



Studio Force V 12

- Extreme Output Variable White LED Fixture



Utilising the same core technologies as the innovative Chroma-Q™ Color Force™ 12 multi-purpose LED fixture, the new Studio Force™ V 12 is a 3,000K - 6,100K CCT variable white version featuring laboratory calibrated 3200°K and 5600°K presets that is specifically designed for TV, film, touring, exhibitions, corporate events and theatre lighting applications. At only 300mm / 1ft long, the unit is ideal for floor, wall or truss mounting. It also provides an extreme output of 5,300 lumens for evenly washing large areas, complemented by smooth, theatrical grade dimming. A choice of batten lengths are also available.

Extreme Output

With an extreme output of 5,300 lumens, the Studio Force V 12 offers more than twice the white light output of its RGBA colour variant. The Studio Force V 12 can also be used to extend Studio Force V 48 and 72 LED batten installations.

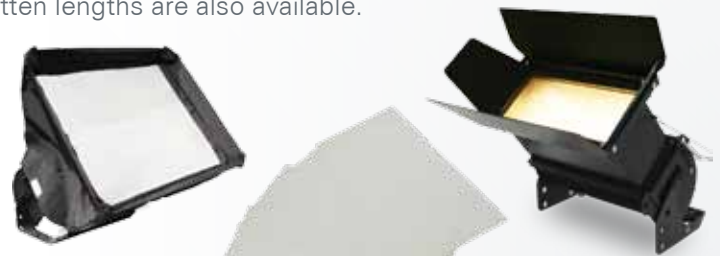
Multi-purpose

The Studio Force V 12 is suitable for a wide range of lighting applications, including key-lighting, uplighting, backlighting and wash applications.

Optional accessories include cyc and border light lens, lightbank kit, egg crate louver, top hat, half top hat, barn door, spigot adaptor and diffuser box attachment accessories.

Colour

The Studio Force V range includes ColorSure™ technology for enhanced consistency across each light engine and when using multiple fixtures.



Lightbank kit*

Cyc and border light lens

Diffuser box attachment*



Egg crate louver

Top hat

Half top hat

Barn door

Spigot adaptor

Optics & Dimming

The Studio Force V range's camera friendly custom optical design provides a smooth, uniform output, matched by theatrical grade dimming.

Practical & Mechanical

On the outside, the Studio Force V 12 has been designed to provide maximum versatility and ease of use. The built-in power supply, hidden quick release fixings requiring no tools, and PowerCon and 5-pin DMX connections in and out provide fast deployment and simple cable management.

The Studio Force V range also features stand-alone Master and Slave modes for additional usage possibilities, flat end plates for seamless wall-washing and a rugged extruded aluminium body.



Hidden quick release fixings and flat end plates



PowerCon and 5-pin DMX connections in and out

Key Features

- 3,000K - 6,100K CCT variable white
- Extreme output - 5,300 lumens
- Extremely smooth, uniform wash
- Theatrical grade dimming
- Ideal for TV, film, touring, exhibitions, corporate events and theatre
- 300mm / 1ft length ideal for floor, wall or truss mounting
- Camera friendly
- Laboratory calibrated 3200°K and 5600°K presets
- PowerCon input and output for easy daisy chaining of fixtures
- Broad range of accessories available, including lightbank kit and barn door
- Flat end plates for seamless wall-washing
- Built-in power supply
- Hidden quick release fixings
- Rugged extruded aluminium body

Technical Specification

Studio Force V 12 Specifications

Product Code	CHSFV12NF	Data Connectors In/Out	XLR 5-pin
Dimensions**	335mm x 191mm x 218mm / 13.25" x 7.5" x 8.75"	Control Protocol	ANSI E1.11 DMX-512A, XLR5 in / through
Weight	4kgs / 9lbs	Cooling System	Forced - 1 fan
Shipping Dimensions	432mm x 343mm x 279mm / 17" x 13.5" x 11"	Construction	Black anodised aluminium extrusion
Shipping Weight	6kgs / 13lbs	Colour	Black
Power Input Rating	100-240V AC, 50-60 Hz, 160VA, power factor: better than .97	Built-In Hardware	Quick release lever for tilt adjustment
Typical Power & Current	Measurements done with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%	IP Rating	IP20
Power Connector In/Out	PowerCon	Approvals	CISPR 22 :2006/EN55022 :2006 & CISPR 24 :1997/EN55024 :1998, ICES-003 :2004 & FCC Part 15 Subpart B: 2007, CSA C22. No. 166-M1983:R2008 UL 1573:2003; UL 8750

**For exact measurements please refer to the line drawings found in the product specification sheets and manuals on www.chroma-q.com

Control & Photometric

LED Engines	2	Effects Parameters	Intensity Effects
LEDs Per Engine	12 Cold White / 12 Warm White	Hot Lumen Output	White 5,300 hot lumens @ 4,200K
Total LEDs	48	Optics	Specialised close focus lens
Control Modes	8 channels WWWW 3 channels sWWCW 2 channels WW/CW 2 channels CTI 1 channel Look Select Master Standalone Slave Standalone Manual	Beam Angle	~23°
Dimming Curve	Theatrical	Beam Angle With Optional Cyc Optic	80 x 30° (approx.)
Variable Effects Engine	Yes	Beam Angle With Optional Border Optic	60° (approx.)
		Beam Distribution	Asymmetrical direct illumination
		CCT	3,000K - 6,100K
		Colour Gamut	Performance enhanced
		CRI	≥80
		Lamp Life	L70 at 50,000 hours

Accessories

CHCFCL12	Cyc Lens For Force 12	CHCFBD12	Barn Door For Force 12
CHCFBL12	Border Light Lens For Force 12	CHCFDBX	Diffuser Box For Force 12
CHCFSA12	Spigot Adaptor For Force 12	CHCFLBA12	Lightbank Adaptor (Speedring) For Force 12
CHCFECL12	Egg Crate Louver For Force 12	CHCFLB12	Lightbank For Force 12
CHCFTH12	Top Hat For Force 12	CHCFLBK-K	Lightbank Kit* For Force 12 (consists of Lightbank Adaptor (Speedring) & Lightbank)
CHCFHTH12	Half Top Hat For Force 12		

*Barn door and lens shown are sold as separate accessories. Fixture not included

*The Lightbank Kit consists of the Lightbank Adaptor (Speedring) & Lightbank. Both items can also be purchased separately. Fixture not included

Studio Force D Range

All three Studio Force V models are also available as Studio Force D 6,100K CCT daylight white versions.

For the most up to date product information, news and downloads, please visit www.chroma-q.com