**DESCRIPTION**

The fixture shall provide a very powerful hot lumens output of up to 1,230 lumens, for washing large areas.

The fixture will be suitable for Theatrical, Film and TV and many other applications.

The fixture will include Red, Green, Blue and Amber LEDs.

The fixture shall provide a CRI of 93.

The fixture shall provide a smooth, linear dimming curve.

The fixture shall feature a built-in stand alone mode.

The fixture shall feature a built-in power supply.

The fixture shall be manufactured from extruded material.

The fixture shall provide fully homogenised, colour-mixed output as well as warm and cool white.

**FEATURES**

- Fully homogenised beam
- RGBA colour-mixing palette
- Extremely uniform wash
- Defined 18° beam
- Bold saturates and subtle pastels from ONE source
- High CRI of 93
- Floor, truss or wall mountable
- Convection cooled for near-silent running
- Theatrical grade dimming
- Choice of IP20 and IP65* versions

*As per IEC60529 ingress protection rating code.

**ORDERING INFORMATION**

CHCONE100RGBA: Chroma-Q Color One 100 RGBA, IP20, PowerCon and XLR-Spin In/Out

**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>1</td>
<td>3.28</td>
<td>0.3</td>
<td>0.98</td>
</tr>
<tr>
<td>2</td>
<td>1.56</td>
<td>0.7</td>
<td>2.30</td>
</tr>
<tr>
<td>3</td>
<td>0.84</td>
<td>1.0</td>
<td>3.20</td>
</tr>
<tr>
<td>4</td>
<td>13.12</td>
<td>1.4</td>
<td>4.69</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>2.1</td>
<td>6.89</td>
</tr>
</tbody>
</table>

*measured at centre of beam

**OVERALL SPECIFICATIONS**

Net dimensions (Full Open Yoke):
- Width: 214mm / 8.5"
- Height: 267mm / 10.5"
- Depth: 232mm / 9"

Net weight: 3.8kg / 8.5lb

Shipping dimensions:
- Width: 406mm / 16"
- Height: 228mm / 9"
- Depth: 292mm / 11.5"

Shipping Weight: 5.5kg / 12lb

Power Supply: Built-in

Power Input Rating: 100-240V AC 50-60Hz 125VA

Power Factor: 0.5

Power Consumption: 52W (Maximum); 5.5W (Stand-by)

Inrush Current: 22A @ 120V AC; 39A @ 230V AC

Typical Power & Current: Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

Power Connector In/Out: powerCON

Data Connectors In/Out: XLR 5-pin

Control Protocol: ANSI E1.11 USITT DMX 512-A

Cooling System: Convection

Operating Temperature: 0°C to 40°C

Construction: Cast machined aluminium

Colour: Black (custom colours available on request)

Built-In Hardware: Split Yoke, 6.25" Accessory Holder

Included Accessories: Wireless IR Remote, Colour Frame

IP Rating: IP20


LED Engines: 1

LEDs Per Engine: 7 x RGBA

Total LEDs: 28

Control Modes: 4 channels RGBA, 5 channels RGBAI, 3 channels HSI, 3 channels RGB, 3 channels MLED RGB, Master, Slave

Dimming Curve: Theatrical

Variable Effects Engine: Yes (via Wireless IR Remote)

Effects Parameters: Full Color Scroll, Warm Color Scroll, Cold Color Scroll and Fade In/Fade Out

Hot Lumen Output (Combined): 1,230

Optics: Fully homogenised

Beam Angle: 18°

Beam Distribution: Symmetrical direct illumination

CCT: Adjustable 1,000 – 10,000K

Colour Gamut: Performance enhanced

CRI: 93

Lamp Life: L70 at 50,000 hours