DESCRIPTION
The fixture shall provide a powerful hot lumens output of up to 2,100 lumens (Combined).
The fixture shall be suitable for Theatrical, Film, TV and many other applications.
The fixture shall provide a variable white output (3,000K-6,100K).
The fixture shall provide a CRI of 86.
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 output beam.

FEATURES
• Extreme variable white output (3,000K to 6,100K)
• Defined 18° beam
• Extremely uniform wash
• Fully homogenised beam
• Superior build quality
• High CRI of 86
• Camera friendly - Flicker free operation
• Floor, truss or wall mountable
• Convection cooled for near silent running
• Theatrical grade dimming

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: 58W @ 120/230V AC
Inrush Current: 15A @ 120V AC, 36A @ 230V AC
Idle Power Consumption: 3.5W @ 120V AC, 5.6W @ 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: Warm White, Cold White
Control Modes: 2 channels CTI, 2 channels WW CW, Master, Slave
Dimming Curve: Theatrical
Wireless Control: On / Off, Fade In, Fade Out
Hot Lumen Output (Combined): 2,100
Optics: Fully Homogenised
Beam Angle: 18°
Beam Distribution: Symmetrical direct illumination
CCT: 3,000K - 6,100K
CRI: 86
Lamp Life: L70 at 50,000 hours

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></td>
<td>M</td>
<td>FT</td>
<td>M</td>
</tr>
<tr>
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<td>0.3</td>
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<td>6</td>
<td>19.69</td>
<td>1.9</td>
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</tbody>
</table>

* measured at centre of beam

ORDERING INFORMATION
CHSONE100V: Chroma-Q Studio One 100 Variable White, IP20, PowerCon and XLR-5pin In/Out