**DESCRIPTION**

The fixture shall provide 6,100K CCT daylight white light output.
The fixture shall feature a compact design.
The fixture shall provide a very powerful 2,800 hot lumens output for washing large areas.
The fixture shall be IP65 rated.
The fixture shall be suitable for a wide range of entertainment lighting disciplines, including uplighting, pipe-end, shin busting, backlighting, truss toner and other wash applications.
The fixture shall be suitable for floor, wall or truss mounting.
The fixture shall provide a smooth, linear dimming curve.
The fixture shall feature an external power supply - Force Compact PSU15.
The fixture shall allow daisy-chaining of up to five units on a single PSU15 output.
The fixture shall be compatible with selected City Theatrical accessories.
The fixture shall provide a CRI of 70.
The fixture shall feature a built-in stand-alone mode with real-time triggering.
The fixture shall be manufactured from extruded material.

**FEATURES**

- 6,100K CCT daylight white
- Compact yet powerful – 2,800 lumens from a very small footprint
- IP65 rated*
- Multi-purpose workhorse fixture - suitable for a wide range of applications
- Extremely smooth, uniform wash
- Theatrical grade dimming
- Ideal for TV, film, touring, exhibitions, corporate events and theatre
- Camera-friendly
- Custom optics - ensure a smooth even beam
- Accepts City Theatrical accessories - use with your existing accessories inventory

**ORDERING INFORMATION**

CHSFCD: Chroma-Q Studio Force D Compact LED Fixture
CHCFPSU15: Chroma-Q Force Compact 15-Way Power Supply (to suit up to 15 fixtures).

**ACCESSORIES**

CHCFTH: ***Top Hat For Compact - Black
CHCFCHTH: ***Half Top Hat For Compact - Black
CHCFCECL: ***Egg Crate Louver For Compact - Black
CHCFBD: ***Barn Door For Compact - Black
CHCFCL: Clear Glass For Compact (Comes with fixture)
CHCFCLFL: Frosted Glass For Compact (Comes with fixture)
CHCFCAH: Color Force Accessory Holder (Comes with fixture)
CHCFDMXOP: W-DMX Wireless Option For PSU-15

***City Theatrical accessories.

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**OVERALL SPECIFICATIONS**

- **Net dimensions (without fixings):**
  - Width: 212mm / 8.4"
  - Height: 196mm / 7.7"
  - Depth: 152mm / 6"

- **Net weight:**
  - 4 kgs / 8.5 lbs

- **Shipping dimensions:**
  - Width: 267mm / 10.5"
  - Height: 254mm / 10"
  - Depth: 241mm / 9.5"

- **Shipping Weight:**
  - 5.4kgs / 12 lbs

- **Power & Connections:**
  - Daisy-chained power & data connections

- **Power Supply:**
  - External - PSU15

- **Power Input Rating:**
  - 48V DC

- **Power Consumption:**
  - 60W

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

- **Power Connector In/Out:**
  - XLR 4-pin

- **Data Connectors In/Out:**
  - XLR 4-pin

- **Max Cable Run:**
  - ~60m / 200ft (PSU to last unit)

- **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

- **Built-In Hardware:**
  - Yoke assembly

- **IP Rating:**
  - *IP65

- **Approvals:**

- **LED Engines:**
  - 1

- **LEDs Per Engine:**
  - 28 Cold White

- **Total LEDs:**
  - 28

- **Control Modes (PSU15):**
  - 60 channels Dim4x, 15 channels Dim1x, 1 channel Dim1x, 2 channels FxDim, 1 channel Look Select, Master Standalone, Slave Standalone

- **Dimming Curve:**
  - Theatrical

- **Variable Effects Engine:**
  - Yes

- **Effects Parameters:**
  - Intensity effects

- **Hot Lumen Output (Combined):**
  - 2,800 hot lumens @ 6,200K

- **Optics:**
  - Specialised close focus lens

- **Beam Angle:**
  - 14° (approx.)

- **Beam Angle With (Optional Frosted Optic):**
  - 21° (approx.)

- **Beam Distribution:**
  - Asymmetrical direct illumination

- **CCT:**
  - 6,200K (+/- 200K)

- **Colour Gamut:**
  - Performance enhanced

- **CRI:**
  - ~75 @ 6,200K

- **Lamp Life:**
  - L70 at 50,000 hours
Chroma-Q™ Studio Force D Compact™
Daylight White LED Fixture
Part No: CHSFCD

Specification Sheet - Version: 1.1

Studio Force D Compact

Force Compact 15-Way Power Supply

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