



# Color Force Compact



## - Powerful Workhorse Fixture



The Chroma-Q™ Color Force Compact™ is a powerful creative lighting tool that works in perfect harmony with the popular Color Force™ range. The Compact is a cost-effective workhorse, ideal for a wide range of applications. Utilising core LED technology from the Color Force range, the fixture provides 1700 lumens in a cost-effective, slim, compact profile, while maintaining colour compatibility with the rest of the range.

### Compact Yet Powerful

Despite measuring only 235mm / 9.25" in length, the Color Force Compact produces a powerful 1700 lumens output - making it ideal for lighting areas with a very small footprint.

### Multi-Purpose Workhorse Fixture

With its rugged external design and IP65 rated casing, the Color Force Compact has been designed as a multi-purpose workhorse fixture suitable for numerous entertainment lighting applications - including uplighting, pipe-end shin-busting, backlighting, truss toner and other wash applications.

### Fast & Efficient Set-Up

Up to five fixtures can be daisy-chained from each 15-way Compact PSU output, eliminating the need to home-run a cable from each fixture back to the PSU. In addition, up to four fixtures per output can be daisy-chained on a Chroma-Q Color Block PSU (PSU-05B, PSU530).

### Cost-Effective Investment

The Color Force Compact enables an even wider range of users and budgets to utilise the power of the Color Force as a creative lighting tool.

### Power Across The Spectrum

The Color Force Compact uses its huge RGBA colour mixing palette to deliver a full range of high brightness colours across the spectrum. Deep cold blues, red hot lava looks and super soft pastels are all available from a single fixture.

### Colour

The Chroma-Q RGBA engine has been developed to deliver an incredible CRI of 92, for true colour balance across the spectrum. Each Color Force Compact includes Color Sure™ technology for enhanced colour consistency across fixtures.

### Optics & Dimming

The Color Force Compact fixture's custom optical design provides a smooth, uniform output with outstanding colour blend across the spectrum.

Separate discreet RGBA LEDs are used for increased efficiencies and the custom Chroma-Q optical design delivers surprisingly clean shadows for most common real world applications.

Theatrical grade dimming, a high CRI of 92 for extremely accurate colour rendition and a clean white ensures the light output feels just right.

### Full Range Of Accessories

For real versatility and compatibility with existing lighting inventories, the Color Force Compact is compatible with City Theatrical top hat, half top hat, egg crate louver and barn door accessories.

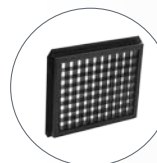
The fixture is supplied with a holder for these four optional accessories, as well as interchangeable clear and frosted glass light lenses.

An optional W-DMX wireless accessory for the 15-way PSU is also available.

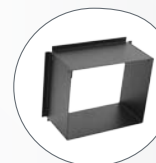
## Key Features

- Compact yet powerful - 1700 lumens from a very small footprint
- IP65 rated\*
- Multi-purpose workhorse fixture - suitable for a wide range of applications
- Deep cold blues, red hot lava and super-soft pastels - all from a single fixture
- High CRI of 92 - true colour balance across the spectrum
- Custom optics - ensure a smooth even beam
- Theatrical grade dimming - suitable for a wide range of applications
- Accepts City Theatrical accessories - use with your existing accessories inventory

### Optional City Theatrical Accessories



Egg crate louver



Top hat



Half top hat



Barn door

### Accessories Supplied (shown on fixture)



City Theatrical accessories holder



Clear glass lens



Frosted glass lens

For the latest news and information on the Chroma-Q range, visit [www.chroma-q.com](http://www.chroma-q.com)

## Full Range Of Creative Tools

Complementing other models in the range, the Color Force line-up now provides a full choice of creative tools for almost any entertainment application.

## Control

Compatibility with industry standard control consoles is assured. HSI, FxHSI, RGB (\*\*Magic Amber), RGBA, RGBI (Magic Amber), Look Select, Master and Slave Standalone control modes.



CF72



CF48



CF12



CF Compact



CF Compact side profile

# Technical Specification

## Color Force Compact Specification

<b>Product Code</b>	CHCFCRGBA	<b>Data Connector In/Out</b>	XLR 4-pin
<b>Dimensions</b>	235mm x 197mm x 152mm / 9.25" x 7.75" x 6"	<b>Max Cable Run</b>	~60m / 200ft
<b>Weight</b>	4 kgs / 8.5 lbs	<b>Power</b>	External - PSU15
<b>Shipping Dimensions</b>	267mm x 254mm x 241mm / 10.5" x 10" x 9.5"	<b>Cooling System</b>	Convection
<b>Shipping Weight</b>	5.4kgs / 12 lbs	<b>Construction</b>	Cast machined enclosure
<b>Power Input Rating</b>	48V DC	<b>Colour</b>	Black
<b>Power Consumption</b>	60 W	<b>Built-In Hardware</b>	Yoke assembly
<b>Typical Power &amp; Current</b>	Measurements done with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for deviation of +/- 10%	<b>IP Rating</b>	*IP65
<b>Power Connector In/Out</b>	XLR 4-pin	<b>Approvals</b>	CISPR22 :2006/EN55022 :2006 & CISPR 24:1997/ EN55024 :1998, ICES-003 :2004 & FCC Part 15 Subpart B: 2007

## Control & Photometric

<b>LEDs</b>	1 RGBA cell x 28 LEDs, total 28 LEDs	<b>Effects Parameters</b>	Colour speed, colour range, colour step, grouping, colour fan and intensity effects
<b>Control Modes</b>	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 RGB, 13 channels sRGBI, 4 channels RGBA, 5 channels sRGBI, Look Select, Master Standalone, Slave Standalone	<b>Hot Lumen Output</b>	1700 (Red: 350, Green: 960, Blue: 90, Amber: 700)
<b>Dimming Curve</b>	Theatrical	<b>Optics</b>	Specialised close focus lens
<b>Variable Effects Engine</b>	Yes	<b>Beam Angle</b>	14° (approx.)
		<b>With Optional Frosted Optic</b>	21° (approx.)
		<b>Beam Distribution</b>	Asymmetrical direct illumination
		<b>CCT</b>	Adjustable 1,000 - 10,000K
		<b>Colour Gamut</b>	Performance enhanced
		<b>CRI</b>	92
		<b>Lamp Life</b>	L70 at 50,000 hours

## Color Force Compact 15-Way Power Supply (to suit up to 15 Fixtures)

<b>Product Code</b>	CHCFCPSU15	<b>Control</b>	ANSI E1.11 DMX-512A / Wireless Option
<b>Dims.</b>	412mm x 133mm x 268mm / 16.9" x 5.2" x 10.5"	<b>IP Rating</b>	IP20
<b>Weight</b>	9.5kg / 21lbs	<b>Approvals</b>	CSA C22. No. 166-M1983: R2008 CAN/CSAC22.2 No. 60950-1-07 UL 60950-1:2007, EN 60950-1/A1:2010
<b>Power</b>	100-120V~, 10A ; 200-240V~, 5A ; 50-60Hz		

## Accessories

<b>CHCFC TH</b>	***Top Hat For Compact - Black	<b>CHCFCCL</b>	Clear Glass For Compact (Comes With Fixture)
<b>CHCFC HTH</b>	***Half Top Hat For Compact - Black	<b>CHCFCFL</b>	Frosted Glass For Compact (Comes With Fixture)
<b>CHCFC ECL</b>	***Egg Crate Louver For Compact - Black	<b>CHCFC AH</b>	Color Force Accessory Holder (Comes With Fixture)
<b>CHCFC BD</b>	***Barn Door For Compact - Black	<b>CHCFC DMXOP</b>	W-DMX Wireless Option For PSU-15

\* As per IEC60529 ingress protection rating code. \*\* Magic Amber is the term used for the unit's ability to bring in amber when mixing colours that require it. \*\*\* City Theatrical accessories.

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