



**Chroma-Q™**  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1.1**  
**Chroma-Q™ Color Charge Plus™**  
**Battery Powered LED Fixture**  
**Part No: CHCCPRGBA**

**DESCRIPTION**

The fixture shall provide a portable, battery powered LED lighting source.  
The battery shall be NIMH.  
The head shall be focusable over a range greater than 90°.  
The fixture shall be suitable for a wide range of indoor temporary lighting applications.  
The fixture shall provide wireless and wired control.  
The fixture shall provide a master slave mode via wireless signal.  
The fixture shall provide RGBA colour mixing.  
The fixture shall provide a high CRI of 92.  
The fixture shall provide 900 hot lumens output.  
The fixture shall provide up to 30 hours usage from a single battery charge.  
The fixture shall have a gas gauge.  
The fixture shall provide a smooth, linear dimming curve.  
The fixture shall offer a choice of RGB, RGBA, St RGBI (\*Magic Amber™) and Fx HSI control modes.  
The fixture shall feature a built-in stand-alone mode with real-time triggering.  
The fixture shall be manufactured from partially recyclable materials.  
The fixture shall be fanless.  
The fixture shall provide operation as a wireless receiver and transmitter.

**FEATURES**

- 900 lumens output – super bright for a battery powered fixture
- 50% more light output than original Color Charge
- Battery powered LED fixture - no need for mains power
- Long battery life - NiMH battery lasts up to 30 hours
- Long product life - up to 1,000 battery recharges
- Wireless control and syncing between units - no cables
- RGBA - improved colour rendition and a wider colour range
- High CRI of 92
- Theatrical grade dimming
- Future proof - interchangeable head
- Green design

**ORDERING INFORMATION**

CHCCPRGBA: Chroma-Q Color Charge Plus RGBA

**ACCESSORIES**

CHCCHHS: Chroma-Q Half Hat Snoot for Color Charge  
CHCCCI: Chroma-Q Power Cradle to Take 3 Color Charge Units  
CHCCBP: Chroma-Q Replacement Battery Pack For Color Charge

**OVERALL SPECIFICATIONS**

Net dimensions (without fixings):	Width: 140mm / 5.5"
Depth:	Height: 230mm / 9"
Net weight:	280mm / 11"
Shipping dimensions:	7.5kg / 16lbs
	Width: 330mm / 13"
	Height: 304mm / 12"
	Depth: 190mm / 7.5"
Shipping weight:	8kg / 18lbs
Power (for charging only):	100-240V AC, 50-60 Hz, 160VA
Power consumption:	77W @ 120V AC (Charging)
Power connector in/out:	IEC
Data connector in/out:	XLR 5-pin
Control protocol:	ANSI E1.11 USITT DMX 512-A, wireless W-DMX
Cooling system:	Convection
Operating temperature:	0°C to 40°C
Construction:	Anodised aluminium extrusion
Colour:	Black
Built-in hardware:	1/2" nutsert, Kensington lock slot
IP rating:	IP20
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
LED cells:	1
Total LEDs:	12
Control modes:	5 channels St RGBI (*Magic Amber), 5 channels Fx HSI, 3 channels RGB, 4 channels RGBA, 1 channel DMX Look Select, Demo, Stand-alone Master Theatrical
Dimming curve:	Theatrical
Variable effects engine:	Yes
Effects parameters:	Colour speed, colour fan, colour range, colour step, intensity effects and intensity fan
Hot lumen output:	White 900 lumen Red 132 lumen Green 475 lumen Blue 46 lumen Amber 117 lumen
Optics:	Specialised close focus lens
Beam angle:	22° (Approx.)
Beam distribution:	Symmetrical direct illumination
CCT:	Adjustable 1,000 - 10,000K
Colour gamut:	Performance enhanced
CRI:	92
Lamp life:	L70 at 50,000 hours

\*Magic Amber is the term used for the unit's ability to bring in amber when mixing colours that require it.



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