

## DMX Profile Tables

### *Lustr+ and Series 2: Lustr, Daylight HD, Tungsten HD, and Studio HD*

| DMX Profile | DMX Channels          | Channel Assignments   | Notes   |
|-------------|-----------------------|---|---|
| Direct      | 10                    | See <a href="#">Channel Assignments in Direct Mode</a> on <a href="#">page 33</a> | Direct control of each individual color with a separate master intensity channel. Color calibration of LEDs is not active in this mode. The ten-channel profile will produce the highest quality color crossfades.                        |
| RGB         | 6<br>(Ch. 4 not used) | 1 - Red   | Effectively addresses all seven colors via three channels of control. RGB profile will produce medium quality color crossfades.   |
|             |                       | 2 - Green   |   |
|             |                       | 3 - Blue  |   |
|             |                       | 4 - n/a   |   |
|             |                       | 5 - Strobe  |   |
|             |                       | 6 - Fan Control   |   |
| HSI         | 6                     | 1 - Hue (coarse)  | High resolution hue (two channels), saturation, and intensity control. HSI mode will produce color crossfades around the color space.   |
|             |                       | 2 - Hue (fine)  |   |
|             |                       | 3 - Saturation  |   |
|             |                       | 4 - Intensity   |   |
|             |                       | 5 - Strobe  |   |
|             |                       | 6 - Fan Control   |   |
| HSIC        | 7                     | 1 - Hue (coarse)  | High-resolution hue, saturation, and intensity control as above, with the addition of a color point channel to adjust the color temperature of the fixture in both white light and color. Color crossfade performance is the same as HSI. |
|             |                       | 2 - Hue (fine)  |   |
|             |                       | 3 - Saturation  |   |
|             |                       | 4 - Intensity   |   |
|             |                       | 5 - Strobe  |   |
|             |                       | 6 - Fan Control   |   |
|             |                       | 7 - Color Point (CCT)   |   |
| Studio      | 6<br>(Ch. 4 not used) | 1 - Intensity   | Controls fixture as a white light unit. If no DMX is present, (i.e., console input), a fixture can be adjusted for these three parameters on the user interface at the back of the unit.  |
|             |                       | 2 - Color Point (CCT)   |   |
|             |                       | 3 - Tint  |   |
|             |                       | 4 - n/a   |   |
|             |                       | 5 - Strobe  |   |
|             |                       | 6 - Fan Control   |   |

| DMX Profile | DMX Channels          | Channel Assignments   | Notes   |
|-------------|-----------------------|---|---|
| Plus Seven  | 7 additional channels | See <a href="#">Plus Seven Profile Options</a> on <a href="#">page 33</a> | <p>Adds seven additional color control channels in RGB, HSI, and HSIC input profile settings. For example, HSI with 'Plus Seven' enabled becomes a 15-channel profile.</p> <p>The desired color and intensity are achieved by using the HSI or RGB channels</p> <p>Placing the Plus Seven channel at a value over 51% gives the fixture additional channels in its profile.</p> <p>Channels 9–15 represent the native colors of the fixture and allow the operator to adjust individual color channels to fine tune the color output.</p> |
| Strobe      | 1 additional channel  |   | Variable strobe control: 0% is no strobe. The fixture output will strobe more rapidly as the strobe channel value approaches 100%.  |

### ***Tungsten and Daylight***

| DMX Profile | DMX Channels | Channel Assignments | Notes  |
|-------------|--------------|---------------------|--|
| Studio      | 3            | 1 - Intensity       | Control of parameters is also enabled from the luminaire's user interface. No console is required. |
|             |              | 2 - Strobe          |  |
|             |              | 3 - Fan Control     |  |
| Direct      | 3            | 1 - Intensity       |  |
|             |              | 2 - Strobe          |  |
|             |              | 3 - Fan Control     |  |

## Channel Assignments in Direct Mode

| Channel Number | Series 1 Studio HD | Series 1 Lustr+ | Series 2 Lustr | Series 2 Daylight HD | Series 2 Tungsten HD |
|----------------|--------------------|-----------------|----------------|----------------------|----------------------|
| 1              | Red                | Red             | Red            | Red                  | Red                  |
| 2              | Red Orange         | White           | Lime           | (not used)           | Red Orange           |
| 3              | Mint               | Amber           | Amber          | Mint                 | Mint                 |
| 4              | Blue               | Green           | Green          | Blue                 | Blue                 |
| 5              | Indigo             | Cyan            | Cyan           | Indigo               | Indigo               |
| 6              | n/a                | Blue            | Blue           | (not used)           | (not used)           |
| 7              | n/a                | Indigo          | Indigo         | (not used)           | (not used)           |
| 8              | Intensity          | Intensity       | Intensity      | Intensity            | Intensity            |
| 9              | Strobe             | Strobe          | Strobe         | Strobe               | Strobe               |
| 10             | Fan Control        | Fan Control     | Fan Control    | Fan Control          | Fan Control          |

## Plus Seven Profile Options

| Channel Number | Series 1 Studio HD        | Series 1 Lustr+           | Series 2 Lustr            | Series 2 Daylight HD      | Series 2 Tungsten HD      |
|----------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 1              | Hue (coarse)              | Hue (coarse)              | Hue (coarse)              | Intensity                 | Intensity                 |
| 2              | Hue (fine)                | Hue (fine)                | Hue (fine)                | White Point               | White Point               |
| 3              | Saturation                | Saturation                | Saturation                | Tint                      | Tint                      |
| 4              | Intensity                 | Intensity                 | Intensity                 | (not used)                | (not used)                |
| 5              | Strobe                    | Strobe                    | Strobe                    | Strobe                    | Strobe                    |
| 6              | Fan Control               | Fan Control               | Fan Control               | Fan Control               | Fan Control               |
| 7              | (not used)                | (not used)                | (not used)                | (not used)                | (not used)                |
| 8              | Plus Seven Control on/off | Plus Seven Control on/off | Plus Seven Control on/off | Plus Seven Control on/off | Plus Seven Control on/off |
| 9              | Red                       | Red                       | Red                       | Red                       | Red                       |
| 10             | Red Orange                | White                     | Lime                      | (not used)                | Orange                    |
| 11             | Mint                      | Amber                     | Amber                     | Mint                      | Mint                      |
| 12             | Blue                      | Green                     | Green                     | Blue                      | Blue                      |
| 13             | Indigo                    | Cyan                      | Cyan                      | Indigo                    | Indigo                    |
| 14             | (not used)                | Blue                      | Blue                      | (not used)                | (not used)                |
| 15             | (not used)                | Indigo                    | Indigo                    | (not used)                | (not used)                |

## DMX Footprints and Channel Mapping

### *Daylight and Tungsten*

| Channel | Control      |
|---------|--------------|
| 1       | Intensity    |
| 2       | Strobe*      |
| 3       | Fan control* |

## Lustr+ and Series 2: Lustr, Studio HD, Daylight HD, and Tungsten HD

| Channel | HSI                | HSIC               | RGB                | Studio             | Direct       |
|---------|--------------------|--------------------|--------------------|--------------------|--------------|
| 1       | Hue                | Hue                | Red                | Intensity          | Color 1      |
| 2       | Hue fine           | Hue fine           | Green              | Color temp         | Color 2      |
| 3       | Saturation         | Saturation         | Blue               | Tint               | Color 3      |
| 4       | Intensity          | Intensity          | N/A                | N/A                | Color 4      |
| 5       | Strobe*            | Strobe*            | Strobe*            | Strobe*            | Color 5      |
| 6       | Fan control*       | Fan control*       | Fan control*       | Fan control*       | Color 6      |
| 7       | N/A                | Color temp         | N/A                | N/A                | Color 7      |
| 8       | Plus Seven on/off* | Plus Seven on/off* | Plus Seven on/off* | Plus Seven on/off* | Intensity    |
| 9       | Plus Seven - (1)*  | Plus Seven - (1)*  | Plus Seven - (1)*  | Plus Seven - (1)*  | Strobe*      |
| 10      | Plus Seven - (2)*  | Plus Seven - (2)*  | Plus Seven - (2)*  | Plus Seven - (2)*  | Fan control* |
| 11      | Plus Seven - (3)*  | Plus Seven - (3)*  | Plus Seven - (3)*  | Plus Seven - (3)*  | N/A          |
| 12      | Plus Seven - (4)*  | Plus Seven - (4)*  | Plus Seven - (4)*  | Plus Seven - (4)*  | N/A          |
| 13      | Plus Seven - (5)*  | Plus Seven - (5)*  | Plus Seven - (5)*  | Plus Seven - (5)*  | N/A          |
| 14      | Plus Seven - (6)*  | Plus Seven - (6)*  | Plus Seven - (6)*  | Plus Seven - (6)*  | N/A          |
| 15      | Plus Seven - (7)*  | Plus Seven - (7)*  | Plus Seven - (7)*  | Plus Seven - (7)*  | N/A          |

\* When this feature is enabled.

## Install Accessories

### Color Frame Holder

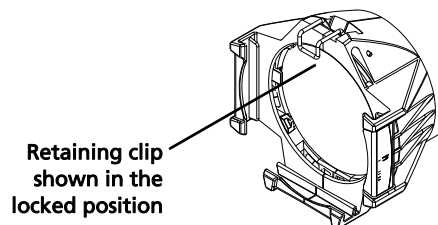


Figure-2.14 Color frame holder and retaining clip

The gel frame holder is equipped with a spring-loaded retaining clip that prevents gel frames and accessories from falling out.



**WARNING:** Make sure all color frames and accessories are locked in position with the retaining clip before hanging the fixture.

- 1: Release the retaining clip by pushing it sideways while gently pulling backwards.
- 2: Insert the color frame or other accessory.
- 3: Lock the retaining clip by pushing sideways while gently pushing forward.

### Smooth Wash Diffuser

To reduce edge effects and provide better overlap when using the fixture for wash, use a smooth wash diffuser. If this diffuser is used, it is recommended to not use the soft focus diffuser in the pattern holder. See [Install a Soft Focus Diffuser](#) on [page 18](#).