Chroma-Q™
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.1
Chroma-Q™ Studio Force D Compact™
Daylight White LED Fixture
Part No: CHSFCD

DESCRIPTION

The fixture shall provide 6,100K CCT daylight white light output.
The fixture shall feature a compact design.
The fixture shall provide a very powerful 2,800 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 70.
The fixture shall feature a built-in stand-alone mode with real-time triggering.
The fixture shall be manufactured from extruded material.

FEATURES

- 6,100K CCT daylight white
- Compact yet powerful – 2,800 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

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

ACCESSORIES

CHCFCTH: ***Top Hat For Compact - Black
CHCFCHTH: ***Half Top Hat For Compact - Black
CHCFCECL: ***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)
CHCFCAH: 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 / 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:	28 Cold White
Total LEDs:	28
Control Modes (PSU15):	60 channels Dim4x, 15 channels Dim1x, 1 channel Dim1x, 2 channels FxDim, 1 channel Look Select, Master Standalone, Slave Standalone
Dimming Curve:	Theatrical
Variable Effects Engine:	Yes
Effects Parameters:	Intensity effects
Hot Lumen Output (Combined):	2,800 hot lumens @ 6,200K
Optics:	Specialised close focus lens
Beam Angle:	14° (approx.)
Beam Angle With (Optional Frosted Optic):	21° (approx.)
Beam Distribution:	Asymmetrical direct illumination
CCT:	6,200K (+/- 200K)
Colour Gamut:	Performance enhanced
CRI:	~75 @ 6,200K
Lamp Life:	L70 at 50,000 hours

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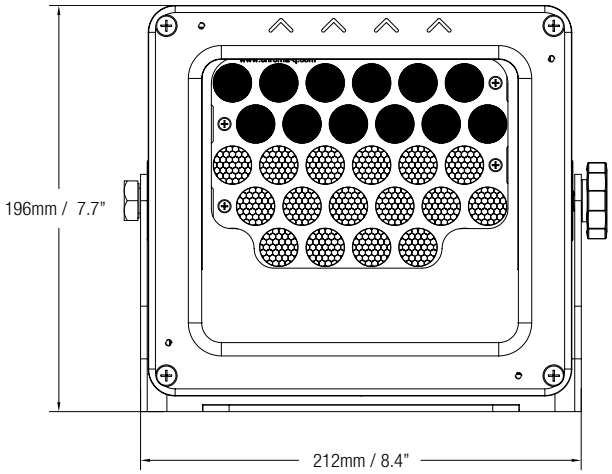
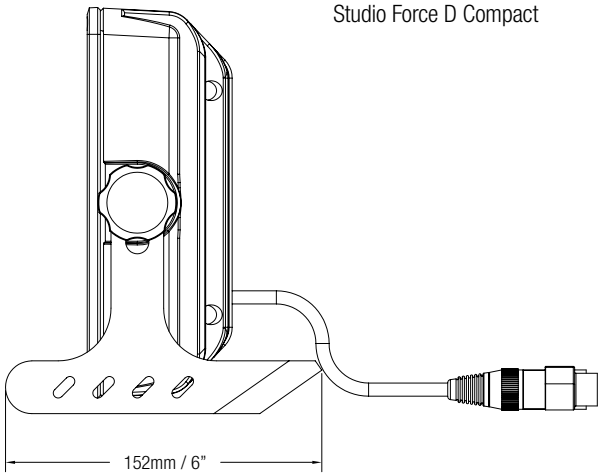
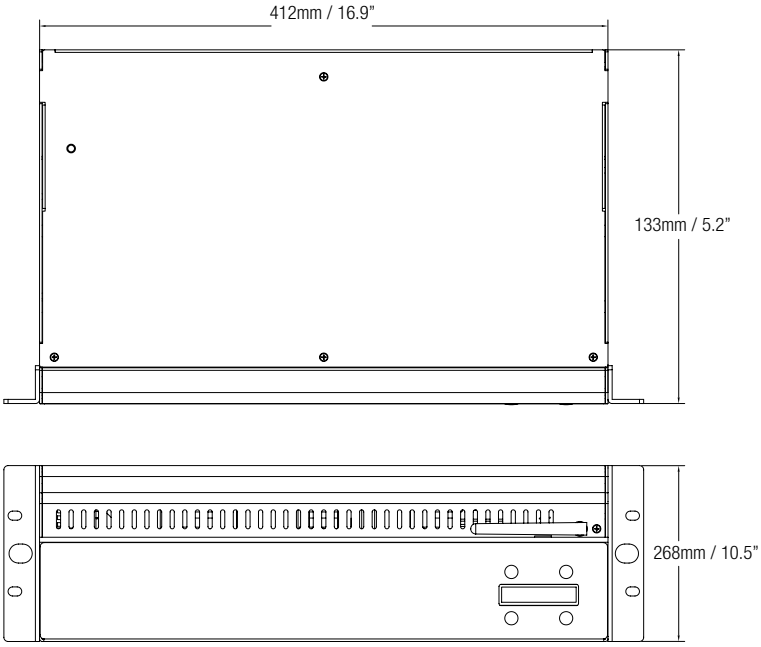


Studio Force D Compact





Force Compact 15-Way Power Supply

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