**DESCRIPTION**

The fixture shall provide a very powerful 2,400 hot lumens output for washing areas up to 8m / 26ft high.

The fixture shall be suitable for a wide range of entertainment lighting disciplines, including uplighting, pipe-end, shin-busting, backlighting and wash applications.

The fixture shall be suitable for floor, wall or truss mounting.

The fixture shall provide RGBA colour mixing.

The fixture shall provide a high CRI of 92.

The fixture shall provide a smooth, linear dimming curve.

The fixture shall offer a choice of HSI, Fx HSI, RGB (**Magic Amber™), RGBA, RGBI (Magic Amber), St RGBI (Magic Amber) and St RGBA control modes.

The fixture shall feature a built-in stand-alone mode with real-time triggering.

The fixture shall feature a built-in power supply.

The fixture shall be manufactured from extruded material.

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

*Measurements may have been rounded, please see specification sheet for full measurements.

**FEATURES**

- Suitable for a wide range of entertainment lighting disciplines.
- Floor, wall or truss mountable.
- 2,400 hot lumens output easily washes 8m / 26 foot.
- Extremely smooth, uniform wash.
- RGBA colour mixing.
- Radically increased colour palette.
- High CRI of 92.
- Theatrical grade dimming.
- Rugged extruded aluminium body.
- Built-in power supply.
- Hidden fixing and cable management for seamless wall washing and fast deployment.
- Perfect for theatre, TV, concert touring, exhibitions and corporate events.
- Optional ‘Cyc’ and ‘Border’ lens media accessories available.
- Optional Barn Door, Top Hat and Half Top Hat accessories available.

**ORDERING INFORMATION**

CHCF12NFRGBA: Chroma-Q Color Force 12 RGBA body finished in black

**ACCESSORIES**

CHCFBL12: Chroma-Q Border lens for Color Force 12
CHCFCL12: Chroma-Q Cyc lens for Color Force 12
CHCFECL12: Chroma-Q Egg Crate Louver for Color Force 12
CHCFHTH12: Chroma-Q Half Top Hat for Color Force 12
CHCFBD12: Chroma-Q Barn Door for Color Force 12
CHCFTH12: Chroma-Q Top Hat for Color Force 12

**OVERALL SPECIFICATIONS**

Net dimensions: Width: 335mm / 13.2”
Heights: 190mm / 7.5”
Depth: 218mm / 8.6”

**Net weight:** 4kg / 9lb

**Shipping dimensions:**
Width: 432mm / 17”
Height: 343mm / 13.5”
Depth: 279mm / 11”

**Shipping weight:** 8kg / 13lb

**Power supply:**
Built-in

**Power input rating:**
100-240V AC, 50-60 Hz, 160VA

**Power factor:**
0.997

**Power consumption:**
120W

**Typical power & current:**
Measurements done with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

**Power connectors in/out:**
PowerCon

**Data connectors in/out:**
XLR 5-pin

**Max cable run:**
NA

**Control protocol:**
ANSI E1.11 USITT DMX 512-A

**Cooling system:**
Forced - 1 fan

**Operating temperature:**
0°C to 40°C

**Construction:**
Anodised aluminium extrusion

**Colour:**
Black

**LED engines:**
2

**LEDs per engine:**
24 (6 x RGBA)

**Total LEDs:**
48

**Control modes:**
7 channels Fx HSI
6 channels HSI Duo
6 channels RGB (Magic Amber) Duo
8 channels RGBA Duo
9 channels St RGBI (Magic Amber) Duo
5 channels St RGBA
3 channels St HSI
3 channels RGB (Magic Amber)
4 channels RGBA
4 channels RGBI (Magic Amber)
1 channel Look Select

**Dimming curve:**
Theatrical

**Variable effects engine:**
Yes

**Effects parameters:**
Colour speed, colour range, colour step, and intensity effects

**Hot lumen output:**
White 2,400 lumen

**CRI:**
92

**Optics:**
Specialised close focus lens
23° (approx.)
80 x 30° (approx.)
60° (approx.)

**Beam angle:**
Asymmetrical direct illumination
Adjustable 1,000 – 10,000K

**CCT:**
Performance enhanced

**Lamp Gamut:**
L70 up to 50,000 hours

**IP rating:**
IP20

**Built-in hardware:**
Quick release lever for tilt adjustment

**Approvals:**
PHOTOMETRICS

<table>
<thead>
<tr>
<th>Throw Distance</th>
<th>Beam Spread</th>
<th>Field Spread</th>
<th>Full On</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>FT</td>
<td>M</td>
<td>FT</td>
</tr>
<tr>
<td>1</td>
<td>3.28</td>
<td>0.3</td>
<td>0.98</td>
</tr>
<tr>
<td>2</td>
<td>6.96</td>
<td>0.7</td>
<td>2.30</td>
</tr>
<tr>
<td>3</td>
<td>9.84</td>
<td>1.0</td>
<td>3.28</td>
</tr>
<tr>
<td>4</td>
<td>13.12</td>
<td>1.3</td>
<td>4.27</td>
</tr>
<tr>
<td>5</td>
<td>16.40</td>
<td>1.7</td>
<td>5.58</td>
</tr>
<tr>
<td>6</td>
<td>19.69</td>
<td>2.0</td>
<td>6.56</td>
</tr>
</tbody>
</table>

*measured at centre of beam

DIMENSIONS

Chroma-Q and all associated product names are recognised trademarks, for more information visit www.chroma-q.com/trademarks. The rights and ownership of all trademarks are recognised.

Whilst every effort has been made to ensure that the information is correct, Chroma-Q accepts no liability for errors or omissions. Technical specifications and data are provided for guidance only.

Because we constantly aim to improve our products, we reserve the right to amend or alter at any time and without prior notice, the specifications of any product. E&OE.