



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.6
Chroma-Q® Studio Force V 12 Phosphor™
Extreme Output Variable White Phosphor LED Fixture
Part No: CHSFVP12

DESCRIPTION

The fixture shall provide a very powerful hot lumens output of up to 4,200 for washing large areas.

The fixture shall be suitable for a wide range of film and studio soft lighting environments including film, TV and broadcast applications.

The fixture shall be IP20 rated.

The fixture shall be suitable for floor, wall or truss mounting.

The fixture shall provide 3,200K - 5,600K (+/- 200K) variable white light output.

The fixture shall provide a CRI of up to 91*.

The fixture shall provide a smooth, linear dimming curve.

The fixture shall feature a built-in power supply.

FEATURES

- 3,200K - 5,600K (+/- 200K) CCT variable white
- Variable frequency
- Extreme output - up to 4,200 lumens
- Extremely smooth, uniform wash
- Theatrical grade dimming
- Specifically developed for use in film, TV and broadcast environments
- 300mm / 1ft length ideal for floor, wall or truss mounting
- Camera friendly
- Extra soft beam
- Controllable green balance
- Controllable frequency
- Laboratory calibrated to match Planckian Locus / Black Body Locus
- Very wide output
- Equal to or better output than fluorescent
- Intuitive new colour touch interface
- Alternative to fluorescent
- PowerCon input and output for easy daisy chaining of fixtures
- Flat end plates for seamless wall-washing
- Standalone mode
- 1 slot for accessories
- Toolless yoke adjustment
- Fanless, studio and full control modes
- Broad range of accessories available including Egg crate and barn doors

ORDERING INFORMATION

CHSFVP12: Chroma-Q Studio Force V 12 Phosphor:

ACCESSORIES

- CHCFCL12 Cyc Lens For Force 12
- CHCFBL12 Border Light Lens For Force 12
- CHCFSA12 Spigot Adaptor For Force 12
- CHCFECL12 Egg Crate Louver For Force 12
- CHCFTH12 Top Hat For Force 12
- CHCFHTH12 Half Top Hat For Force 12

*Preliminary values.

- CHCFBD12 Barn Door For Force 12
- CHCFDBX Diffuser Box For Force 12
- CHCFBA12 Lightbank Adaptor (Speedring) For Force 12
- CHCFB12 Lightbank For Force 12
- CHCFBK-K Lightbank Kit+ For Force 12 (consists of Lightbank Adaptor (Speedring) & Lightbank

OVERALL SPECIFICATIONS

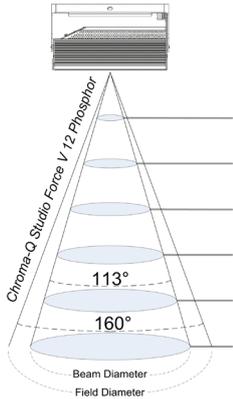
Net dimensions (without fixings):	Width: 335mm / 13.2" Height: 190mm / 7.5" Depth: 218mm / 8.6"
Net weight:	4 kgs / 9 lbs
Shipping dimensions:	Width: 432mm / 17" Height: 343mm / 13.5" Depth: 279mm / 11"
Shipping Weight:	6kgs / 13lbs
Power Supply:	Built-in
Power Input Rating:	100-240V AC, 50-60 Hz, 160VA
Power Factor	0.998
Power Consumption:	150W
Typical Power & Current:	Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.
Power Connector In/Out:	PowerCon
Data Connectors In/Out:	XLR 5-pin
Control Protocol:	ANSI E1.11 USITT DMX 512-A
Cooling System:	Forced - 1 fan
Operating Temperature:	0°C to 40°C
Construction:	Anodised aluminium extrusion
Colour:	Black
Built-In Hardware:	Quick release lever for tilt adjustment
IP Rating:	IP20
Approvals:	CISPR 22/EN55022 & CISPR 24/ EN55024, CES-003 :2004 & FCC Part 15 Subpart B: 2007, CSA C22. No.166- M1983:R2008 UL 1573:2010; UL 8750:2009
LED Engines:	2
LEDs Per Engine:	30 (6 x RGA, 12 x B)
Total LEDs:	60
Control Modes:	3 channel KHL, 4 channel RGWA, 1 channel Look Sel, Manual/Mstr, Slave, Look Store
Dimming Curve:	Theatrical
Effects Parameters:	N/A
Hot Lumen Output:	4,200 @ 5,600K; 1,750 @ 3,200K
Optics:	Remote phosphor panel
Beam Angle:	Softlight
Beam Distribution:	Symmetrical direct illumination
CCT:	3,200K - 5,600K (+/- 200K)
Colour Gamut:	Performance enhanced
CRI:	Up to 91*
Lamp Life:	L70 at 50,000 hours



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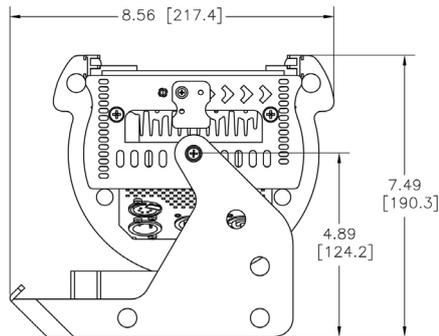
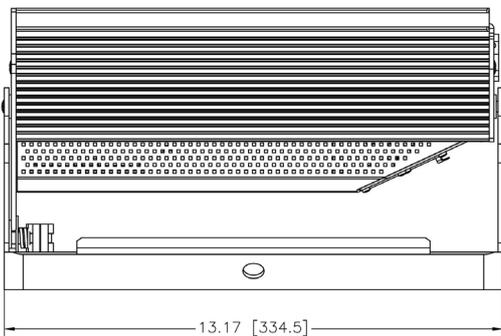
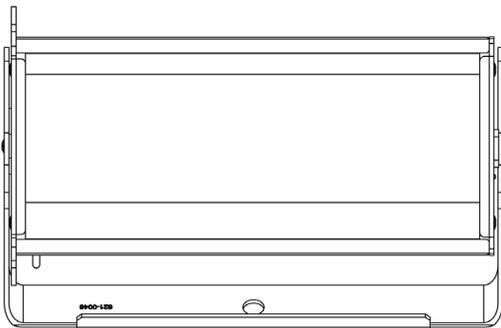
PHOTOMETRICS



Throw Distance		Beam Spread		Field Spread		3200K		5600K	
M	FT	M	FT	M	FT	LUX*	FC*	LUX*	FC*
1	3.28	3.0	9.84	10.9	35.76	643	59.74	1,509	140.19
2	6.56	5.9	19.36	21.8	71.52	161	14.94	377	35.05
3	9.84	8.9	29.20	32.7	107.28	71	6.63	168	15.58
4	13.12	11.9	39.04	43.6	143.04	40	3.73	94	8.76
5	16.40	14.8	48.56	54.4	178.48	26	2.39	60	5.61
6	19.69	17.8	58.40	65.3	214.24	18	1.66	42	3.89

* measured at centre of beam

DIMENSIONS



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