CHCFCFAH: Color Force Accessory Holder (Comes with fixture)
- CHCFCDMXOP: W-DMX Wireless Option For PSU-15

\*City Theatrical accessories.

**OVERALL SPECIFICATIONS**

Net dimensions (without fixings): Width (A): 212mm / 8.4"  
Height (B): 196mm / 7.7"  
Depth (C): 152mm / 6"

Net weight: 4 kgs / 8.5 lbs

Shipping dimensions: Width: 267mm / 10.5"  
Height: 254mm / 10"  
Depth: 241mm / 9.5"

Shipping weight: 5.4kgs / 12lbs

Power & Connections: Daisy-chained power & data connections

Power Supply: External - PSU15

Power input rating: 48V DC

Power consumption: 60W

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

Power connector in/out: XLR 4-pin

Data connector in/out: XLR 4-pin

Max cable run: ~60m / 200ft (PSU to last unit)

Power: External - PSU15 - see specification sheet

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

Cooling system: Convection

Operating temperature: 0°C to 40°C

Construction: Cast machined aluminium

Colour: Black

Built in hardware: Yoke assembly

IP Rating: \*IP65

Approvals: CISPR22 :2006/EN55022 :2006 & CISPR 24:1997/ EN55024 :1998, ICES-003 :2004 & FCC Part 15 Subpart B: 2007

LED engines: 1

LEDs per engine: 28 (7 x RGBA)

Total LEDs: 28

Control modes: 52 channels FxHSI, 45 channels HSI, 45 channels RGB, 15 channels FxHSI, 9 channels HSI, 9 channels RGB, 9 channels FxHSI, 3 channels HSI, 3 channels RGB, 60 channels RGBA, 61 channels sRGBI, 12 channels RGBA, 13 channels sRGBI, 4 channels sRGBI, 5 channels sRGBI

Look Select

Master Standalone

Slave Standalone

Theatrical

Dimming Curve: Theatrical

Variable effects engine: Yes

Effects parameters: Grouping, colour speed, colour fan, colour range, colour step, intensity effects, intensity fan.

Hot Lumen output: White 1700 lumens, Red 350 lumens, Green 960 lumens, Blue 90 lumens, Amber 700 lumens

Optics: Specialised close focus lens

Beam angle: 14° (approx.)

Beam angle

With Optional Frosted Optic: 21° (approx.)

Beam distribution: Asymmetrical direct illumination



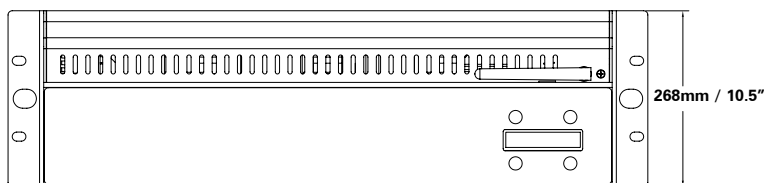
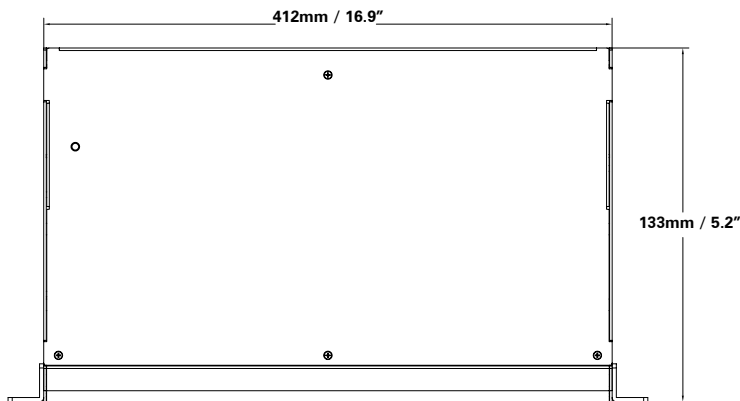
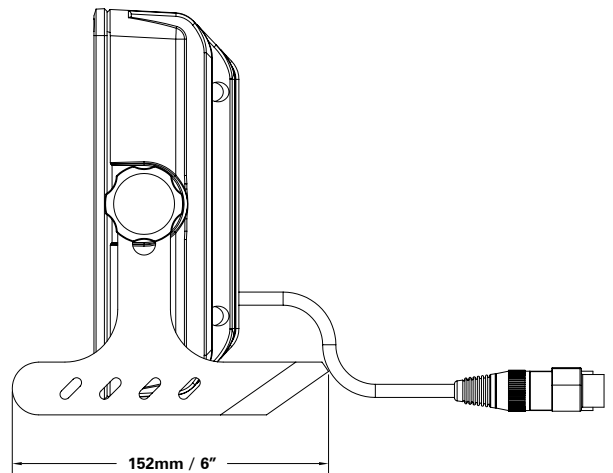
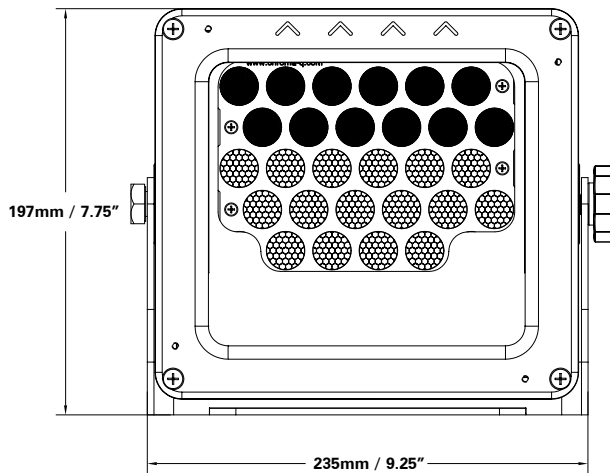
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**OVERALL SPECIFICATIONS (cont.)**

CCT:	Adjustable 1,000 - 10,000K
Colour Gamut:	Performance enhanced
CRI:	92
Lamp life:	L70 at 50,000 hours

\* As per IEC60529 ingress protection rating code.



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