Improved Brightness,
Same Innovative Design

The Chroma-Q™ Color Block 2 Plus™ is a higher output version of the original Color Block 2™ multi-purpose LED fixture that retains the same versatile modular ‘building block’ design, single colour RGBA optics, high light output and theatrical grade dimming to create an exceptional all-round feature set.

Color Block 2 Emulation Mode
For maximum convenience, it also features a Color Block 2 emulation mode, to simulate the lumen output of the original LED engine when used alongside other Color Block 2 fixtures.

Extensive Colour Palette
With its extensive colour palette and high CRI of 90, the Color Block 2 Plus fixture is a master at creating vibrant bold colours and subtle theatrical hues. Combined with its built-in variable colour temperature capability, even flesh tones look natural, satisfying all but the most critical eye.

Single Colour Output
The four large, camera-friendly LED cells offer performers less glare and mix beautifully for single colour output, virtually eliminating the frustrating colour separation shadows normally synonymous with LED lighting. The beam optics have a soft asymmetrical quality carefully crafted to give an immediate perfect colour blend for uplighting surfaces, yet retain a soft Fresnel-like edge for direct illumination. The Color Block 2 Plus fixture is bright enough to uplight a 6m / 20 foot set and then some.

Theatrical Grade Dimming
In addition, the fixture provides a smooth, theatrical grade dimming experience, whilst retaining the instant strobe-like control of intensity normally associated with LED technology.

Key Features
- Color Block 2 emulation mode
- Compatible with all Color Block 2 PSUs and accessories
- CRI of 90 – for tungsten emulation
- Extensive colour range - create subtle theatrical hues
- Single colour diffused optics - virtually eliminate multicoloured shadows & offer camera friendly output
- Exceptional colour brightness & light output levels
- Modular construction with range of fixing accessories - easily configured as a wide variety of shapes
## Color Block 2 Plus Technical Specification

<table>
<thead>
<tr>
<th>Product Code</th>
<th>CHCB4M2P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>250mm x 62mm x 119mm / 9.8” x 2.4” x 4.7”</td>
</tr>
<tr>
<td>Weight</td>
<td>1.3kg / 2.8lbs</td>
</tr>
<tr>
<td>Shipping Dimensions</td>
<td>305mm x 127mm x 171mm / 12.5” x 5” x 6.75”</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>1.4kg / 3.1lbs</td>
</tr>
<tr>
<td>Power Input Rating</td>
<td>48V DC</td>
</tr>
<tr>
<td>Power Factor</td>
<td>0.978</td>
</tr>
<tr>
<td>Typical Power &amp; Current</td>
<td>Measurements done with all LEDs at max.intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.</td>
</tr>
<tr>
<td>Power Connector In/Out</td>
<td>XLR4 in/out</td>
</tr>
</tbody>
</table>

### Max Cable Run
- 60m / 200’

### Power Supply
- External - see PSUs below

### Cooling System
- Forced Air - 1 fan

### Construction
- Anodised aluminium extrusion

### Colour
- Black

### Built-In Hardware
- Interlocking system & quick release catches for connecting as battens, 2x M10 nuts for additional fixings

### IP Rating
- IP20

### Approvals

## Control & Photometric

### LEDs
- 4 LED engines: 12 (3 x RGBA): 48 total LEDs

### Control Modes
- FxHSI, HSI, RGB (*Magic Amber), RGBA, RGBi (*Magic Amber), Look Select. (For full control modes, see spec.)

### Dimming Curve
- Theatrical

### Variable Effects Engine
- Yes

### Effects Parameters
- Grouping, colour speed, fan, range, step, intensity effects, intensity fan

### Hot Lumen Output
- 600

### Optics
- Specialised close focus lens

### Beam Angle
- 25° (approx.)

### Beam Distribution
- Asymmetrical direct illumination

### CCT
- Adjustable 1,000 - 10,000K

### Colour Gamut
- Performance enhanced

### CRI
- 90

### Lamp Life
- L70 at 50,000 hours

## Color Block 5-Way Power Supply (to suit up to 5 Color Block 2)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>CHCBPSU05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dims.</td>
<td>219mm x 88mm x 270mm / 8.6” x 3.5” x 11”</td>
</tr>
<tr>
<td>Weight</td>
<td>3.9kg / 8.6lbs</td>
</tr>
<tr>
<td>Power</td>
<td>100-240VAC 50/60Hz, 480W, IEC chassis male</td>
</tr>
</tbody>
</table>

### Control
- ANSI E1.1 DMX-512A, XLR5 in & through

### IP Rating
- IP20

### Approvals
- UL 609501, CAN/CSA-C22.2 NO.609501-03, UL 1573, CAN/CSAC22.2 NO.166-M1983

## Color Block 30-Way Power Supply (to suit up to 30 Color Block 2)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>CHCBPSU30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dims.</td>
<td>483mm x 368mm x 89mm (2U) / 19” x 14.5” x 3.5”</td>
</tr>
<tr>
<td>Weight</td>
<td>11.1kg / 24.5lbs</td>
</tr>
<tr>
<td>Power</td>
<td>100-240VAC 50/60Hz, trailing lead</td>
</tr>
</tbody>
</table>

### Control
- ANSI E1.1 DMX-512A, XLR5 in & through

### IP Rating
- IP20

### Approvals
- UL 609501, CAN/CSA-C22.2 NO.609501-03, UL 1573, CAN/CSAC22.2 NO.166-M1983

## Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHCBSY</td>
<td>Yoke attachment</td>
</tr>
<tr>
<td>CHCBOY</td>
<td>Yoke / floor kit for single unit</td>
</tr>
<tr>
<td>CHCBBB</td>
<td>Batten bracket kit for up to 5 units</td>
</tr>
<tr>
<td>CHCBBF4</td>
<td>Blinder frame for 4 units</td>
</tr>
<tr>
<td>CHCBLP250</td>
<td>250mm / 9.8” LED pipe (single unit)</td>
</tr>
<tr>
<td>CHCBLP1300</td>
<td>1.3m / 51.2” LED pipe (5-way batten)</td>
</tr>
<tr>
<td>CHCBWB</td>
<td>Wall bracket for single unit</td>
</tr>
<tr>
<td>MUCX4SDP-0.22</td>
<td>Single link cable for use in battens</td>
</tr>
</tbody>
</table>

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

For the latest news and information on the Chroma-Q range, visit www.chroma-q.com