



**Chroma-Q™**  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1.1**  
**Chroma-Q™ Studio Force V Compact™**  
**Powerful Variable White LED Workhorse Fixture**  
**Part No: CHSFCV**

**DESCRIPTION**

The fixture shall provide 3,000K - 6,100K CCT variable white light output.  
The fixture shall feature a compact design.  
The fixture shall provide a very powerful 2,600 hot lumens output for washing large areas.  
The fixture shall be IP65 rated.  
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 suitable for floor, wall or truss mounting.  
The fixture shall provide a smooth, linear dimming curve.  
The fixture shall feature an external power supply - Force Compact PSU15.  
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.  
The fixture shall provide a CRI of 80.  
The fixture shall feature a built-in stand-alone mode with real-time triggering.  
The fixture shall be manufactured from extruded material.

**FEATURES**

- 3,000K - 6,100K CCT variable white
- Laboratory calibrated 3200°K and 5600°K presets
- Compact yet powerful – 2,600 lumens from a very small footprint
- IP65 rated\*
- Multi-purpose workhorse fixture - suitable for a wide range of applications
- Extremely smooth, uniform wash
- Theatrical grade dimming
- Ideal for TV, film, touring, exhibitions, corporate events and theatre
- Camera-friendly
- Custom optics - ensure a smooth even beam
- Accepts City Theatrical accessories - use with your existing accessories inventory

**ORDERING INFORMATION**

CHSFCV: Chroma-Q Studio Force V Compact LED Fixture  
CHCFCPSU15: Chroma-Q Force Compact 15-Way Power Supply  
(to suit up to 15 fixtures)

**ACCESSORIES**

CHCFCPTH: \*\*\*Top Hat For Compact - Black  
CHCFCPTH: \*\*\*Half Top Hat For Compact - Black  
CHCFCCL: \*\*\*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)  
CHCFCAL: Color Force Accessory Holder (Comes with fixture)  
CHCFCMXOP: 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 / 12 lbs

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 Connectors In/Out: XLR 4-pin

Max Cable Run: ~60m / 200ft (PSU to last unit)

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: CISPR 22:2006/EN55022:2006 & CISPR 24:1997/EN55024:1998, ICES-003:2004, FCC Part 15 Subpart B:2010

LED Engines: 1

LEDs Per Engine: 14 Cold White / 14 Warm White

Total LEDs: 28

Control Modes (PSU15): 30 channels WW/CW, 30 channels CTI, 2 channels WW/CW, 2 channels CTI, 1 channel Look Select, Master Standalone, Slave Standalone

Dimming Curve: Theatrical

Variable Effects Engine: Yes

Effects Parameters: Intensity effects

Hot Lumen Output (Combined): 2,630 hot lumens @ 4,300K

Optics: Specialised close focus lens

Beam Angle: 14° (approx.)

Beam Angle With (Optional Frosted Optic): 21° (approx.)

Beam Distribution: Asymmetrical direct illumination

CCT: 3,000K - 6,000K (+/- 200K)

Colour Gamut: Performance enhanced

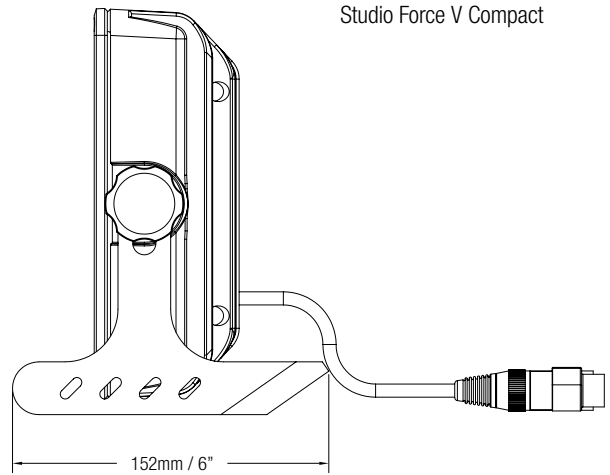
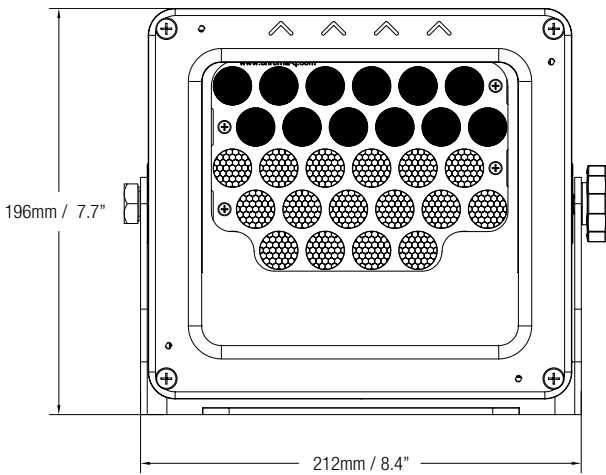
CRI: ~80 @ 4,300K

Lamp Life: L70 at 50,000 hours

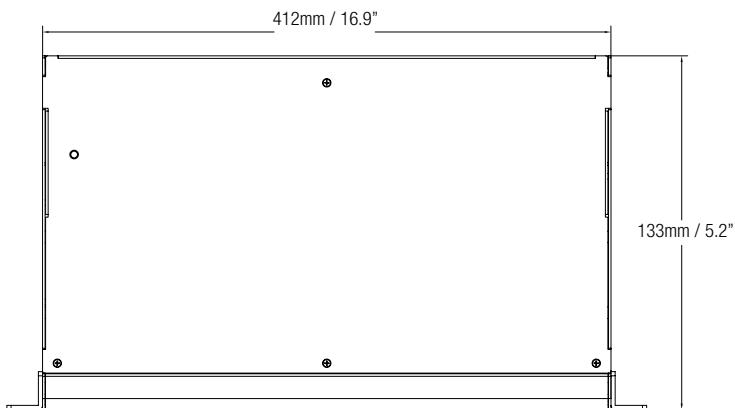


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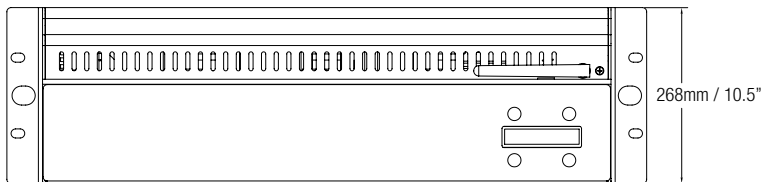
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Studio Force V Compact



Force Compact 15-Way Power Supply



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