



**Chroma-Q®**  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1.0**  
**Chroma-Q® Studio Force T 12 Phosphor™**  
**Extreme Output Tungsten Phosphor LED Fixture**  
**Part No: CHSFTP12**

**DESCRIPTION**

The fixture shall provide a very powerful 8,120 lumens output for washing large areas.  
The fixture shall be suitable for creating a wide range of lighting applications, including key-lighting, uplighting, backlighting and wash applications.  
The fixture shall be suitable for floor, wall or truss mounting.  
The Fixture shall provide a CRI of 80  
The fixture shall provide 3200K CCT daylight white light output.  
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.

**FEATURES**

3,200K CCT variable white  
Extreme output - up to 8,210 lumens  
Extremely smooth, uniform wash  
Theatrical grade dimming  
Specifically developed for use in film, TV and broadcast environments  
300mm / 1ft length ideal for floor, wall or truss mounting  
Camera friendly  
Extra soft beam  
Controllable green balance  
Controllable frequency  
Laboratory calibrated to match Planckian Locus / Black Body Locus  
Very wide output  
Equal to or better output than fluorescent  
Intuitive new colour touch interface  
Alternative to fluorescent  
PowerCon input and output for easy daisy chaining of fixtures  
Flat end plates for seamless wall-washing  
Standalone mode  
1 slot for accessories  
Toolless yoke adjustment  
Fanless, studio and full control modes  
Broad range of accessories available including Egg crate and barn doors

**ORDERING INFORMATION**

CHSFTP12: Chroma-Q Studio Force T 12 Phosphor:

**ACCESSORIES**

CHCFSA12: Chroma-Q Spigot Adaptor For Force 12  
CHCFECL12: Chroma-Q Egg Crate Louver For Force 12  
CHCFTH12: Chroma-Q Top Hat For Force 12  
CHCFHTH12: Chroma-Q Half Top Hat For Force 12  
CHCFBD12: Chroma-Q Barn Door For Force 12  
CHCFDBX: Chroma-Q Diffuser Box For Force 12  
CHCFLBA12 Lightbank Adaptor (Speedring) For Force 12  
CHCFLB12 Lightbank For Force 12  
CHCFLBK-K Lightbank Kit+ For Force 12 (consists of Lightbank Adaptor (Speedring) & Lightbank

**OVERALL SPECIFICATIONS**

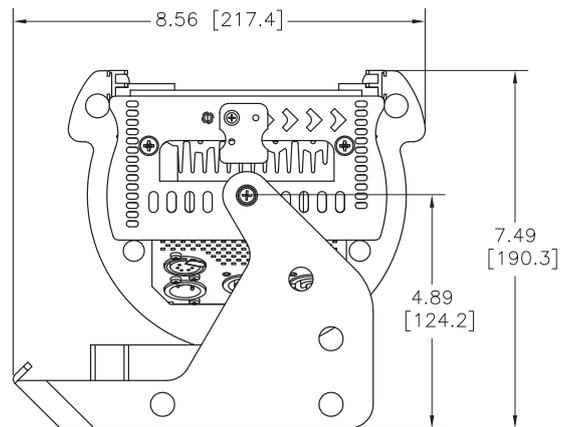
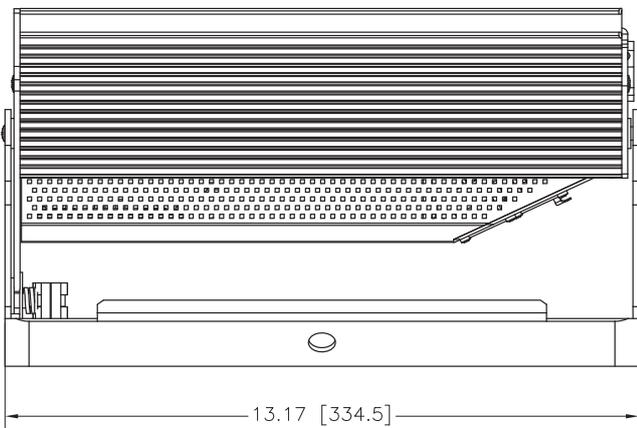
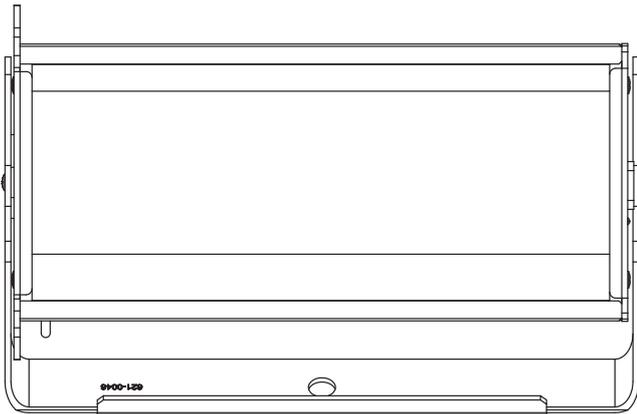
Net dimensions (without fixings): Width: 335mm / 13.2"  
Height: 190mm / 7.5"  
Depth: 218mm / 8.6"  
Net weight: 4 kgs / 9 lbs  
Shipping dimensions: Width: 432mm / 17"  
Height: 343mm / 13.5"  
Depth: 279mm / 11"  
Shipping Weight: 6kgs / 13lbs  
Power Supply: Built-in  
Power Input Rating: 100-240V AC, 50-60 Hz, 160VA  
Power Factor: 0.998  
Power Consumption: 150W  
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: Forced - 1 fan  
Operating Temperature: 0°C to 40°C  
Construction: Anodised aluminium extrusion  
Colour: Black  
Built-In Hardware: Quick release lever for tilt adjustment  
IP Rating: IP20  
Approvals: CISPR 22/EN55022 & CISPR 24/EN55024, CES-003 & FCC Part 15 Subpart B, CSA C22. No.166-M1983:R2008 UL 1573:2010; UL 8750:2009  
LED Engines: 2  
LEDs Per Engine: 24 Blue LEDs  
Total LEDs: 48  
Control Modes (PSU15): 1 channel Level, 1 channel Look Sel, Manual/Mstr, Slave, Look Store  
Dimming Curve: Theatrical  
Hot Lumen Output: 8,120  
Optics: Remote phosphor panel  
Beam Angle: Softlight  
Beam Distribution: Symmetrical direct illumination  
CCT: 3,200K (+/- 200K)  
Colour Gamut: Performance enhanced  
CRI: 80  
Lamp Life: L70 at 50,000 hours

\*Preliminary values.



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