



Chroma-Q®
Space Force™



The Next Frontier

Introducing the new Chroma-Q® Space Force™ LED fixture - the next frontier in space lighting.

The Space Force is a cutting-edge variable white LED Space Light that is a modern replacement for conventional space lights or soft light sources commonly used in film and TV studios around the world.

The Space Force benefits from cool running, energy efficiency, lightweight design and minimum maintenance. CCT tuneable between 2,800K and 6,500K, and natively single source, the diffuse nature of its output negates the need for silks or skirts.

Extensive RDM functionality is provided through wired, or the optional LumenRadio CRMX, connections.

Hanging options include a standard bridle, optional yoke and a low-profile hanging bracket.

Smooth, Soft Output

The Space Force is highly efficient and natively single source, removing the need for skirts or silks to diffuse the light.

Easy Setup

As a result of its low profile, lightweight (only 8kg / 17.6lb) and skirt-free design, the Space Force is quick and easy to set up at any height.

A White Light for Every Application

The Space Force is available as a variable white 2,800K – 6,500K.

Every unit is factory calibrated, to ensure consistent output and colour temperature.

Energy-Efficient

The Space Force uses a fraction of the power required by conventional fixtures, while delivering all of the performance you require - providing an output of up to 26,700 lumens, which is comparable to a traditional 6kW fixture.

Not only is the power consumption lower, so too is the heat produced - ensuring a cooler environment and lower air conditioning costs.

Convection Cooled

Using the same proven convection cooling technology found in other Chroma-Q LED models - which eliminates the need for noisy cooling fans - the Space Force provides totally silent running in operation.

Long Life

The Space Force utilises LED technology to ensure consistent long life performance - removing the need for costly regular maintenance associated with conventional fixtures.

High CRI & TLCI

The Space Force provides high CRI and TLCI values, which are requirements for light sources used in the film and TV industry to ensure accurate colour rendering.

Theatrical Grade Dimming

All Chroma-Q products come with theatrical grade dimming, and the Space Force is no exception. This technique emulates the extremely smooth dimming curve of a tungsten fixture, ensuring there is no stepping on the output. This allows the output to be smoothly controlled even at the low end of the dimming curve.

Flicker-Free Operation

The Space Force features adjustable PWM frequencies to provide flicker-free operation on even the most demanding shoots.

Complete Control

Unlike conventional fixtures, the Space Force has on-board power and control electronics - eliminating costly power cables and the need for dimmer racks. Control of colour temperature and intensity is available via DMX wired, the optional LumenRadio CRMX wireless, or locally via the onboard encoders.



Versatile Mounting Options

The Space Force features multiple mounting options. In addition to a built-in standard bridle and suspension hanger brackets for stacking multiple units together, optional accessories include a manual yoke and a low-profile hanging bracket.

Full Range Of Accessories

For real versatility, the Space Force is available with a range of optional accessories, including a black mini skirt, soft egg crate, cyc skirt / silk, soft target kit, and a soft lantern. In addition, the optional LumenRadio connectivity is also available as a user-installed accessory, for retro-fitting if required at a later date.

Key Features

- Comparable to a traditional 6kW fixture
- Up to 26,700 lumens
- Variable white – 2,800K to 6,500K
- Only 8kg / 17.6lb
- No fans, no noise
- Smooth, soft uniform beam
- Variable PWM flicker-free operation
- Multiple hanging options
- Wireless DMX / RDM
- Superior unit-to-unit consistency
- Chroma-Q's proven LED performance

Space Force Technical Specification

Product Code	CHSPFV Space Force Variable w Bridle CHSPFLR Space Force Variable w Bridle & LumenRadio Installed
Net Dimensions	655mm x 203mm x 655mm / 25.8" x 8" x 25.8"
Net Weight	8kg / 17.6lb
Shipping Dimensions	737mm x 737mm x 254mm / 29" x 29" x 10"
Shipping Weight	11kg / 24lb
Power Supply	Built-in
Power Input Rating	100-240V AC 50-60Hz 400VA
Typical Power & Current	Measurements done with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%
Power Factor	0.97
Power Consumption	333W @ 120V AC, 331W @ 230V AC
Inrush Current	56A @ 120V AC, 82A @ 230V AC

Idle Power Consumption	18W @ 120/230V AC
Residual Current (max.)	0.4 mA
Power Connectors In/Out	powerCON TRUE1
Data Connectors In/Out	XLR 5-pin
Control Protocol	ANSI E1.20 RDM over ANSI E1.11 USITT DMX 512-A
Cooling System	Convection
Operating Temperature	0°C to 40°C
Construction	Powder Coated Aluminium
Colour	Black / Gray
Built-In Hardware	Suspension Hanger Brackets
IP Rating	IP20
Approvals	CISPR 22:2008 / EN55022:2010 (Class A), & CISPR 24:2010 / EN55024:2010, FCC Part 15 Subpart B:2015, ICES-003:2012; UL 1573:2003 / R:2014-01, CSA C22.2 No. 160-M1983 IEC 60598

Control & Photometric

Control Modes	Manual Intensity / Colour Temperature, 2 Channel Intensity / Colour Temperature, Focus, Link, Memory 1 / 2, Addressing
Dimming Curve	Theatrical
Hot Lumen Output (Combined)	Up to 26,700 lm
Optics	High Efficiency Diffuser

Beam Angle	60°
Beam Distribution	Symmetrical Direct Illumination
CCT	2,800 - 6,500K (+/- 200K)
CRI	Up to 97
TLCI	Up to 97
Sound Level	24.6 dB
Lamp Life	L70 at 50,000 hours

Accessories

CHSPFSY	Manual Yoke
CHSPFHB	Low Profile Hanging Bracket
CHSPFMS	Black Mini Skirt
CHSPFSEC	Soft Egg Crate
CHSPFCK	Cyc Skirt / Silk

CHSPFSTK	Soft Target Kit - for use with a skirt Full, 1/2, 1/4, 1/8
CHSPFSL	Soft Lantern
CHSPFBR	Bridle - included with fixture
CHSPFLR	LumenRadio Kit - user installed

For the latest news and information on the Chroma-Q range, visit www.chroma-q.com

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