



Color Block 2 Plus

- Improved Brightness, Same Innovative Design



The Chroma-Q™ Color Block 2 Plus™ is a higher output version of the original Color Block 2™ multi-purpose LED fixture that retains the same versatile modular 'building block' design, single colour RGBA optics, high light output and theatrical grade dimming to create an exceptional all-round feature set.

40% More Lumen Output

The Color Block 2 Plus utilises the very latest generation of LED and optics, resulting in 40% more output (750 lumens) than the original Color Block 2 (530 lumens) when the internal switch is set to full power.

Color Block 2 Emulation Mode

For maximum convenience, it also features a Color Block 2 emulation mode, to simulate the lumen output of the original LED engine when used alongside other Color Block 2 fixtures.

Extensive Colour Palette

With its extensive colour palette and high CRI of 90, the Color Block 2 Plus fixture is a master at creating vibrant bold colours and subtle theatrical hues. Combined with its built-in variable colour temperature capability, even flesh tones look natural, satisfying all but the most critical eye.

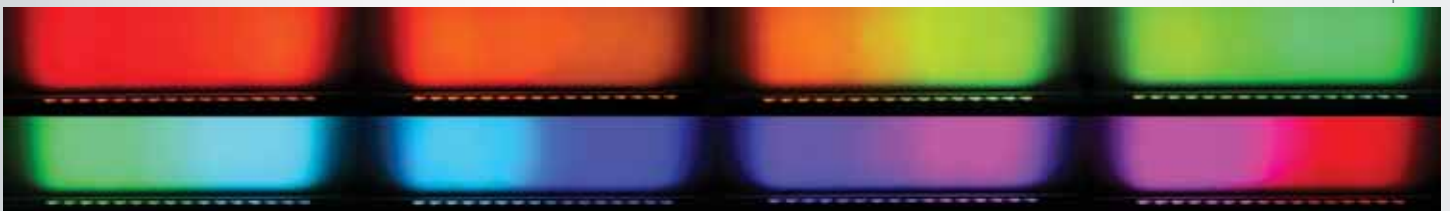
Single Colour Output

The four large, camera-friendly LED cells offer performers less glare and mix beautifully for single colour output, virtually eliminating the frustrating colour separation shadows normally synonymous with LED lighting. The beam optics have a soft asymmetrical quality carefully crafted to give an immediate perfect colour blend for uplighting surfaces, yet retain a soft Fresnel-like edge for direct illumination. The Color Block 2 Plus fixture is bright enough to uplight a 6m / 20 foot set and then some.

Theatrical Grade Dimming

In addition, the fixture provides a smooth, theatrical grade dimming experience, whilst retaining the instant strobe-like control of intensity normally associated with LED technology.

Extensive colour palette



Key Features

- 40% more lumen output (750) compared to original Color Block 2 (530)
- Color Block 2 emulation mode
- Compatible with all Color Block 2 PSUs and accessories
- CRI of 90 – for tungsten emulation
- Extensive colour range - create subtle theatrical hues
- Single colour diffused optics - virtually eliminate multicoloured shadows & offer camera friendly output
- Exceptional colour brightness & light output levels
- Modular construction with range of fixing accessories - easily configured as a wide variety of shapes



Single colour output RGBA optics mix within the fixture, practically eliminating multicoloured shadows and providing natural flesh tones.

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

Technical Specification


Color Block 2 Plus Specification

Product Code	CHCB4M2P	Power	External - see PSUs below
Dimensions	250mm x 62mm x 119mm / 9.8" x 2.4" x 4.7"	Cooling System	Forced Air
Weight	1.3kg / 2.8lbs	Construction	Anodised aluminium extrusion
Shipping Dimensions	267mm x 76mm x 127mm / 10.5" x 3" x 5"	Colour	Black
Shipping Weight	1.4kg / 3.1lbs	Built-In Hardware	Interlocking system & quick release catches for connecting as battens, 2x M10 nuts for additional fixings
Power Input Rating	48V DC	IP Rating	IP20
Typical Power & Current	See PSUs below	Approvals	CISPR22/EN55022 & CISPR 24/EN55024, ICES-003:2004 / FCC Part 15 Subpart B: 2007
Power Connector In/Out	XLR4 in/out		
Data Connector In/Out	XLR4 in/out		
Max Cable Run	60m / 200'		


Control & Photometric

LEDs	3x RGBA single colour output LEDs x4 cells, total 48 LEDs	Hot Lumen Output	CB2 Plus Mode: 750, CB2 Mode: 530 (Red: 370, Green: 623, Blue: 78, Amber: 338)
Control Modes	HSI, RGBA, RGB (*Magic Amber), RGBI (Magic Amber) & stand-alone	Optics	Specialised close focus lens
Dimming Curve	Theatrical	Beam Angle	25° (approx.)
Variable Effects Engine	Yes	Beam Distribution	Asymmetrical direct illumination
Effects Parameters	Grouping, colour speed, colour range, step, and intensity effects	CCT	Adjustable 1,000 - 10,000k
		Colour Gamut	Performance enhanced
		CRI	90
		Lamp Life	L70 at 50,000 hours

Color Block 5-Way Power Supply (to suit up to 5 fixtures)

Product Code	CHCBPSU05	Control	ANSI E1.11 DMX-512A, XLR5 in & through
Dimensions	219mm x 88mm x 279mm / 8.6" x 3.5" x 11"	IP Rating	IP20
Weight	3.9kg / 8.6lbs	Approvals	EN55103-1 & IEC60950, EN61000-3-3 & EN61000-3-2
Power	100-240VAC 50/60Hz, 480W, IEC chassis male		

Color Block 30-Way Power Supply (to suit up to 30 fixtures)

Product Code	CHCBPSU30	Control	ANSI E1.11 DMX-512A, XLR5 in & through
Dimensions	483mm x 368mm x 89mm (2U) / 19" x 14.5" x 3.5"	IP Rating	IP20
Weight	11.1kg / 24.5lbs	Approvals	EN55103-1 & 2, IEC60950, EN61000-3-3 & EN61000-3-2
Power	100-240VAC 50/60Hz, 2160W, trailing lead		

Accessories

CHCBSY	Yoke attachment	CHCBLP250	250mm / 9.8" LED pipe (single unit)
CHCBCY	Yoke / floor kit for single unit	CHCBLP1300	1.3m / 51.2" LED pipe (5-way batten)
CHCBBB	Batten bracket kit for up to 5 units	CHCBWB	Wall bracket for single unit
CHCBBF4	Blinder frame for 4 units	MUCX4SDP-0.22	Single link cable for use in battens

*Magic Amber is the term used for the unit's ability to bring in amber when mixing colours that require it.

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