



**Chroma-Q®**  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1**  
**Chroma-Q® Space Force twobyfour™**  
**Large Source, Lightweight, & Powerful**  
**Part No: CHSPFV**

## DESCRIPTION

The Space Force twobyfour is a bright variable white LED soft light for use in TV studios, live broadcast and film. Control by DMX or manual control the Space Force twobyfour can be tuned from 2800 to 6000K with a superbly smooth intensity gradation. Up to 8 distinct cells can be controlled individually to create various shades or effects.

Extensive RDM functionality is provided through wired, or the optional LumenRadio CRMX, connections. With manual and remotely controllable LED frequency up to 96,000Hz, the Space Force twobyfour ensure flicker free and quiet operation.

## FEATURES

- High quality, pure, diffused soft lighting
- Variable white - 2,800K - 6,000K
- Smooth, soft uniform beam
- 55,000 lumens
- Individual control of 2, 4 or 8 sections' intensity and CCT
- Convection cooling for quiet operation
- Standard size; 2:4 ratio for easy mounting
- Variable PWM flicker-free operation
- Wireless DMX (optional) / RDM
- Extensive range of optional accessories
- Chroma-Q's proven LED performance

## ORDERING INFORMATION

CQ1512-1000: Chroma-Q Space Force twobyfour with yoke (black)

CQ1512-1005: Chroma-Q Space Force twobyfour with yoke (white)

CQ1512-1500: Chroma-Q Space Force twobyfour with yoke and LumenRadio Installed (black)

CQ1512-1505: Chroma-Q Space Force twobyfour with yoke and LumenRadio Installed (white)

## ACCESSORIES

CHSPFSY: Long Yoke Kit (for vertical mount)

CQ1512-9014: Mounting Plate For Yoke (CHSPFSY) Kit (W/O Yoke, w/o Hardware, for vertical mount)

CQ1512-9020: Large Yoke Kit (Included with 2x4)

CQ647-9070: LumenRadio kit – user installed

## OVERALL SPECIFICATIONS

Net Dimensions (without fixings):	Width: 1233mm / 48.5" Height: 626mm / 24.6" Depth: 215.5mm / 8.5"
Net Weight:	21.4kg / 47lb
Shipping Dimensions:	Width: 1397mm / 55" Height: 724mm / 28.5" Depth: 355.5mm / 14"
Shipping Weight:	27.7kg / 61lb
Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 218VA
Power Factor:	0.977 @ 120V AC, 0.97 @ 230V AC
Power Consumption:	825 W @ 120V AC, 825 W @ 230V AC
Inrush Current:	81 A @120VAC, 82 A @230V AC
Idle Power Consumption:	32 W @ 120V AC, 34 W @ 230V AC
Typical Power & Current:	Measurements done with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.
Power Connectors In/Out:	Neutrik powerCON TRUE1
Data Connectors In/Out:	XLR 5-pin
Control Protocol:	DMX
Cooling System:	Convection
Operating Temperature:	0°C to 40°C
Construction:	Powder Coated Aluminium
Colour:	Black / white
Built-In Hardware:	Suspension Rigging Points
IP Rating:	IP20
Approvals:	CISPR 22:2012/ EN55022:2012 & CISPR 24 :2010/ EN55024: 2010, ICES-003 :2017 & FCC PART 15 SUBPART B: 2017, CSA C22. NO. 166-: 2015, EN 60598-2-17/A2:1991, UL 1573:2003/R:2016-12
Control Modes:	INT-CCT, INT-CCT-EXTENDED
Dimming Curve:	Smooth
PWM Frequency:	Selectable from 750 to 96,000Hz
Hot Lumen Output:	@2800K:36000 lm, @4400K:55000lm, @6000K:53000 lm
Optics:	Fully homogenised lense
Beam Angle:	80° (approx)
Beam Distribution:	Symmetrical Direct Illumination
CCT:	2,800 - 6,000K (+/- 200K)
CRI:	>90
TLCI:	Up to 97
Max. Sound Level:	38.7 dB
Lamp Life:	L70 at 50,000 hours

**PRELIMINARY**  
[www.chroma-q.com](http://www.chroma-q.com)

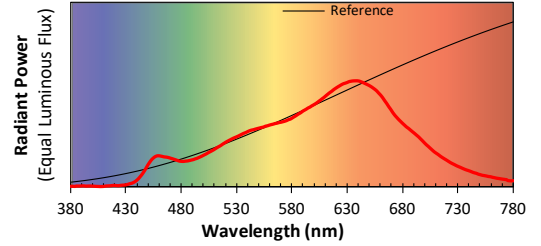
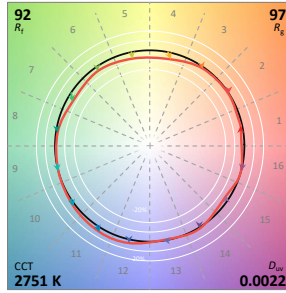
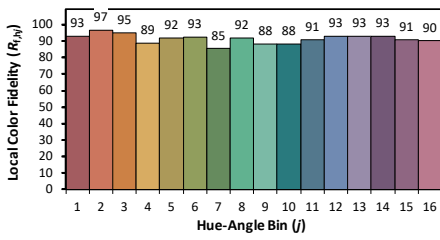


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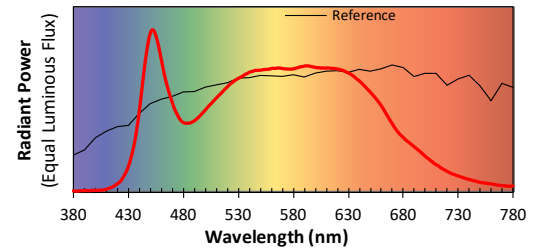
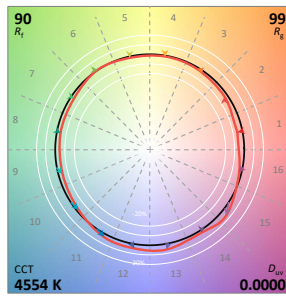
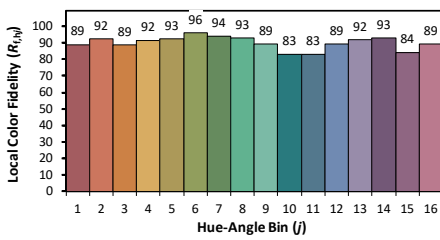
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**ANSI/IES TM-30-18 Color Rendition Report**

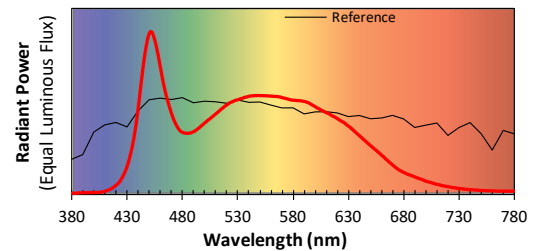
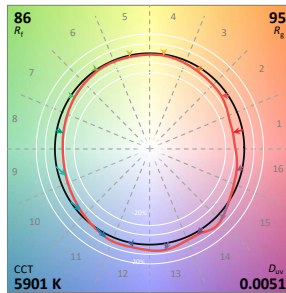
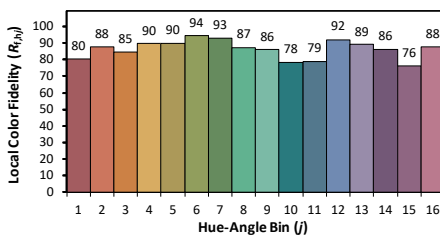
**Space Force onebytwo 2800K**



**Space Force onebytwo 4500K**



**Space Force onebytwo 6000K**



Fixture model Space Force 2X4 4400K	Field 160°	Beam 80°	Magnification x 1.68 Mf	Candelas 28800 Cd	Lumens 55300 lm	Watts 826 w	Lumen/w 67.0 lm/w		
	Throw Distance		Field Spread		Beam Spread		Full On		
	m	ft	m	ft	m	ft	Lux	Footcandle	
1.0 m	3.3 ft	11.3 m	37.2 ft	1.7 m	5.5 ft	28800 lx	2676 fc		
2.0 m	6.6 ft	22.7 m	74.4 ft	3.4 m	11.0 ft	7200 lx	669 fc		
3.0 m	9.8 ft	34.0 m	111.6 ft	5.0 m	16.5 ft	3200 lx	297 fc		
4.0 m	13.1 ft	45.4 m	148.9 ft	6.7 m	22.0 ft	1800 lx	167 fc		
5.0 m	16.4 ft	56.7 m	186.1 ft	8.4 m	27.5 ft	1152 lx	107 fc		
6.0 m	19.7 ft	68.1 m	223.3 ft	10.1 m	33.0 ft	800 lx	74 fc		
7.0 m	23.0 ft	79.4 m	260.5 ft	11.7 m	38.5 ft	588 lx	55 fc		
8.0 m	26.2 ft	90.7 m	297.7 ft	13.4 m	44.0 ft	450 lx	42 fc		
9.0 m	29.5 ft	102.1 m	334.9 ft	15.1 m	49.6 ft	356 lx	33 fc		
10.0 m	32.8 ft	113.4 m	372.1 ft	16.8 m	55.1 ft	288 lx	27 fc		

**PRELIMINARY**