



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.0
Chroma-Q® Studio Force II™ 72
Part No: CHSF2V72

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.

With an extreme output of up to 36,000 lumens, the Studio Force II™ 72 battens evenly wash large areas, complemented by smooth, theatrical grade dimming.

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 - 36,000 lumens
- Superb smooth dimming
- Ideal for TV Broadcast and film
- PowerCON TRUE1 input and output for easy daisy chaining of fixtures
- Hidden quick release lever for tilt adjustment

ORDERING INFORMATION

CHSF2V72 - CHROMA-Q STUDIO FORCE II V72
CHSF2V72W - CHORMA-Q STUDIO FORCE II V72 WHITE BODY
CHSF2V72LR - CHROMA-Q STUDIO FORCE II V72 with LumenRadio Installed

ACCESSORIES

CHCFBL72 - Border Lens for Studio Force II 72
CHCFCL72 - Cyc Lens for Studio Force II 72

OVERALL SPECIFICATIONS

Net Dimensions Length: 1,759mm / 69.25"
(without fixings): Width: 165mm / 6.5"
Height: 191mm / 7.5"
Net Weight: 24kg / 53lb
Shipping Dimensions: Length: 1,855mm / 73"
Width: 305mm / 12"
Height: 320mm / 12.5"
Shipping Weight: 27 kg / 60 lbs

OVERALL SPECIFICATIONS Cont..

Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 800VA
Power Factor:	0.97 @ 120V AC, 0.92 @ 240V AC
Power Consumption:	800W @ 120V AC, 800W @ 240V AC
Inrush Current:	80A @ 120V AC
Idle Power Consumption:	44W @ 120V AC, 46W @ 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:	2 x fixtures @110V, 4 x Fixtures @240V
Control Protocol:	ANSI E1.11 USITT DMX 512-A
Cooling System:	Combined convection and forced air - 2 fan
Operating Temperature:	0°C to 40°C
Construction:	Anodised aluminium extrusion
Colour:	Black / White
Built-In Hardware:	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):	36,000 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
Lamp 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

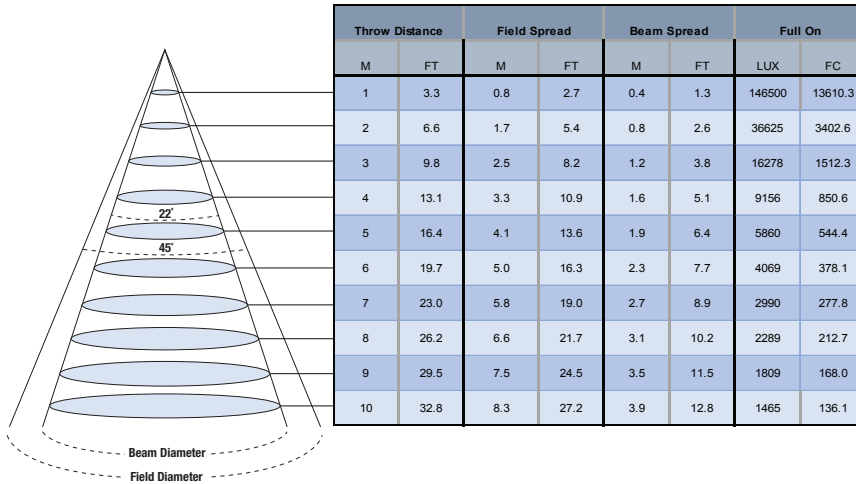


Chroma-Q®
BRILLIANT SOLUTIONS

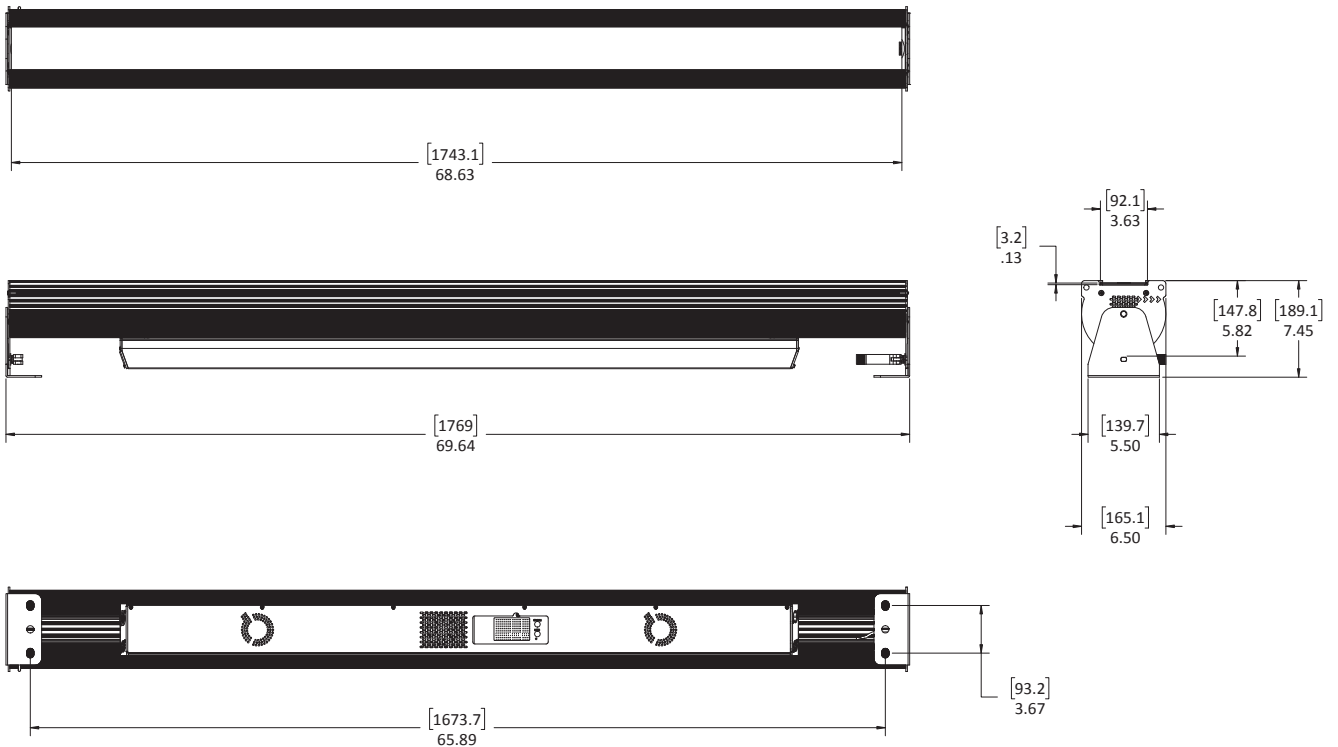
Specification Sheet - Version: 1.0
Chroma-Q® Studio Force II™ 72
Part No: CHSF2V72

PHOTOMETRICS

Fixture Model: Studio Force II V72 (4400K) Field: 45° Beam: 22° Candelas: 146500 Cd Lumens: 36000 lm Watts: 800 w



DIMENSIONS



HQ, UK & International Sales
A.C. Entertainment Technologies Ltd.
Tel: +44 (0)1494 446000
Fax: +44 (0)1494 461024
sales@ac-et.com
www.ac-et.com

Northern UK Sales
A.C. Entertainment Technologies Ltd.
Tel: 0113 255 7666
Fax: 0113 255 7676
acnorth@ac-et.com
www.ac-et.com

North American Sales
A.C. Lighting Inc.
Tel: 416-255-9494
Fax: 416-255-3514
northamerica@aclighting.com
www.aclighting.com

Asian Sales
A.C. Lighting Asia KK
Tel: +81 (0)3-6907-1758
Fax: +81 (0)3-6907-1589
sales@aclighting.jp
www.aclighting.jp