



**Chroma-Q**<sup>®</sup>  
BRILLIANT SOLUTIONS

**Specification Sheet - Version: 1.0**  
**Chroma-Q<sup>®</sup> Studio Force T 12 Phosphor<sup>™</sup>**  
**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



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