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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 extremely high quality, diffused light is matched by a superbly smooth dimming intensity gradation.

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.

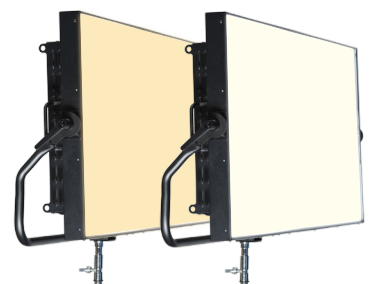
A range of optional accessories are available.

### 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



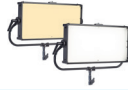
Space Force **onebytwo™**



Space Force **twobyfour™**

# Technical Specification

## Space Force **onebytwo**™



## Space Force **twobyfour**™



<b>Net Dimensions (WxHxD)</b>	631mm x 313mm x 208mm / 25" x 12" x 8"	1,233mm x 626mm x 216mm / 48.5" X 24.6" X 8.5"
<b>Net Weight</b>	6.5kg / 14.3lbs (without yoke) 8.5kg / 19lbs (with yoke)	21.4kg / 47lbs (without yoke) 26kg / 57lbs (with yoke)
<b>Shipping Dimensions</b>	736mm x 736mm x 254mm / 29" x 29" x 10"	1,397mm x 724mm x 356mm / 55" x 28.5" X 14"
<b>Shipping Weight</b>	10kg / 22lbs	32.3kg / 71lbs
<b>Power Supply</b>	Built-in	Built-in
<b>Power Input Rating</b>	100-240V AC 50-60Hz 218VA	100-240 VAC, 50-60 Hz, 920 VA
<b>Typical Power &amp; Current</b>	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%
<b>Power Factor</b>	0.977 @ 120V AC, 0.928 @ 230V AC	0.97 @ 120V AC, 0.97 @ 230V AC
<b>Power Consumption</b>	204W @ 120V AC, 204W @ 230V AC	825W @ 120V AC, 825W @ 230V AC
<b>Inrush Current</b>	32A @ 120V AC; 35A @ 230V AC	81A @ 120V AC, 82A @ 230V AC
<b>Idle Power Consumption</b>	9W @ 120V AC, 10W @ 230V AC	32W @ 120V AC, 34W @ 230V AC
<b>Max Sound Level (Decibel)</b>	35.48 db	38.7db
<b>Idle Sound Level (Decibel)</b>	32.37 db	TBC
<b>Supplied Hardware</b>	Frame holder, manual offset yoke, spigot, power cable	Frame holder, manual offset yoke, spigot, power cable
<b>Hot Lumen Output (Combined)</b>	@2800K:9009 lm, @4400K:13808 lm, @6000K:13290 lm	@2800K:36000 lm, @4400K:55000 lm, @6000K:53000 lm
<b>Luminance</b>	800lx / 74fc @ 3m / 9.8ft	3200lx / 300fc @ 3m / 9.8ft
<b>TM-30-15 Rf (Fidelity Index)</b>	@3200K: Rf:94, @4400K: Rf:90, @5600K: Rf:86	@3200K: Rf:94, @4400K: Rf:90, @5600K: Rf:86
<b>TM-30-15 Rg (Gamut Index)</b>	@3200K: Rg:101, @4400K: Rg:100, @5600K: Rg:97	@3200K: Rg:101, @4400K: Rg:100, @5600K: Rg:97
<b>Lamp Life</b>	L70 at 50,000 hours (measured under manufacturer's test conditions)	L70 at 50,000 hours (measured under manufacturer's test conditions)

### Shared Specifications

<b>Power Connectors In/Out</b>	Neutrik Powercon TRUE1
<b>Data Connectors In/Out</b>	Neutrik XLR 5-pin male and female
<b>Control Protocol</b>	DMX
<b>Operating Temperature</b>	0°C to 40°C
<b>Construction</b>	Powder coated aluminum
<b>Colour</b>	Black / white
<b>IP Rating</b>	IP20
<b>Approvals</b>	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
<b>Control Modes</b>	INT-CCT, INT-CCT-EXTENDED
<b>Dimming Curve</b>	Smooth
<b>Optics</b>	Fully homogenised lenses
<b>Beam Angle</b>	80° (approx)
<b>Beam Distribution</b>	Symmetrical direct illumination
<b>CCT</b>	Adjustable 2800 - 6000K +/-200K

### 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

### Optional Accessories

#### Space Force **onebytwo**™

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

#### Space Force **twobyfour**™

<b>CHSPFSY</b>	Manual Yoke (for vertical mount)
<b>CQ1512-9014</b>	Mounting Plate For Yoke Kit (w/o yoke w/o hardware, for vertical mount)
<b>CQ1512-9020</b>	Long Yoke Kit Bridle 2 Ways (set of 2)
<b>CQ650-9070</b>	LumenRadio Kit (user installed)
<b>CQ1512-9001</b>	Barndoor - Black

More options coming soon..

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

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BRILLIANT SOLUTIONS