Approvals & Disclaimer

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer’s tests to ensure that Chroma-Q products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Chroma-Q sole warranty is that the product will meet the Chroma-Q sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Chroma-Q reserves the right to change or make alteration to devices and their functionality without notice due to on-going research and development.

The Chroma-Q Studio Force Phosphor range has been designed specifically for the lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.

If you experience any difficulties with any Chroma-Q products please contact your selling dealer. If your selling dealer is unable to help please contact support@chroma-q.com. If the selling dealer is unable to satisfy your servicing needs, please contact the following for full factory service:

Outside North America:  
Tel: +44 (0)1494 446000  
Fax: +44 (0)1494 461024  
support@chroma-q.com

North America:  
Tel: +1 416-255-9494  
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For further information please visit the Chroma-Q website at www.chroma-q.com.

Chroma-Q and Studio Force are trademarks, for more information on this visit www.chroma-q.com/trademarks.

The rights and ownership of all trademarks are recognised.
1. Overview

The new Chroma-Q® Studio Force D Phosphor™ is a 5,600K CCT, daylight white fixture which utilises innovative LED technologies found in the Studio Force™ range to provide an equivalent soft edge output to a fluorescent fixture - up to 8,210 lumens - developed specifically for use in TV, film and broadcast studio environments. The fixture features two light engines with 24 Blue LEDs each for a total of 48 high powered Blue LEDs. The fixture is equipped with a built-in power supply unit which can operate as a standalone unit or controlled remotely through the ANSI E1.11 USITT DMX 512-A protocol.

2. Safety

Caution 1. This product is for professional use only. It is NOT intended for domestic or outdoor use.

Caution 2. The bright flash of light during power-up & continuous strobe may cause epileptic seizure.

Caution 3. This product must be used with safety cable.

3. Cabling

PowerCon connectors are used for power input and through. XLR 5-pin connectors are used for data signal from an external DMX control console. The chassis are ground bonded.

Note: The maximum number of Studio Force D Phosphor fixtures running off a single power input cable is 10 at 120V AC or 20 at 240V AC. Please refer to ANSI & AWG standards for the maximum data & power cable lengths.

4. Mounting

An adjustable mounting bracket is installed with the fixture for floor, wall and truss mounting applications. Use the quick release fixing for easy tilt adjustment. Secure the fixture with a safety band through the fixing hold that is built into the end plate.

5. Optical Accessories

Slide-in optical accessories are available to adjust the beam angle to suit a wide range of applications. Two accessory slots and a swivel plate are included at the front and side of the fixture to hold and lock these slide-in accessories: cyc and border light lens, lightbank kit+, egg crate louver, top hat, half top hat, barn door, and softbox attachment accessories.

*The Lightbank kit consists of the Lightbank Adaptor (Speedring) & Lightbank. Both items can also be purchased separately. Fixture not included.

6. Control

The control functions of the Studio Force D Phosphor are accessed through the Touch Screen LCD display at the rear of the fixture. The features of the Touch Screen LCD Display are:

<table>
<thead>
<tr>
<th>Screen menu title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control information</td>
<td>DMX address, footprint channels, mode name, values and indicators that are displayed on the screen after command buttons are tapped.</td>
</tr>
<tr>
<td>Command buttons</td>
<td>Buttons which can be tapped to access control functions and options.</td>
</tr>
<tr>
<td>DMX Line is busy</td>
<td>The warning screen appears when a DMX signal from an external control console is plugged into the fixture set on Manual. Press &amp; hold the Level button to change mode.</td>
</tr>
<tr>
<td>Locked</td>
<td>Default sets the screen to switch off &amp; lock if untouched for 30 sec. Tap the screen to activate then press &amp; hold the lock symbol for 5 sec.</td>
</tr>
</tbody>
</table>

7. Further Information

Please refer to the Chroma-Q Studio Force D Phosphor manual for more detailed information. A copy of the manual can be found at the Chroma-Q website – www.chroma-q.com – under Support.