



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.1
Chroma-Q® Color Force II Plus 48
Part No: CQ1641-2000

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
- Up-To 18,000 hot lumens will easily wash a 12m / 39 ft. cyc
- 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

CQ1641-2000:	Chroma-Q Color Force II Plus 48, black
CQ1641-2100:	Chroma-Q Color Force II Plus 48, white
CQ1641-2500:	Chroma-Q Color Force II Plus 48, w/LumenRadio, black
CQ1641-2600:	Chroma-Q Color Force II Plus 48, w/LumenRadio, white

ACCESSORIES

CHCFBL48:	Chroma-Q border lens for Color Force II Plus 48
CHCFCL48:	Chroma-Q cyc lens for Color Force II Plus 48
CHCFTL48:	Chroma-Q clear lens Color Force II Plus 48
CQ641-9003:	Chroma-Q Hang Force kit Color Force II Plus 48, black
CQ641-9004:	Chroma-Q Hang Force kit Color Force II Plus 48, white
CQ641-9020:	Chroma-Q Light Guard Color Force II Plus 48, black
CQ641-9021:	Chroma-Q Light Guard Color Force II Plus 48, white

OVERALL SPECIFICATIONS

Net Dimensions (without fixings):	Length: 1,181mm / 46.5" Width: 165mm / 6.5" Height: 191mm / 7.5"
Net Weight:	18kg / 40lb
Shipping Dimensions:	Length: 1,295mm / 51" Width: 305mm / 12" Height: 320mm / 12.5"
Shipping Weight:	21kg / 46lb
Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 550VA
Power Factor:	0.97 @ 120V AC, 0.92 @ 240V AC
Power Consumption:	533W @ 120V AC, 533W @ 240V AC
Idle Power Consumption:	27W @ 120V, AC 30W @ 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:	3 x fixtures @110V, 6 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, x16, x8, x4, x2, x1, Odd/Even, Skp3, Skp7
Dimming Curve:	Theatrical
Variable Effects Engine:	Strobe, Strobe on Top, Strobe Random
Hot Lumen Output (Combined):	18,000 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 573:2003; UL 8750

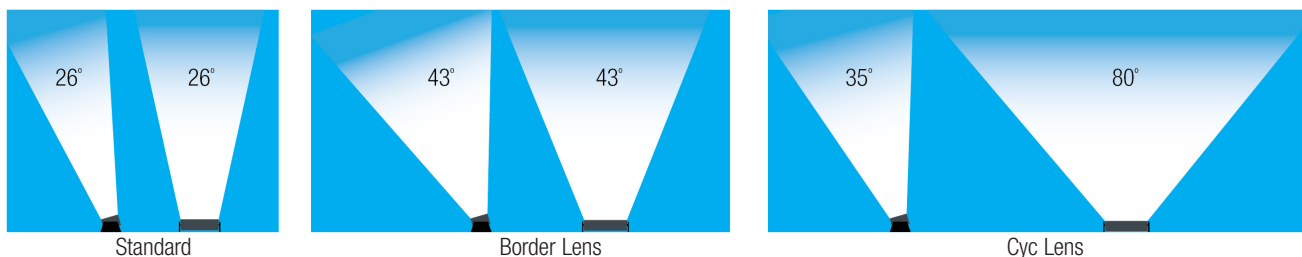


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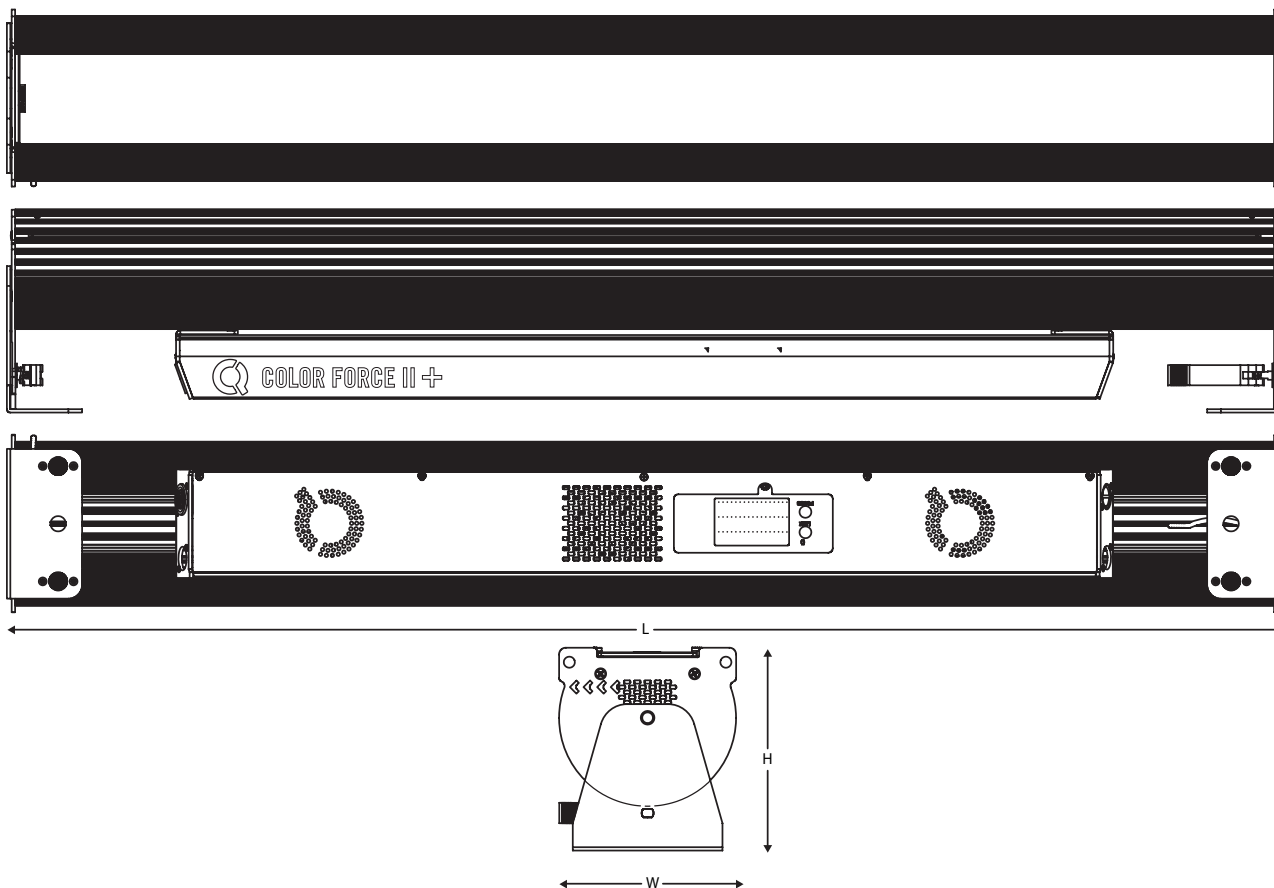
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PHOTOMETRICS

Fixture model Color Force II Plus 48	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	67500 lx	6271 fc
Beam: 26°	1.53 m	5.0 ft	1.6 m	5.1 ft	0.7 m	2.3 ft	28835 lx	2679 fc
Magnification (mf): 0.46 x	3.05 m	10.0 ft	3.1 m	10.2 ft	1.4 m	4.6 ft	7256 lx	674 fc
Candelas: 67500 Cd	3.95 m	13.0 ft	4.0 m	13.2 ft	1.8 m	6.0 ft	4326 lx	402 fc
Lumens: 18400 lm	4.56 m	15.0 ft	4.6 m	15.2 ft	2.1 m	6.9 ft	3246 lx	302 fc
Watts: 426 w	6.10 m	20.0 ft	6.2 m	20.4 ft	2.8 m	9.2 ft	1814 lx	169 fc
Lumen/w: 158.5 lm/w	6.85 m	22.5 ft	7.0 m	22.9 ft	3.2 m	10.4 ft	1439 lx	134 fc
CRI Ra: 92	7.63 m	25.0 ft	7.8 m	25.5 ft	3.5 m	11.6 ft	1159 lx	108 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	806 lx	75 fc
Duv: -0.0012	10.07 m	33.0 ft	10.3 m	33.7 ft	4.6 m	15.3 ft	666 lx	62 fc



DIMENSIONS



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