



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.2
Chroma-Q® Color Force Compact™
RGBA Multi-Purpose LED Fixture
Part No: CHCFCRGBA

DESCRIPTION

The fixture shall provide a very powerful 1700 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, 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
CHCFCCECL: *Egg Crate Louver For Compact Black
CHCFCBBD: *Barn Door For Compact - Black
CHCFCCLL: 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: 212mm / 8.4"
Height: 196mm / 7.7"
Depth: 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: -20°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



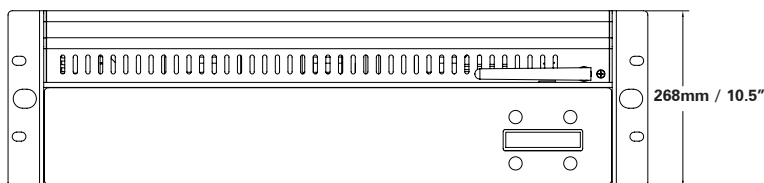
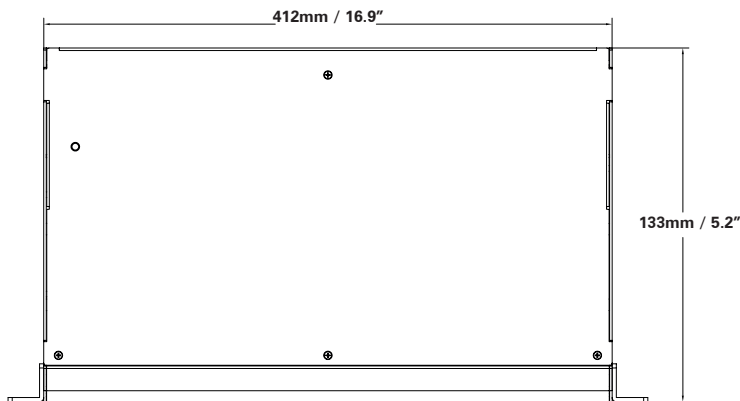
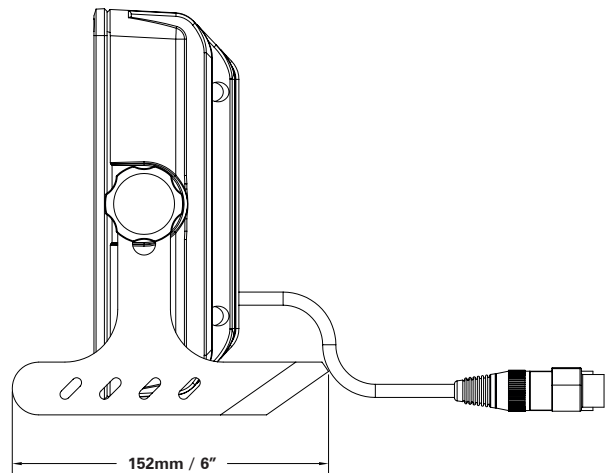
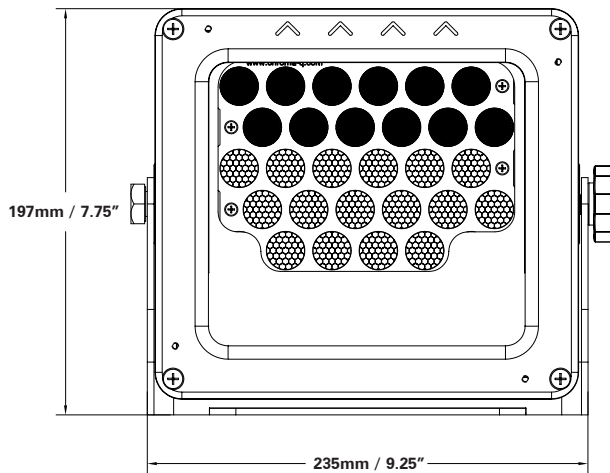
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OVERALL SPECIFICATIONS (cont.)

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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