



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.1
Chroma-Q® Color One 100X™
Reach NEW Heights of Performance
Part No: CHCONE100XRGBA

DESCRIPTION

The next generation of the Chroma-Q® Color One family is here: the Color One 100X™ LED PAR! This luminaire features the same innovative homogenized beam, as the Color One 100™, only with nearly 60% more output. 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.

FEATURES

- 1,950 hot lumen output
- Fully homogenised beam
- RGBA colour-mixing palette
- Extremely uniform wash
- Defined 19° beam
- Bold saturates and subtle pastels from ONE source
- High CRI of 93
- Floor, truss or wall mountable
- Quiet, convection cooled, no fans
- Theatrical grade dimming
- Choice of IP20 and IP65* versions

*As per IEC60529 ingress protection rating code.

ORDERING INFORMATION

CHCONE100XRGBA: Chroma-Q Color One 100X RGBA, IP20, PowerCon and XLR-5pin In/Out

OVERALL SPECIFICATIONS

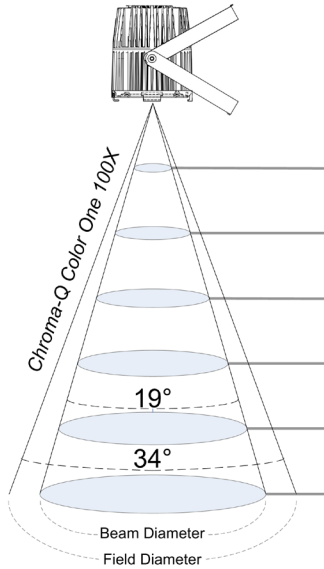
Net dimensions (Full Open Yoke):	Width: 214mm / 8.5" Height: 267mm / 10.5" Depth: 232mm / 9"
Net weight:	3.8kg / 8.5lb
Shipping dimensions:	Width: 406mm / 16" Height: 228mm / 9" Depth: 292mm / 11.5"
Shipping Weight:	5.5kg / 12lb
Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 125VA
Power Factor:	0.5
Power Consumption:	63W (Maximum); 5.5W (Stand-by)
Inrush Current:	22A @ 120V AC; 39A @ 230V AC
Typical Power & Current:	Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.
Power Connector In/Out:	powerCON
Data Connectors In/Out:	XLR 5-pin
Control Protocol:	ANSI E1.11 USITT DMX 512-A
Cooling System:	Convection
Operating Temperature:	0°C to 40°C
Construction:	Cast machined aluminium
Colour:	Black (custom colours available on request)
Built-In Hardware:	Split Yoke, 6.25" Accessory Holder
Included Accessories:	Wireless IR Remote, Colour Frame
IP Rating:	IP20
Approvals:	CISPR 15 / EN55015 & EN61547, FCC 15 Subpart B:2012 / ICES-003:2012, CSA C22.2, UL 1573, IEC 60598
Part	
Control Modes:	4 channels RGBA, 5 channels RGBAI, 3 channels HSI, 3 channels RGB, 3 channels MLED RGB, Master, Slave
Dimming Curve:	Theatrical
Variable Effects Engine:	Yes (via Wireless IR Remote)
Effects Parameters:	Full Color Scroll, Warm Color Scroll, Cold Color 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



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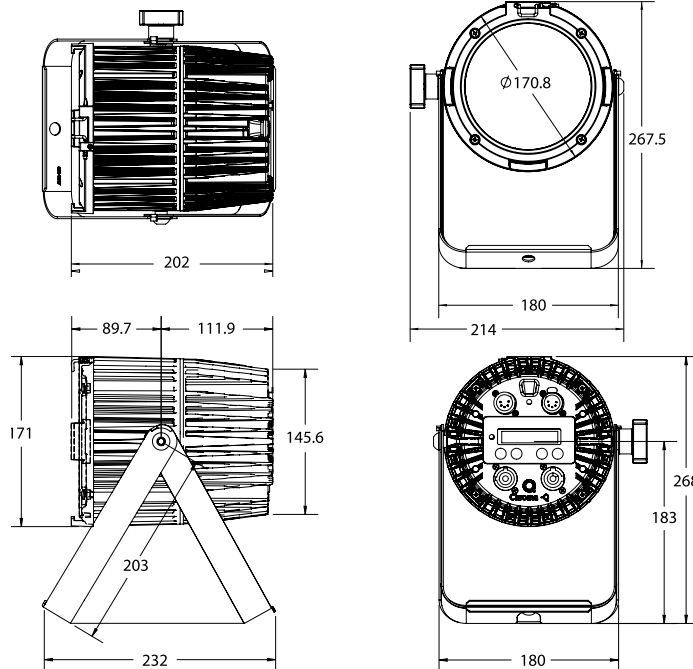
PHOTOMETRICS



Throw Distance		Beam Spread		Field Spread		Full On	
M	FT	M	FT	M	FT	LUX*	FC*
1	3.28	0.3	0.98	0.6	1.97	12,759	1,185.35
2	6.56	0.7	2.30	1.2	3.94	3,190	296.34
3	9.84	1.0	3.28	1.8	5.91	1,418	131.71
4	13.12	1.4	4.59	2.5	8.20	797	74.08
5	16.40	1.7	5.58	3.1	10.17	510	47.42
6	19.69	2.0	6.56	3.7	12.14	354	32.92

* measured at centre of beam

DIMENSIONS



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