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Space Force **onebytwo™** / **twobyfour™**

Soft white lighting fit for any space



Chroma-Q®

The Chroma-Q® Space Force panel range includes the award-winning Space Force onebytwo™ and Space Force twobyfour™. These cost-effective, bright, high quality variable white LED soft light panels are a modern replacement for traditional soft sources used in TV studio, live broadcast, vlog, film, video keying, video conferencing rooms, conference rooms and photographic applications.

The panels' 1x2 / 2x4 ratios and compact dimensions enable them to be mounted side-by-side in either ratio, overhead or on a wall, to create a huge volume of light in a standard room ceiling height studio or a small space.

Highly efficient and natively single-source, both the onebytwo and twobyfour are CCT variable between 2,800K and 6,000K, with an output of up to 13,800 / 55,000 lumens. The fixtures provide high colour rendering indexes, which are requirements for light sources used in the film and TV industry to ensure accurate colour rendering.

Convection cooling provides quiet operation for studios, and its low consumption provides a cooler working environment, reducing air conditioning needs to further boost energy savings.

With manual & remotely controllable LED frequency up to 96,000Hz, the onebytwo / twobyfour ensure flicker-free operation. Extensive DMX / RDM functionality is provided through wired, or the optional LumenRadio CRMX, connections.

The fixtures' built-in power & control electronics make them quick and easy to set up. Built to last, the onebytwo / twobyfour require minimal maintenance and retain colour consistency between units owing to our LED emitter inspection and proprietary ColorSure™ LED calibration system.

The twobyfour allows for individual control of 2, 4 or 8 sections' intensity and CCT – creating various shades and effects.

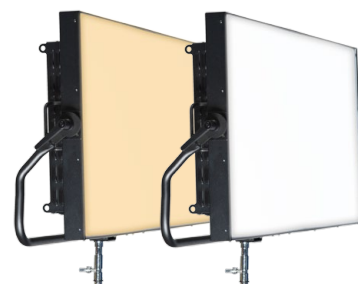
A range of optional accessories are available.

KEY FEATURES:

- High quality, pure, diffused soft lighting
- Variable white - 2,800K - 6,000K
- Smooth, soft uniform beam
- Up to 13,800 (1x2) / 55,000 (2x4) lumens
- Convection cooling for quiet operation
- Standard sizes, 1:2 / 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



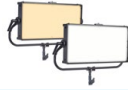
Space Force **onebytwo™**



Space Force **twobyfour™**

Technical Specification

Space Force **onebytwo**™



Space Force **twobyfour**™



Net Dimensions (WxHxD)	631mm x 313mm x 208mm / 25" x 12" x 8"	1,233mm x 626mm x 216mm / 48.5" X 24.6" X 8.5"
Net Weight	6.5kg / 14.3lbs (without yoke) 8.5kg / 19lbs (with yoke)	21.4kg / 47lbs (without yoke) 26kg / 57lbs (with yoke)
Shipping Dimensions	737mm x 406mm x 280mm / 29" x 16" x 11"	1,397mm x 724mm x 356mm / 55" x 28.5" X 14"
Shipping Weight	10kg / 22lbs	32.3kg / 71lbs
Power Supply	Built-in	Built-in
Power Input Rating	100-240V AC 50-60Hz 218VA	100-240 VAC, 50-60 Hz, 920 VA
Typical Power & Current	Measurements done with all LEDs at max. Intensity. Measurements made at nominal voltage. Allow for a deviations of +/- 10%	Measurements done with all LEDs at max. Intensity. Measurements made at nominal voltage. Allow for a deviations of +/- 10%
Power Factor	0.977 @ 120V AC, 0.928 @ 230V AC	0.97 @ 120V AC, 0.97 @ 230V AC
Power Consumption	204W @ 120V AC, 204W @ 230V AC	825W @ 120V AC, 825W @ 230V AC
Inrush Current	32A @ 120V AC; 35A @ 230V AC	81A @ 120V AC, 82A @ 230V AC
Idle Power Consumption	9W @ 120V AC, 10W @ 230V AC	32W @ 120V AC, 34W @ 230V AC
Max Sound Level (Decibel)	35.48 db	38.7db
Idle Sound Level (Decibel)	32.37 db	TBC
Supplied Hardware	Frame holder, manual offset yoke, spigot, power cable	Frame holder, manual offset yoke, spigot, power cable
Hot Lumen Output (Combined)	@2800K:9009 lm, @4400K:13808 lm, @6000K:13290 lm	@2800K:36000 lm, @4400K:55000 lm, @6000K:53000 lm
Luminance	800lx / 74fc @ 3m / 9.8ft	3200lx / 300fc @ 3m / 9.8ft
Lamp Life	L70 at 50,000 hours (measured under manufacturer's test conditions)	L70 at 50,000 hours (measured under manufacturer's test conditions)

Shared Specifications

Power Connectors In/Out	Neutrik Powercon TRUE1
Data Connectors In/Out	Neutrik XLR 5-pin male and female
Control Protocol	DMX
Operating Temperature	0°C to 40°C
Construction	Powder coated aluminium
Colour	Black / white
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
Optics	Fully homogenised lenses
Beam Angle	80° (approx)
Beam Distribution	Symmetrical direct illumination
CCT	Adjustable 2800 - 6000K +/-200K
CRI & TLCI	Up to 97
TM-30-18	Up to Rf 94, Rg 100
SSI	Up to 87

Optional Accessories

Space Force **onebytwo**™

CQ647-9013	Yoke Hardware Kit only for (without yoke and plates)
CQ647-0601	Replacement Protective Lens
CQ647-9001	Barn Door Black
CQ647-9002	Barn Door White
CQ647-0511	Bridle Four Way
CQ647-9025	Gel Frame
CQ647-9030	Pop Bank with Full and Half Front Screen
CQ647-9035	EZ Pop Soft Egg Crate Grid for EZ Pop Bank
CQ647-9040	Soft Egg Crate 8 Cell 7" Deep 40 Degree 1x2 Grid
CQ647-9045	Soft Egg Crate 2" Deep 40 Degree 1x2 Grid

Space Force **twobyfour**™

CHSPFSY	Manual offset Yoke (for vertical mount)
CQ1512-9014	Mounting Plate For Yoke Kit (w/o yoke w/o hardware)
CQ650-9070	LumenRadio Kit (user installed)
CQ1512-9001	Barndoor - Black
More options coming soon..	

Product Codes

onebytwo	twobyfour	
CQ647-2000	CQ1512-1000	with Yoke and Power Cord, Black
CQ647-2500	CQ1512-1500	with Yoke and Power Cord, LumenRadio Installed, Black
CQ647-2005	CQ1512-1005	with Yoke and Power Cord, White
CQ647-2505	CQ1512-1505	with Yoke and Power Cord, LumenRadio Installed, White

To arrange your personal demonstration or for more information on the full Space Force Range, contact us at: sales@chroma-q.com or visit www.chroma-q.com/space-force

In addition, follow us on Facebook: [chromaq.lighting](https://www.facebook.com/chromaq.lighting)  or Instagram: [chromaq](https://www.instagram.com/chromaq) 



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