



**Chroma-Q®**  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1.1**  
**Chroma-Q® Color Force II 48 RGBA**  
**Part No: CHCF248RGBA**

**DESCRIPTION**

The Chroma-Q® Color Force II 48™ is part of the next-generation of solutions which take performance to an all-new level.

Using the very latest fully homogenised optics found in the popular Chroma-Q Color One 100™ product range, the Color Force II fixtures' output is a single, clean and pure beam of light, delivering a superior colour blend with no unsightly colour mixing shadows.

The homogenised optics and improved Chroma-Q technology provide even higher quality saturates and pastels, and a purer white with no skittles – all from a single source.

Factory calibration ensures all Color Force II units are colour matched, so side by side they will be outputting the exact same colour.

The new models also provide more creative control, with twice as many light engines accommodated within the same fixture lengths – providing independently controllable cells every 3 inches.

**FEATURES**

- Up to 13,550 lumens – at least 50% more output compared to predecessors
- Homogenised output – superior colour blend & no unsightly colour-mixing shadows
- Even more creative control – twice as many light engines
- Theatrical grade dimming
- Practical, user friendly design
- Superior unit-to-unit consistency
- Optional internal LumenRadio
- Chroma-Q's proven LED performance
- Touchscreen user interface

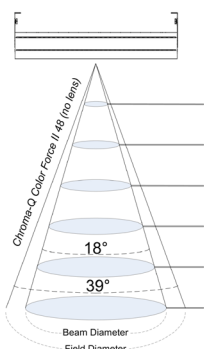
**ORDERING INFORMATION**

CHCF248RGBA: Chroma-Q Color Force II 48  
CHCF248RGBALR: Chroma-Q Color Force II 48 w LumenRadio Installed

**ACCESSORIES**

CHCFBL48: Chroma-Q Border lens for Color Force 48  
CHCFCL48: Chroma-Q Cyc lens for Color Force 48

**PHOTOMETRICS**



	Throw Distance		Beam Spread		Field Spread		Full On	
	M	FT	M	FT	M	FT	LUX*	FC*
1	3.28	0.3	0.98	0.7	2.30	77,438	7,194.22	
2	6.56	0.6	1.97	1.4	4.59	19,359	1,798.51	
3	9.84	1.0	3.28	2.1	6.89	8,604	799.34	
4	13.12	1.3	4.27	2.8	9.19	4,839	449.56	
5	16.40	1.6	5.25	3.5	11.48	3,098	287.81	
6	19.69	1.9	6.23	4.2	13.78	2,151	199.83	

\* measured at centre of beam

**OVERALL SPECIFICATIONS**

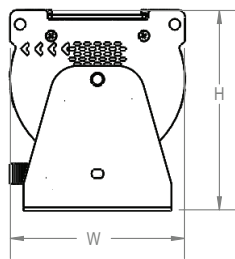
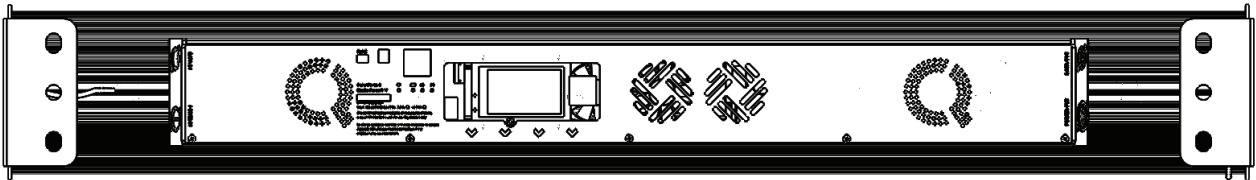
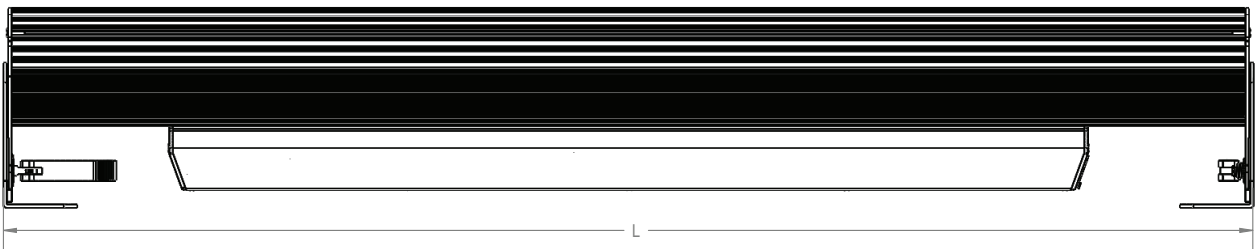
Net Dimensions (without fixings):	Length: 1,181mm / 46.5" Width: 165mm / 6.5" Height: 191mm / 7.5"
Net Weight:	18 Kg / 40 lb
Shipping Dimensions:	Length: 1,295mm / 51" Width: 305mm / 12" Height: 320mm / 12.5"
Shipping Weight:	21 Kg / 46 lb
Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 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):	13,550 lm
Optics:	Fully homogenised lenses
Beam Angle:	22° (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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## DIMENSIONS



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