



MADE IN
NORTH
AMERICA



Chroma-Q®
Color One 100X



Reach NEW Heights of Performance

The next generation of the Chroma-Q® Color One family is here: the Color One 100X™ LED PAR! This must-see luminaire features the same innovative homogenised beam as the Color One 100™ and with nearly 60% more output, this makes it one of the brightest fixtures in this category. The 100X's custom optical design and fully homogenised output delivers a powerful, smooth, uniform and defined 19° beam, with outstanding colour blending across the spectrum and no unsightly colour separation shadows. RGBA emitters deliver outstanding colours across the spectrum - including deep-cold blues, red-hot lava looks and super-soft pastels - as well as a complete range of whites - all from ONE source.

Utilising core LED technology from the Chroma-Q premium performance lighting range, the multi-purpose fixture is ideal for a wide range of applications and provides a powerful, creative lighting tool.

Smooth, Homogenised Optics

The Color One's custom optical design and fully homogenised output provides a smooth, uniform and defined 19° beam, with outstanding colour blend across the spectrum and no unsightly colour separation shadows.

This makes the Color One ideal for use as a front and backlight with clean shadows, and an uplighter with a smooth, even beam - all from ONE source.

Power Across The Spectrum

The Color One's huge RGBA colour-mixing palette delivers outstanding colour blend across the spectrum - including deep-cold blues, red-hot lava looks and super-soft pastels - as well as a complete range of whites - all from ONE source.

High CRI

With RGBA colour mixing providing a high CRI of 93, the fixture can achieve extremely accurate colour matching.

Theatrical Grade Dimming

Theatrical grade dimming emulates the extremely smooth dimming curve of tungsten fixtures.

Multi-Purpose Workhorse Fixture

With the advanced feature set also including convection cooling for quiet operation, a versatile mounting yoke and a choice of IP20 / IP65* models, the Color One is suitable for numerous entertainment lighting applications - complementing the popular Chroma-Q Color Force™ and Inspire™ LED fixtures ranges.

Convenient Remote-Controlled Operation

With a simple to use Infra-Red remote control included with each fixture, you can be up and running within minutes without the requirement of a lighting console - saving time and labour with instant access to preset colours, on/off, dimming and effects.

Compatible With Industry-Standard Accessories

To enable maximum flexibility with users' existing production inventory, the Color One accepts industry-standard 6.25" accessories such as egg crates, barndoors and top hats.



Key Features

- Nearly 60% brighter than its predecessor
- Fully homogenised beam
- RGBA colour-mixing palette
- Extremely uniform wash
- Defined 19° beam
- Bold saturates and subtle pastels from ONE source
- A pure white, all from a single source
- High CRI of 93
- Floor, truss or wall mountable
- Quiet, convection cooled, no fans
- Theatrical grade dimming
- Chroma-Q calibration provides exceptional fixture-to-fixture consistency
- Choice of IP20 and IP65 versions*

Color One 100X Technical Specification

Product Code	CHCONE100XRGBA (IP20) RGBA, IP20, PowerCon and XLR-5pin In/Out CHCONE100XRGBAI (IP65) RGBA, IP65, Tails In/Out, Neutrik Stainless Steel XLR-5pin In/Out
Net Dimensions (Full Open Yoke)	214mm x 267mm x 232mm / 8.5" x 10.5" x 9"
Net Weight	3.8kg / 8.5lb (IP20) 4.3kg / 9.5lb (IP65)
Shipping Dimensions	406mm x 228mm x 292mm / 16" x 9" x 11.5"
Shipping Weight	5.5kg / 12lb (IP20) 6kg / 12.5lb (IP65)
Power Supply	Built-in
Power Input Rating	100-240V AC 50-60Hz 125VA
Power Factor	0.539
Typical Power & Current	Measurements done with all LEDs at maximum

Power Consumption	63W (Maximum); 5.5W (Stand-by)
Power Connectors In/Out	powerCON (IP20) Trailing lead (IP65)
Data Connectors In/Out	XLR 5-pin (IP20) Neutrik Stainless Steel XLR 5-pin on 914mm / 36" Tails In & Out (IP65)
Control Protocol	ANSI E1.11 USITT DMX 512-A
Cooling System	Convection
Operating Temperature	0°C to 40°C (IP20) -20°C to +40°C (IP65)
Construction	Cast machined aluminium
Colour	Black (custom colours available on request)
Built-In Hardware	Split Yoke, 6.25" Accessory Holder
IP Rating	IP20 / *IP65
Approvals	CISPR 15 / EN55015 & EN61547, FCC Part 15 Subpart B:2012 / ICES-003:2012, CSA C22.2, UL 1573, IEC 60598

Color One 100X Control & Photometric

LED Engines	1
LEDs Per Engine	Combination of Red, Green, Blue and Amber
Total LEDs	28
Control Modes	4 channels RGBA, 5 channels RGBAI, 3 channels HSI, 3 channels RGB, 3 channels MLED RGB, Master, Slave
Dimming Curve	Theatrical
Effects Parameters	Full Colour Scroll, Warm Colour Scroll, Cold Colour Scroll and Fade In/Fade Out

Hot Lumen Output (Combined)	1,950
Optics	Fully homogenised
Beam Angle	19°
Beam Distribution	Symmetrical direct illumination
CCT	Adjustable 1,000 – 10,000K
Colour Gamut	Performance enhanced
CRI	93
Lamp Life	L70 at 50,000 hours
Variable Effects Engine	Yes (via Wireless IR Remote)
Accessories Included	Wireless IR Remote, Colour Frame

* As Per IEC60529 ingress protection rating code.

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

In addition, follow us on Facebook. [chromaqlighting](https://www.facebook.com/chromaqlighting) 