



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.0
Chroma-Q® Studio Force II 12
Part No: CHSF2V12

DESCRIPTION

Using a homogenised LED source capable of delivering variable colour temperature, plus/minus green shift control and the ability to produce deep saturated colours when needed, the Studio Force II is specifically designed for TV Broadcast and film applications but also performs particularly well in other situations demanding high quality tuneable white light such as touring key lights, exhibitions, corporate events and theatre lighting.

The Studio Force II uses the same ColorSure™ technologies found in other innovative Chroma-Q fixtures to deliver consistent colour across fixtures.

FEATURES

- Full spectrum tuneable white light engine
- High intensity homogenized output
- Extremely smooth uniform wash
- 2,800K - 6,500 K CCT Variable white
- Variable mired shift (green shift)
- Extreme output - 6,500 lumens
- Superb smooth dimming
- Ideal for TV Broadcast and film
- 335mm / 1ft* length ideal for floor, wall or truss mounting
- PowerCON TRUE1 input and output for easy daisy chaining of fixtures
- Hidden quick release lever for tilt adjustment

ORDERING INFORMATION

CHSF2V12 - CHROMA-Q STUDIO FORCE II V12
CHSF2V12W - CHORMA-Q STUDIO FORCE II V12 WHITE BODY
CHSF2V12LR - CHROMA-Q STUDIO FORCE II V12 w LumenRadio Installed

ACCESSORIES

CHCFZH: Zip Hood for Studio Force II 12
CHCFBL12: Border Lens for Studio Force II 12
CHCFCL12: Cyc Lens for Studio Force II 12
CHCFECL12: Egg Crate Louvre for Studio Force II 12 - Black
CHCFHTH12: Half Top Hat for Studio Force II 12 - Black
CHCFBD12: Barndoor for Studio Force II 12 - Black
CHCFTH12: Top Hat for Studio Force II 12 - Black

OVERALL SPECIFICATIONS

Net Dimensions Length: 335mm / 13.2"
(without fixings): Width: 218mm / 8.6"
Height: 190mm / 7.5"
Net Weight: 5kg / 11.0lb
Shipping Dimensions: Length: 432mm / 17"
Width: 279mm / 11"
Height: 343mm / 13.5"
Shipping Weight: 7kg / 15.5lb

OVERALL SPECIFICATIONS Cont..

Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 160VA
Power Factor:	0.99 @ 120V AC, 0.97 @ 240V AC
Power Consumption:	150W @ 120V AC, 133W @ 240V AC
Idle Power Consumption:	8W @ 120V AC, 10W @ 240V AC
Typical Power & Current:	Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%
Power Connectors In/Out:	Neutrik powerCON TRUE1
Data Connectors In/Out:	Neutrik XLR 5-pin
Max Fixtures in Series:	10 x fixtures @120V, 22 x Fixtures @240V
Control Protocol:	ANSI E1.11 USITT DMX 512-A
Cooling System:	Combined convection and forced air - 1 fan
Operating Temperature:	0°C to 40°C
Construction:	Anodised aluminium extrusion
Colour:	Black / White
Built-In Hardware:	Yoke and quick release lever for tilt adjustment
IP Rating:	IP20
Control Modes:	RGBW, RGB, KHi, HSi, Cine-Q. Grouping x1, X4, Odd/Even
Dimming Curve:	Linear
Hot Lumen Output (Combined):	6,500 lm
Optics:	Fully homogenised lenses
Beam Angle:	22° (approx.)
Beam Distribution:	Symmetrical direct illumination
CCT:	Adjustable 2800 - 6500K
Colour Gamut:	Performance enhanced
CRI:	92 @ 3200K 94 @ 4400K 94 @ 5600K
TM-30 Rf (Fidelity Index)	92 @ 3200K 94 @ 4400K 90 @ 5600K
LED Life:	L70 at 50,000 hours
Approvals:	CISPR 32:2015 /EN 55032:2015, CISPR 24:2010/EN 55024:2010, IEC 60598-2-17:1984 + A1:1987+A2:1990 used in conjunction with IEC 60598-1: 2008 (Seventh Edition) FCC Part 15 Subpart B:2015 & ICES-003:2016 CSA C22.2 No. 166:2015-06 UL 1573:2003/R:2014-01

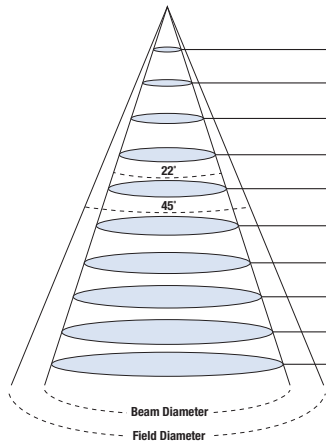


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Specification Sheet - Version: 1.0
Chroma-Q® Studio Force II 12
Part No: CH652-0201

PHOTOMETRICS

Fixture Model
Studio Force II V12 (4400K) **Field** 45° **Beam** 22° **Candelas** 31000 Cd **Lumens** 6500 lm **Watts** 150 w



Throw Distance		Field Spread		Beam Spread		Full On	
M	FT	M	FT	M	FT	LUX	FC
1	3.3	0.8	2.7	0.4	1.3	31000	2880.0
2	6.6	1.7	5.4	0.8	2.6	7750	720.0
3	9.8	2.5	8.2	1.2	3.8	3444	320.0
4	13.1	3.3	10.9	1.6	5.1	1938	180.0
5	16.4	4.1	13.6	1.9	6.4	1240	115.2
6	19.7	5.0	16.3	2.3	7.7	861	80.0
7	23.0	5.8	19.0	2.7	8.9	633	58.8
8	26.2	6.6	21.7	3.1	10.2	484	45.0
9	29.5	7.5	24.5	3.5	11.5	383	35.6
10	32.8	8.3	27.2	3.9	12.8	310	28.8

DIMENSIONS

