Mighty Output LED Battens

The Chroma-Q® Color Force™ LED batten range is a brute of a light. The super bright fixture easily washes up to 8m / 26 ft. In addition, the RGBA LED engines provide a radically increased colour palette, together with a high CRI of 92 and theatrical grade dimming, all in the same fixture.

- High CRI of 92
- Theatrical grade dimming
- Extremely smooth, uniform wash
- Radically increased RGBA colour palette
- Choice of 1.8m / 6ft (72) and 1.2m / 4ft (48) lengths
- Super bright fixture, easily washes up to 8m / 26 ft
- Saturate and pastel colours available from a single fixture

Mighty Output
The Color Force offers extreme light output, lighting an 8m / 26ft drop cyclorama in your choice of colour.

Optional accessories include a Cyc lens plate for up to 5m / 20ft drop and a Border lens plate for general purpose wash applications.

Below demonstrates the Color Force output compared to a traditional 1kW cyc flood. Identical camera settings were used in the comparative photos.

Power across the Spectrum
The Color Force offers massive output across the spectrum, ensuring both vivid saturates and subtle palette colours are available from a single fixture.

It provides a single fixture solution for concert touring, corporate events, exhibitions, TV and theatre.

The Chroma-Q RGBA engine has been developed to deliver an incredible CRI of 92, for true colour balance across the spectrum.

Optics
The Color Force custom optical design provides a smooth, uniform output with outstanding smooth colour blend across the spectrum.

Practical & Mechanical
On the outside, the Color Force has been designed to provide maximum versatility and ease of use. The built-in power supply, hidden quick release fixings requiring no tools, and mains power / DMX in at one end and out the other provide fast deployment and simple cable management.

The Color Force also features stand-alone Master and Slave modes for additional usage possibilities, flat end plates for seamless wall-washing and a rugged extruded aluminium body.

Control
The Color Force features smooth, theatrical grade dimming and intuitive colour control for all console types. Advanced software enables industry standard 3 channel RGB and HSI control for each light engine. A full range of flicker-free modes are also included.

Effects
With separate RGBA control every 150mm / 6” and a comprehensive built-in effects engine, the Color Force offers new possibilities in cyclorama effects.

Key Features
- High CRI of 92
- Theatrical grade dimming
- Extremely smooth, uniform wash
- Radically increased RGBA colour palette
- Choice of 1.8m / 6ft (72) and 1.2m / 4ft (48) lengths
- Super bright fixture, easily washes up to 8m / 26 ft
- Saturate and pastel colours available from a single fixture
**Technical Specification**

### Color Force 48 / 72 Technical Specification

<table>
<thead>
<tr>
<th>Product Code 48 / 72</th>
<th>CHCF48NFRGBA / CHCF72NFRGBA</th>
</tr>
</thead>
<tbody>
<tr>
<td>(with Border lens kit)</td>
<td>CF48BDRRGBA / CF72BDRRGBA</td>
</tr>
<tr>
<td>(with Cyc lens kit)</td>
<td>CF48CYCRGBA / CF72CYCRGBA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net Dimensions 48</th>
<th>1,181mm x 182mm x 177mm / 46.5&quot; x 7.25&quot; x 7&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Dimensions 72</td>
<td>1,759mm x 182mm x 177mm / 69.25&quot; x 7.25&quot; x 7&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net Weight 48</th>
<th>15kgs / 33lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Weight 72</td>
<td>22kgs / 48lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power Input Rating 48</th>
<th>100-240V AC, 50-60 Hz, 400VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Input Rating 72</td>
<td>100-240V AC, 50-60 Hz, 700VA</td>
</tr>
</tbody>
</table>

### Control & Photometric

#### LEDs

- **LEDs 48**: 24 (6 x RGBA) LEDs, 192 total LEDs
- **LEDs 72**: 12 LED engines, 24 (6 x RGBA) LEDs, 288 total LEDs

<table>
<thead>
<tr>
<th>Control Modes 48 / 72</th>
<th>31 / 43 channels Fx HSI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24 / 36 channels HSI</td>
</tr>
<tr>
<td></td>
<td>24 / 36 channels RGB (*Magic Amber)</td>
</tr>
<tr>
<td></td>
<td>32 / 48 channels RGBA</td>
</tr>
<tr>
<td></td>
<td>33 / 49 channels RGBI (*Magic Amber)</td>
</tr>
<tr>
<td></td>
<td>9 / 9 channels Fx HSI</td>
</tr>
<tr>
<td></td>
<td>3 / 3 channels HSI</td>
</tr>
<tr>
<td></td>
<td>3 / 3 channels RGB</td>
</tr>
<tr>
<td></td>
<td>4 / 4 channels RGBA</td>
</tr>
<tr>
<td></td>
<td>5 / 5 channels sRGBI (*Magic Amber)</td>
</tr>
<tr>
<td></td>
<td>1 / 1 channel DMX Look Select</td>
</tr>
</tbody>
</table>

| Dimming Curve         | Theatrical |

#### Accessories

- **CHCFBL48**: Border lens for 48
- **CHCFCL48**: Cyc lens for 48
- **CHCFHS48**: Half snoot for 48
- **CHCFT48**: Clear lens plate for 48

- **CHCFBL72**: Border lens for 72
- **CHCFCL72**: Cyc lens for 72
- **CHCFHS72**: Half snoot for 72
- **CHCFT72**: Clear lens plate for 72

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

### Variable Effects Engine

- Yes

### Lumen Output 48 / 72

- White: 8,000 / 12,000 hot lumens (prelim.)

### Optics

- Specialised close focus lens

### Beam Angle

- (with optional Cyc lens): 23° (approx.)
- (with optional Border lens): 80 x 30° (approx.)
- 60° (approx.)

### Beam Distribution

- Asymmetrical direct illumination

### CCT

- Adjust: 1,000 - 10,000K

### CRI

- 92

### Colour Gamut

- Performance enhanced

### Lamp Life

- L70 at 50,000 hours

### Control Protocol

- ANSI E1.11 USITT DMX 512-A

### Cooling System

- Forced - 2x fans

### Construction

- Anodised aluminium extrusion

### Built-In Hardware

- Quick release lever for tilt adjustment

### IP Rating

- IP20

### Approvals


### Variable Effects Engine

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