



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.1
Chroma-Q® Color Force II Plus 12
Part No: CQ1652-1012

DESCRIPTION

Once again, Chroma-Q impresses with Color Force II Plus, the updated version of the renowned Color Force II™ professional luminaire.

The Color Force II Plus boasts enhanced brightness and a richer palette, while maintaining the same form factor and character as the market-leading original. The innovative optical system with individually controlled pixels provides smooth, beautiful and even coverage for any cyc or surface with no unsightly colour shadowing.

Designed for a variety of applications where powerful and precise lighting is essential, including cyc, flood and wall washing up to 12m.

Available in 1.8m / 6 ft, 1.2m / 4 ft, and 0.3m / 1 ft versions.

FEATURES

- Featuring Chroma-Q's proven award-winning technology
- Over 4,500 hot lumens
- Extremely smooth, uniform output
- Homogenized RGBA colour mixing
- Pixel control to 76mm/3in increments
- High CRI of 92
- Theatrical grade dimming
- Rugged extruded aluminium body
- Built-in power supply
- Chroma-Q calibration means: superior fixture-to-fixture consistency
- Works great in any theatre, TV, concert touring, exhibitions, or corporate event
- Optional internal LumenRadio
- Touchscreen user interface

ORDERING INFORMATION

- CQ1652-1012: Chroma-Q Color Force II Plus 12, black
- CQ1652-1100: Chroma-Q Color Force II Plus 12, white
- CQ1652-1500: Chroma-Q Color Force II Plus 12 w/LumenRadio, black
- CQ1652-1600: Chroma-Q Color Force II Plus 12 w/LumenRadio, white

ACCESSORIES

- CHCFBL12: Chroma-Q border lens for Color Force II Plus 12
- CHCFCL12: Chroma-Q cyc lens for Color Force II Plus 12
- CHCFTL12: Chroma-Q clear lens for Color Force II Plus 12
- CHCFBD12: Chroma-Q barndoor for Color Force II Plus 12, black
- CHCFBD12W: Chroma-Q barndoor for Color Force II Plus 12, white
- CHCFECL12: Chroma-Q egg crate louver for Color II Force Plus 12 black
- CHCFTH12: Chroma-Q top hat for Color Force II Plus 12, black
- CHCFHTH12: Chroma-Q half top hat for Color Force II Plus 12, black
- CHCFZH12: Chroma-Q zip hood for Color Force II Plus 12
- CHCFDBX: Chroma-Q diffuser box for Color Force II Plus 12, black
- CHCFDBXW: Chroma-Q diffuser box for Color Force II Plus 12, white
- CHCFLB12: Chroma-Q lightbank for CF II Plus 12, *requires CHCFLBA12*
- CHCFLBA12: Chroma-Q speed ring Chimera adaptor CFII Plus 12, black
- CH641-9070: Chroma-Q RF LumenRadio kit option for Color Force II Plus 12

OVERALL SPECIFICATIONS

Net Dimensions (without fixings):	Length: 335mm / 13.2" Width: 218mm / 8.6" Height: 190mm / 7.5"
Net Weight:	5kg / 11.2lb
Shipping Dimensions:	Length: 432mm / 17" Width: 279mm / 11" Height: 343mm / 13.5"
Shipping Weight:	7kg / 15.5lb
Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 160VA
Power Factor:	0.99 @ 120V AC, 0.97 @ 240V AC
Power Consumption:	133W @ 120V AC, 133W @ 240V AC
Idle Power Consumption:	8W @ 120V AC, 10W @ 240V AC
Typical Power & Current:	Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%
Power Connectors In/Out:	Neutrik powerCON TRUE1
Data Connectors In/Out:	Neutrik XLR 5-pin
Max Fixtures in Series:	12 x fixtures @110V, 22 x Fixtures @220V
Control Protocol:	ANSI E1.11 USITT DMX 512-A
Cooling System:	Forced
Operating Temperature:	0°C to 40°C
Construction:	Anodised aluminium extrusion
Colour:	Black
Built-In Hardware:	Quick release lever for tilt adjustment
IP Rating:	IP20
Control Modes:	RGBA, RGB, HSI, Look Sel, Master, x4, x2, x1, Odd /Even
Dimming Curve:	Theatrical
Variable Effects Engine:	Strobe, Strobe on Top, Strobe Random
Hot Lumen Output (Combined):	4,500 lm
Optics:	Fully homogenised lenses
Beam Angle:	26° (approx.)
Beam Distribution:	Asymmetrical direct illumination
CCT:	Adjustable 1,000 - 10,000K
Colour Gamut:	Performance enhanced
CRI:	92
Lamp Life:	L70 at 50,000 hours
Approvals:	CISPR 22: 2006/EN55022: 2006 & CISPR 24: 1997/EN55024:1998, ICES-003: 2004 & FCC Part 15 Subpart B: 2007, CSA C22. No. 166-M1983:R2008 UL 1573:2003; UL 8750

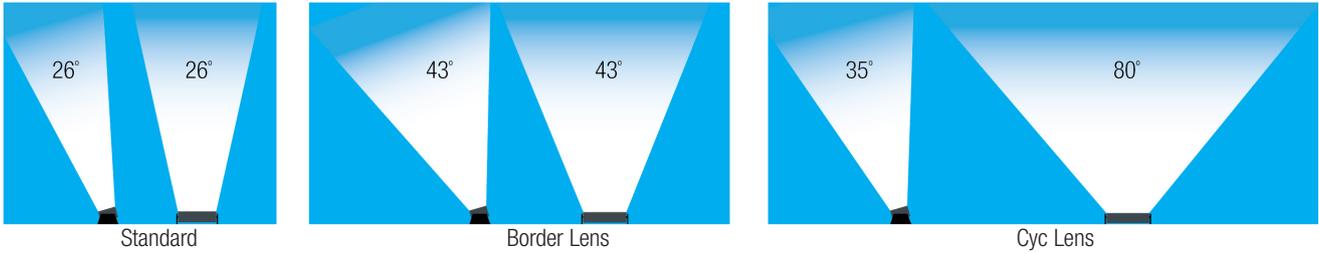


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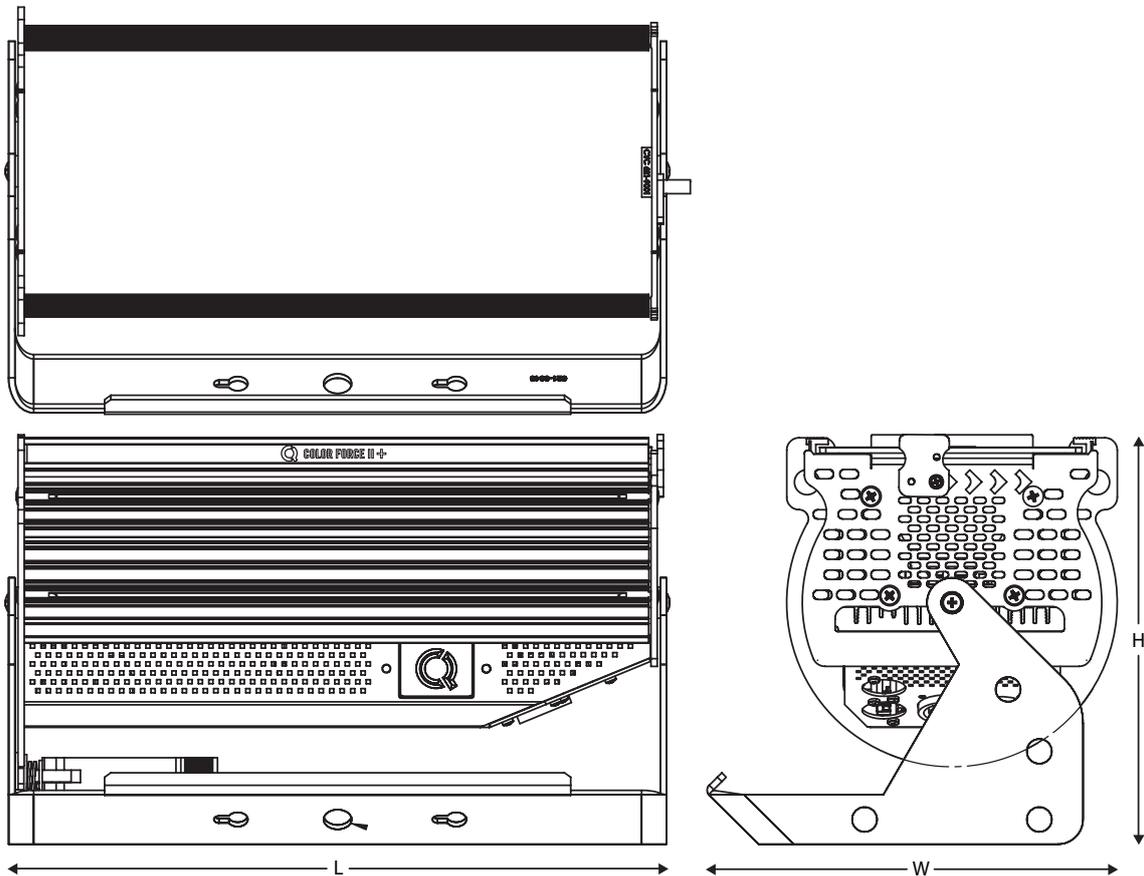
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PHOTOMETRICS

Fixture model Color Force II Plus 12	Throw Distance		Field Spread		Beam Spread		Full On	
	m	ft	m	ft	m	ft	Lux	Footcandle
Field: 54°	1.00 m	3.3 ft	1.0 m	3.3 ft	0.5 m	1.5 ft	16200 lx	1505 fc
Beam: 26°	1.53 m	5.0 ft	1.6 m	5.1 ft	0.7 m	2.3 ft	6920 lx	643 fc
Magnification (mf): 0.46 x	3.05 m	10.0 ft	3.1 m	10.2 ft	1.4 m	4.6 ft	1741 lx	162 fc
Candelas: 16200 Cd	3.95 m	13.0 ft	4.0 m	13.2 ft	1.8 m	6.0 ft	1038 lx	96 fc
Lumens: 4500 lm	4.56 m	15.0 ft	4.6 m	15.2 ft	2.1 m	6.9 ft	779 lx	72 fc
	6.10 m	20.0 ft	6.2 m	20.4 ft	2.8 m	9.2 ft	435 lx	40 fc
Lumen/w: 138.6 lm/w	6.85 m	22.5 ft	7.0 m	22.9 ft	3.2 m	10.4 ft	345 lx	32 fc
CRI Ra: 92	7.63 m	25.0 ft	7.8 m	25.5 ft	3.5 m	11.6 ft	278 lx	26 fc
TM-30 Rf / Rg: 88 / 105	9.15 m	30.0 ft	9.3 m	30.6 ft	4.2 m	13.9 ft	193 lx	18 fc
Duv: -0.0012	10.07 m	33.0 ft	10.3 m	33.7 ft	4.6 m	15.3 ft	160 lx	15 fc



DIMENSIONS



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