

Manufacture Name: Film Gear Int. Ltd

Manufacture ID: 0x4142

Product Name: Aurora RGB 200 Aurora RGB 400 Aurora V2 RGB 220 Aurora V2 RGB 450

Model ID: 0x0202 0x0201 0x0211 0x0212

Version: V1.72 or above

DMX Mode: Mode 1 : 8-bit functional setting of CCT and RGBWW
Mode 2 : 8-bit functional setting of CCT
Mode 3 : 8-bit functional setting of CCT and HSI
Mode 4 : 8-bit functional setting of RGBWW
Mode 5 : 8-bit functional setting of H.S.I.
Mode 6 : 16-bit functional setting of CCT and RGBWW
Mode 7 : 16-bit functional setting of CCT
Mode 8 : 16-bit functional setting of CCT and H.S.I.
Mode 9 : 16-bit functional setting of RGBWW
Mode 10 : 16-bit functional setting of H.S.I.
Mode 11 : Coarse/Fine Tuning of CCT and RGBWW
Mode 12 : Coarse/Fine Tuning of CCT
Mode 13 : Coarse/Fine Tuning of CCT and H.S.I
Mode 14 : Coarse/Fine Tuning of RGBWW
Mode 15 : Coarse/Fine Tuning of H.S.I.
Mode 16 : GEL, 8 bit resolution per function, base channels
Mode 17 : GEL, 16 bit resolution per function, base channels
Mode 18 : x,y Coordinates, 8 bit resolution per function
Mode 19 : x,y Coordinates 16 bit resolution per function
Mode 20 : Effects, 8 bit resolution per function
Mode 21 : Effects, 16 bit resolution per function
Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function
Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 1 : 8-bit functional setting of CCT and RGBWW

| DMX Channel | Value | Percent | Function |
|-------------|----------------------------|-------------------------|---|
| 1 | | | Master Intensity |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 4 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 5 | 0 – 255 | 0 – 100 | Adjust Red Color intensity |
| 6 | 0 – 255 | 0 – 100 | Adjust Green Color intensity |
| 7 | 0 – 255 | 0 – 100 | Adjust Blue Color intensity |
| 8 | 0 – 255 | 0 – 100 | Adjust Warm White Color intensity |
| 9 | 0 – 255 | 0 – 100 | Adjust Cold White Color intensity |
| 10 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 11 ~ 13 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 2 : 8-bit functional setting of CCT

| DMX Channel | Value | Percent | Function |
|-------------|----------------------------|----------|-----------------------------------|
| 1 | | | Master Intensity |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 4 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| 5 ~ 7 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 3 : 8-bit functional setting of CCT and HSI

| DMX Channel | Value | Percent | Function |
|-------------|----------------------------|-------------------------|---|
| 1 | | | Master Intensity |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 4 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 5 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 6 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 7 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 8 ~ 10 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 4 : 8-bit functional setting of RGBWW

| DMX Channel | Value | Percent | Function |
|-------------|------------------|-------------------------|-----------------------------------|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Adjust Red Color intensity |
| 3 | 0 – 255 | 0 – 100 | Adjust Green Color intensity |
| 4 | 0 – 255 | 0 – 100 | Adjust Blue Color intensity |
| 5 | 0 – 255 | 0 – 100 | Adjust Warm White Color intensity |
| 6 | 0 – 255 | 0 – 100 | Adjust Cold White Color intensity |
| 7 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 8 ~ 10 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 5 : 8-bit functional setting of H.S.I.

| DMX Channel | Value | Percent | Function |
|-------------|------------------|-------------------------|-----------------------------------|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 3 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 4 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 5 ~ 7 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 6 : 16-bit functional setting of CCT and RGBWW

| DMX Channel | Value | Percent | Function |
|----------------------------|-------------|---------|---|
| 1 (Hi) | | | Master Intensity |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| | | | |
| 3 (hi) | 0 –65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (lo) | | | |
| | | | |
| Green / Magenta Adjustment | | | |
| 5 (hi) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| | | | |
| 7 (hi) | 0 –65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 8 (lo) | | | |
| | | | |
| 9 (hi) | 0 –65535 | 0 – 100 | Adjust Red Color intensity |
| 10 (lo) | | | |
| | | | |
| 11 (hi) | 0 –65535 | 0 – 100 | Adjust Green Color intensity |
| 12 (lo) | | | |
| | | | |
| 13 (hi) | 0 –65535 | 0 – 100 | Adjust Blue Color intensity |
| 14 (lo) | | | |
| | | | |
| 15 (hi) | 0 –65535 | 0 – 100 | Adjust Warm White Color intensity |
| 16 (lo) | | | |
| | | | |
| 17 (hi) | 0 –65535 | 0 – 100 | Adjust Cold White Color intensity |
| 18 (lo) | | | |
| | | | |

| | | | Fan control |
|-------|-----------|----------|-----------------------------------|
| 19 | 0 - 9 | 0 - 3 | As Fixture Setting |
| | 10 - 49 | 4 - 19 | Quiet Mode |
| | 50 - 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 - 175 | 60 - 68 | Full Speed |
| | 176 - 200 | 69 - 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 - 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 - 97 | Full Speed but Limited Output 40% |
| | 250 - 255 | 98 - 100 | Reserved for future use |
| | | | |
| 20~21 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 7 : 16-bit functional setting of CCT

| DMX Channel | Value | Percent | Function |
|----------------------------|-------------|----------|-----------------------------------|
| 1 (Hi) | | | Master Intensity |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| | | | |
| 3 (hi) | 0 –65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (lo) | | | |
| | | | |
| Green / Magenta Adjustment | | | |
| 5 (hi) 6 (lo) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| | | | |
| Fan control | | | |
| 7 | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| | | | |
| 8~10 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 8 : 16-bit functional setting of CCT and H.S.I.

| DMX Channel | Value | Percent | Function |
|----------------------------|-------------|----------|-----------------------------------|
| 1 (Hi) | | | Master Intensity |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (hi) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (lo) | | | |
| Green / Magenta Adjustment | | | |
| 5 (hi) 6 (lo) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| 7 (hi) | 0 – 65535 | 0 – 100 | Color Change Coefficient |
| 8 (lo) | | | White --> Color |
| 9 (hi) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 10 (lo) | | | |
| 11 (hi) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 12 (lo) | | | |
| Fan control | | | |
| 13 | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| 14~16 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 9 : 16-bit functional setting of RGBWW

| DMX Channel | Value | Percent | Function |
|-------------|-------------|-------------------------|-----------------------------------|
| 1 (Hi) | | | Master Intensity |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (hi) | 0 –65535 | 0 – 100 | Adjust Red Color intensity |
| 4 (lo) | | | |
| 5 (hi) | 0 –65535 | 0 – 100 | Adjust Green Color intensity |
| 6 (lo) | | | |
| 7 (hi) | 0 –65535 | 0 – 100 | Adjust Blue Color intensity |
| 8 (lo) | | | |
| 9 (hi) | 0 –65535 | 0 – 100 | Adjust Warm White Color intensity |
| 10 (lo) | | | |
| 11 (hi) | 0 –65535 | 0 – 100 | Adjust Cold White Color intensity |
| 12 (lo) | | | |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 14~16 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 10 : 16-bit functional setting of H.S.I.

| DMX Channel | Value | Percent | Function |
|-------------|-------------|-------------------------|-----------------------------------|
| 1 (Hi) | | | Master Intensity |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (hi) | 0 –65535 | 0 – 100 | Adjust HUE (0~359) |
| 4 (lo) | | | |
| 5 (hi) | 0 –65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 6 (lo) | | | |
| 7 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 8~10 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 11 : Coarse/Fine Tuning of CCT and RGBWW

| DMX Channel | Value | Percent | Function |
|----------------------------|---------|---------|---|
| Master Intensity | | | |
| 1 | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Fine Tune intensity (10%) |
| Adjust Color Temp. | | | |
| 3 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 0 – 255 | 0 – 100 | Fine Tune Color Temp. |
| Green / Magenta Adjustment | | | |
| 5 | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 6 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| Adjust Red | | | |
| 7 | 0 – 255 | 0 – 100 | Adjust Red (0~100%) |
| 8 | 0 – 255 | 0 – 100 | Fine Tune Red (10%) |
| Adjust Green | | | |
| 9 | 0 – 255 | 0 – 100 | Adjust Green (0~100%) |
| 10 | 0 – 255 | 0 – 100 | Fine Tune Green (10%) |
| Adjust Blue | | | |
| 11 | 0 – 255 | 0 – 100 | Adjust Blue (0~100%) |
| 12 | 0 – 255 | 0 – 100 | Fine Tune Blue (10%) |
| Adjust Warm White | | | |
| 13 | 0 – 255 | 0 – 100 | Adjust Warm White (0~100%) |
| 14 | 0 – 255 | 0 – 100 | Fine Tune Warm White (10%) |
| Adjust Cold White | | | |
| 15 | 0 – 255 | 0 – 100 | Adjust Cold White (0~100%) |
| 16 | 0 – 255 | 0 – 100 | Fine Tune Cold White (10%) |

| | | | |
|---------|-------------|-------------------------|-----------------------------------|
| 17 | Fan control | | |
| | 0 - 9 | 0 - 3 | As Fixture Setting |
| | 10 - 49 | 4 - 19 | Quiet Mode |
| | 50 - 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 - 175 | 60 - 68 | Full Speed |
| | 176 - 200 | 69 - 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 - 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 - 97 | Full Speed but Limited Output 40% |
| | 250 - 255 | 98 - 100 | Reserved for future use |
| 18 ~ 20 | | Reserved for future use | |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 12 : Coarse/Fine Tuning of CCT

| DMX Channel | Value | Percent | Function |
|-------------|----------------------------|----------|-----------------------------------|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Fine Tune intensity (10%) |
| | | | |
| 3 | Adjust Color Temp. | | |
| | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 0 – 255 | 0 – 100 | Fine Tune Color Temp. |
| | | | |
| 5 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| | | | |
| 6 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| | | | |
| 7 ~ 9 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 13 : Coarse/Fine Tuning of CCT and H.S.I

| DMX Channel | Value | Percent | Function |
|-------------|-----------|----------|---|
| 1 | | | Master Intensity |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Fine Tune intensity (10%) |
| | | | |
| 3 | | | Adjust Color Temp. |
| | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 0 – 255 | 0 – 100 | Fine Tune Color Temp. |
| | | | |
| 5 | | | Green / Magenta Adjustment |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| | | | |
| 6 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| | | | |
| 7 | | | Adjust HUE |
| | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 8 | 0 – 255 | 0 – 100 | Fine Tune HUE (10%) |
| | | | |
| 9 | | | Adjust Saturation |
| | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 10 | 0 – 255 | 0 – 100 | Fine Tune Saturation (10%) |
| | | | |
| 11 | | | Fan control |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| | | | |
| 12 ~ 14 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 14 : Coarse/Fine Tuning of RGBWW

| DMX Channel | Value | Percent | Function |
|--------------------------|-----------|----------|-----------------------------------|
| Master Intensity | | | |
| 1 | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Fine Tune intensity (10%) |
| Adjust Red | | | |
| 3 | 0 – 255 | 0 – 100 | Adjust Red (0~100%) |
| 4 | 0 – 255 | 0 – 100 | Fine Tune Red (10%) |
| Adjust Green | | | |
| 5 | 0 – 255 | 0 – 100 | Adjust Green (0~100%) |
| 6 | 0 – 255 | 0 – 100 | Fine Tune Green (10%) |
| Adjust Blue | | | |
| 7 | 0 – 255 | 0 – 100 | Adjust Blue (0~100%) |
| 8 | 0 – 255 | 0 – 100 | Fine Tune Blue (10%) |
| Adjust Warm White | | | |
| 9 | 0 – 255 | 0 – 100 | Adjust Warm White (0~100%) |
| 10 | 0 – 255 | 0 – 100 | Fine Tune Warm White (10%) |
| Adjust Cold White | | | |
| 11 | 0 – 255 | 0 – 100 | Adjust Cold White (0~100%) |
| 12 | 0 – 255 | 0 – 100 | Fine Tune Cold White (10%) |
| Fan control | | | |
| 13 | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| 14 ~ 16 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 15 : Coarse/Fine Tuning of H.S.I.

| DMX Channel | Value | Percent | Function |
|-------------|-------------------|-------------------------|-----------------------------------|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Fine Tune intensity (10%) |
| | | | |
| 3 | Adjust HUE | | |
| | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 4 | 0 – 255 | 0 – 100 | Fine Tune HUE (10%) |
| | | | |
| 5 | Adjust Saturation | | |
| | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 6 | 0 – 255 | 0 – 100 | Fine Tune Saturation (10%) |
| | | | |
| 7 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| | | | |
| 8 ~ 10 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
Aurora V1 400C 0x0201
Aurora V2 220C 0x0211
Aurora V2 450C 0x0212

Mode 16 : GEL, 8 bit resolution per function, base channels

| DMX Channel | Value | Percent | Function |
|-------------|----------------------|----------|----------------------------------|
| 1 | 0 – 255 | 0 – 100 | Master Intensity |
| 2 | Gel 1, CCT Selection | | |
| | 0 – 127 | 0 – 50 | 3.200 K |
| | 128 – 255 | 51 – 100 | 5.600 K |
| 3 | Gel 1: Filter Class | | |
| | 0 – 12 | 0 – 4 | CTB under Color Correction |
| | 13 – 25 | 5 – 9 | CTO under Color Correction |
| | 26 – 38 | 10 – 14 | CTS under Color Correction |
| | 39 – 50 | 15 – 19 | +/- Green under Color Correction |
| | 51 – 61 | 20 – 24 | Misc under Color Correction |
| | 62 – 127 | 25 – 49 | Reserved |
| | 128 – 140 | 50 – 54 | Red under Color Filter |
| | 141 – 152 | 55 – 59 | Orange under Color Filter |
| | 153 – 165 | 60 – 64 | Yellow under Color Filter |
| | 166 – 178 | 65 – 69 | Green under Color Filter |
| | 179 – 191 | 70 – 74 | Blue under Color Filter |
| | 192 – 203 | 75 – 79 | Purple under Color Filter |
| 204 – 255 | 80 – 100 | Reserved | |
| 4 | 0 – 255 | 0 – 100 | Gel 1: Filter Code |

Mode 16 : GEL, 8 bit resolution per function, base channels

| | | | |
|-----------|----------------------|---|--|
| 5 | 0 – 255 | 0 – 100 | Cross Fade from Gel 1 to Gel2 |
| 6 | Gel 2, CCT Selection | | |
| | 0 – 127 | 0 – 50 | 3.200 K |
| | 128 – 255 | 51 – 100 | 5.600 K |
| 7 | Gel 2: Filter Class | | |
| | 0 – 12 | 0 – 4 | CTB under Color Correction |
| | 13 – 25 | 5 – 9 | CTO under Color Correction |
| | 26 – 38 | 10 – 14 | CTS under Color Correction |
| | 39 – 50 | 15 – 19 | +/- Green under Color Correction |
| | 51 – 61 | 20 – 24 | Misc under Color Correction |
| | 62 – 127 | 25 – 49 | Reserved |
| | 128 – 140 | 50 – 54 | Red under Color Filter |
| | 141 – 152 | 55 – 59 | Orange under Color Filter |
| | 153 – 165 | 60 – 64 | Yellow under Color Filter |
| | 166 – 178 | 65 – 69 | Green under Color Filter |
| | 179 – 191 | 70 – 74 | Blue under Color Filter |
| | 192 – 203 | 75 – 79 | Purple under Color Filter |
| | 204 – 255 | 80 – 100 | Reserved |
| 8 | 0 – 255 | 0 – 100 | Gel 2: Filter Code |
| 9 | Transition Type | | |
| | 0~41 | 0~16 | Direct |
| | 42~83 | 17~32 | Through White Point |
| | 84~125 | 33~49 | Through Black Point |
| | 126~167 | 50~65 | Dissolve (future development plan) |
| | 168~209 | 66~82 | Over White Point (future development plan) |
| 210~255 | 83~100 | Under White point (future development plan) | |
| 10 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 11~13 | 0 – 255 | 0 – 100 | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for CTB under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 0 ~ 12 | 0 - 4 | 1 | RCC3220 | CTB Double |
| | 5 - 7 | 2 | RCC3202 | CTB Full |
| | 8 - 10 | 3 | RCC3203 | CTB 3/4 |
| | 11 - 12 | 4 | RCC3204 | CTB 1/2 |
| | 13 - 15 | 5 | RCC3208 | CTB 1/4 |
| 8 (for Gel 2) (Preset CH7: 0 ~ 12 | 16 - 17 | 6 | RCC3216 | CTB 1/8 |
| | 18 - 20 | 7 | LCC0283 | CTB 1-1/2 |
| | 21 - 22 | 8 | LCC0201 | CTB Full |
| | 23 - 25 | 9 | LCC0281 | CTB 3/4 |
| | 26 - 27 | 10 | LCC0202 | CTB 1/2 |
| | 28 - 30 | 11 | LCC0203 | CTB 1/4 |
| | 31 - 33 | 12 | LCC0218 | CTB 1/8 |
| | 34 - 255 | 13 - 100 | | Reserved for future use |

Filter code for CTO under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|--|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 13 ~ 25 | 0 - 4 | 1 | RCC3407 | CTO Full |
| | 5 - 7 | 2 | RCC3411 | CTO 3/4 |
| | 8 - 10 | 3 | RCC3408 | CTO 1/2 |
| | 11 - 12 | 4 | RCC3409 | CTO 1/4 |
| | 13 - 15 | 5 | RCC3410 | CTO 1/8 |
| 8 (for Gel 2) (Preset CH7: 13 ~ 25 | 16 - 17 | 6 | LCC0286 | CTO 1-1/2 |
| | 18 - 20 | 7 | LCC0208 | CTO Full+6ND |
| | 21 - 22 | 8 | LCC0207 | CTO Full+3ND |
| | 23 - 25 | 9 | LCC0206 | CTO 1/4 |
| | 26 - 27 | 10 | LCC0287 | CTO Double |
| | 28 - 30 | 11 | LCC0204 | CTO Full |
| | 31 - 33 | 12 | LCC0285 | CTO 3/4 |
| | 34 - 35 | 13 | LCC0205 | CTO 1/2 |
| | 36 - 38 | 14 | LCC0223 | CTO 1/8 |
| | 39 - 255 | 15 - 100 | | Reserved for future use |

Filter code for CTS under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|--|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 26 ~ 38 | 0 - 4 | 1 | RCC3441 | CTS Full |
| | 5 - 7 | 2 | RCC3442 | CTS 1/2 |
| | 8 - 10 | 3 | RCC3443 | CTS 1/4 |
| | 11 - 12 | 4 | RCC3444 | CTS 1/8 |
| | 13 - 15 | 5 | LCC0441 | CTS Full |
| 8 (for Gel 2) (Preset CH7: 26 ~ 38 | 16 - 17 | 6 | LCC0442 | CTS 1/2 |
| | 18 - 20 | 7 | LCC0443 | CTS 1/4 |
| | 21 - 22 | 8 | LCC0444 | CTS 1/8 |
| | 23 - 255 | 9 - 100 | | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for +/-Green under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 39 ~ 50) | 0 - 4 | 1 | RCC3304 | Plusgreen Full |
| | 5 - 7 | 2 | RCC3315 | Plusgreen 1/2 |
| | 8 - 10 | 3 | RCC3316 | Plusgreen 1/4 |
| | 11 - 12 | 4 | RCC3317 | Plusgreen 1/8 |
| | 13 - 15 | 5 | RCC3308 | Minusgreen Full |
| 8 (for Gel 2) (Preset CH7: 39 ~ 50) | 16 - 17 | 6 | RCC3309 | Minusgreen 3/4 |
| | 18 - 20 | 7 | RCC3313 | Minusgreen 1/2 |
| | 21 - 22 | 8 | RCC3314 | Minusgreen 1/4 |
| | 23 - 25 | 9 | RCC3318 | Minusgreen 1/8 |
| | 26 - 27 | 10 | LCC0244 | L.Plus Green |
| | 28 - 30 | 11 | LCC0245 | Plus Green 1/2 |
| | 31 - 33 | 12 | LCC0246 | Plus Green 1/4 |
| | 34 - 35 | 13 | LCC0278 | Plus Green 1/8 |
| | 36 - 38 | 14 | LCC0247 | L. Minus Green |
| | 39 - 40 | 15 | LCC0248 | Minus Green 1/2 |
| | 41 - 43 | 16 | LCC0249 | Minus Green 1/4 |
| | 44 - 45 | 17 | LCC0279 | Minus Green 1/8 |
| | 46 - 255 | 18 - 100 | | Reserved for future use |

Filter code for Misc under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|-------------------------|-------------------|
| 4 (for Gel 1) (Preset CH3: 51 ~ 61) | 0 - 4 | 1 | RCC3102 | Tough MT2 |
| | 5 - 7 | 2 | RCC3106 | Tough MTY |
| | 8 - 10 | 3 | RCC3107 | Tough Y-1 |
| | 11 - 12 | 4 | RCC3134 | Tough MT |
| | 13 - 15 | 5 | RCC3150 | Industrial Vapor |
| 8 (for Gel 2) (Preset CH7: 51 ~ 61) | 16 - 17 | 6 | RCC3152 | Urban Vapor |
| | 18 - 20 | 7 | RCC3310 | Fluoro Ffilter |
| | 21 - 22 | 8 | LCC0212 | LCT Yellow (Y1) |
| | 23 - 25 | 9 | LCC0213 | White Flame Green |
| | 26 - 27 | 10 | LCC0219 | Fluo Green |
| | 28 - 30 | 11 | LCC0230 | S.Corr LCT Yellow |
| | 31 - 33 | 12 | LCC0232 | S Corr WF Green |
| | 34 - 35 | 13 | LCC0236 | HMI (to Tungsten) |
| | 36 - 38 | 14 | LCC0237 | CID (to Tungsten) |
| | 39 - 40 | 15 | LCC0238 | CSI (to Tungsten) |
| | 41 - 43 | 16 | LCC0241 | L.Fluro 5700K |
| | 44 - 45 | 17 | LCC0242 | L.Fluro 4300K |
| | 46 - 48 | 18 | LCC0243 | L.Fluro 3600K |
| 49 - 255 | 19 - 100 | | Reserved for future use | |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for Red

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|---------|------------|----------|-------------------|
| 4 (for Gel 1) (Preset CH3: 128 ~ 140) | 0 - 4 | 1 | RCA4615 | Red 15 |
| | 5 - 7 | 2 | RCA4630 | Red 30 |
| | 8 - 10 | 3 | RCA4660 | Red 60 |
| | 11 - 12 | 4 | RCA4690 | Red 90 |
| | 13 - 15 | 5 | RCA4815 | Pink 15 |
| 8 (for Gel 2) (Preset CH7: 128 ~ 140) | 16 - 17 | 6 | RCA4830 | Pink 30 |
| | 18 - 20 | 7 | RCA4860 | Pink 60 |
| | 21 - 22 | 8 | RCA4890 | Pink 90 |
| | 23 - 25 | 9 | RCC3102 | Tough MT2 |
| | 26 - 27 | 10 | RCL0021 | Golden Amber |
| | 28 - 30 | 11 | RCL0026 | Light Red |
| | 31 - 33 | 12 | RCL0033 | No Color Pink |
| | 34 - 35 | 13 | RCL0034 | Flesh Pink |
| | 36 - 38 | 14 | RCL0041 | Salmon |
| | 39 - 40 | 15 | RCL0042 | Deep Salmon |
| | 41 - 43 | 16 | RCL0044 | Middle Rose |
| | 44 - 45 | 17 | RCL0318 | Mayan Sun |
| | 46 - 48 | 18 | RCL0321 | Soft Golden Amber |
| | 49 - 50 | 19 | RCL0325 | Henna Sky |
| | 51 - 53 | 20 | RCL0333 | Blush Pink |
| | 54 - 55 | 21 | RSS2001 | VS-Red |
| | 56 - 58 | 22 | L700748 | Seedy Pink |
| | 59 - 61 | 23 | L700779 | Bastard Pink |
| | 62 - 63 | 24 | L700781 | Terry Red |
| | 64 - 66 | 25 | L700790 | Moroccan Pink |
| | 67 - 68 | 26 | L700794 | Pretty n Pink |
| | 69 - 71 | 27 | L700795 | Magical Magenta |
| | 72 - 73 | 28 | LCF0002 | Rose Pink |
| | 74 - 76 | 29 | LCF0008 | Dark Salmon |
| | 77 - 78 | 30 | LCF0019 | Fire |
| | 79 - 81 | 31 | LCF0024 | Scarlet |
| | 82 - 84 | 32 | LCF0025 | Sunset Red |
| | 85 - 86 | 33 | LCF0026 | Bright Red |
| | 87 - 89 | 34 | LCF0035 | Light Pink |

Mode 16 : GEL, 8 bit resolution per function, base channels

| | | | |
|-----------|----------|---------|-------------------------|
| 90 – 91 | 35 | LCF0036 | Med. Pink |
| 92 – 94 | 36 | LCF0046 | Dark Magenta |
| 95 – 96 | 37 | LCF0048 | Rose Purple |
| 97 – 99 | 38 | LCF0106 | Primary Red |
| 100 – 101 | 39 | LCF0107 | Light Rose |
| 102 – 104 | 40 | LCF0108 | English Rose |
| 105 – 106 | 41 | LCF0109 | Light Salmon |
| 107 – 109 | 42 | LCF0110 | Middle Rose |
| 110 – 112 | 43 | LCF0111 | Dark Pink |
| 113 – 114 | 44 | LCF0113 | Magenta |
| 115 – 117 | 45 | LCF0127 | Smokey Pink |
| 118 – 119 | 46 | LCF0128 | Bright Pink |
| 120 – 122 | 47 | LCF0148 | Bright Rose |
| 123 – 124 | 48 | LCF0151 | Gold Tint |
| 125 – 127 | 49 | LCF0153 | Pale Salmon |
| 128 – 129 | 50 | LCF0154 | Pale Rose |
| 130 – 132 | 51 | LCF0157 | Pink |
| 133 – 135 | 52 | LCF0164 | Flame Red |
| 136 – 137 | 53 | LCF0176 | Loving Amber |
| 138 – 140 | 54 | LCF0182 | Light Red |
| 141 – 142 | 55 | LCF0192 | Flesh Pink |
| 143 – 145 | 56 | LCF0332 | S.Rose Pink |
| 146 – 147 | 57 | LCS0705 | Lily Frost |
| 148 – 150 | 58 | LCS0749 | Hampshire Rose |
| 151 – 152 | 59 | LCS0750 | Durham Frost |
| 153 – 155 | 60 | L700789 | Blood Red |
| 156 – 255 | 61 - 100 | | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for Orange

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 141 ~ 152) | 0 - 4 | 1 | RCL0002 | Bastard Amber |
| | 5 - 7 | 2 | RCL0008 | Pale Gold |
| | 8 - 10 | 3 | RCL0016 | Light Amber |
| | 11 - 12 | 4 | RCL0017 | Light Flame |
| | 13 - 15 | 5 | RCL0018 | Flame |
| 8 (for Gel 2) (Preset CH7: 141 ~ 152) | 16 - 17 | 6 | RCL0023 | Orange |
| | 18 - 20 | 7 | RCL0099 | Chocolate |
| | 21 - 22 | 8 | RCL0302 | Pale Bastard Amber |
| | 23 - 25 | 9 | RCL0316 | Gallo Gold |
| | 26 - 27 | 10 | RSS2002 | VS-Orange |
| | 28 - 30 | 11 | L600604 | Full CT |
| | 31 - 33 | 12 | L600651 | HI Sodium |
| | 34 - 35 | 13 | L600652 | Urban Sodium |
| | 36 - 38 | 14 | L700747 | Easy White |
| | 39 - 40 | 15 | L700773 | Cardbox Amber |
| | 41 - 43 | 16 | L700776 | Nectarine |
| | 44 - 45 | 17 | L700778 | Millennium Gold |
| | 46 - 48 | 18 | LCF0004 | Med.Bastard Amber |
| | 49 - 50 | 19 | LCF0009 | Pale Amber Gold |
| | 51 - 53 | 20 | LCF0017 | Surprise Peach |
| | 54 - 55 | 21 | LCF0021 | Gold Amber |
| | 56 - 58 | 22 | LCF0022 | Dark Amber |
| | 59 - 61 | 23 | LCF0105 | Orange |
| | 62 - 63 | 24 | LCF0134 | Golden Amber |
| | 64 - 66 | 25 | LCF0135 | Deep Golden Amber |
| | 67 - 68 | 26 | LCF0147 | Apricot |
| | 69 - 71 | 27 | LCF0152 | Pale Gold |
| | 72 - 73 | 28 | LCF0156 | Chocolate |
| | 74 - 76 | 29 | LCF0162 | Bastard Amber |
| | 77 - 78 | 30 | LCF0179 | Chrome Orange |
| | 79 - 81 | 31 | LCS0774 | Soft Amber Key 1 |
| | 82 - 84 | 32 | LCS0775 | Soft Amber Key 2 |
| | 85 - 86 | 33 | LCS0791 | Moroccan Frost |
| | 87 - 255 | 34 - 100 | | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for Yellow

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 153 ~ 165) | 0 - 4 | 1 | RCA4515 | Yellow 15 |
| | 5 - 7 | 2 | RCA4530 | Yellow 30 |
| | 8 - 10 | 3 | RCA4560 | Yellow 60 |
| | 11 - 12 | 4 | RCA4590 | Yellow 90 |
| | 13 - 15 | 5 | RCL0006 | No Color Straw |
| 8 (for Gel 2) (Preset CH7: 153 ~ 165) | 16 - 17 | 6 | RCL0012 | Straw |
| | 18 - 20 | 7 | RCL0310 | Daffodil |
| | 21 - 22 | 8 | RSS2003 | VS-Yellow |
| | 23 - 25 | 9 | L600650 | Industry Sodium |
| | 26 - 27 | 10 | L600653 | LO Sodium |
| | 28 - 30 | 11 | L700742 | Bram Brown |
| | 31 - 33 | 12 | L700744 | Dirty White |
| | 34 - 35 | 13 | L700746 | Brown |
| | 36 - 38 | 14 | L700763 | Wheat |
| | 39 - 40 | 15 | L700764 | Sun Colour Straw |
| | 41 - 43 | 16 | L700765 | L. Yellow |
| | 44 - 45 | 17 | LCF0010 | Med. Yellow |
| | 46 - 48 | 18 | LCF0013 | Straw Tint |
| | 49 - 50 | 19 | LCF0015 | Deep Straw |
| | 51 - 53 | 20 | LCF0020 | Med. Amber |
| | 54 - 55 | 21 | LCF0100 | Spring Yellow |
| | 56 - 58 | 22 | LCF0101 | Yellow |
| | 59 - 61 | 23 | LCF0102 | Light Amber |
| | 62 - 63 | 24 | LCF0103 | Straw |
| | 64 - 66 | 25 | LCF0104 | Deep Amber |
| | 67 - 68 | 26 | LCF0159 | No Color Straw |
| | 69 - 255 | 27 - 100 | | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for Green

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 166 ~ 178) | 0 - 4 | 1 | RCA4390 | Cyan 90 |
| | 5 - 7 | 2 | RCA4415 | Green 15 |
| | 8 - 10 | 3 | RCA4430 | Green 30 |
| | 11 - 12 | 4 | RCA4460 | Green 60 |
| | 13 - 15 | 5 | RCA4490 | Green 90 |
| 8 (for Gel 2) (Preset CH7: 166 ~ 178) | 16 - 17 | 6 | RCL0087 | Pale Yellow Green |
| | 18 - 20 | 7 | RCL0088 | Light Green |
| | 21 - 22 | 8 | RCL0089 | Moss Green |
| | 23 - 25 | 9 | RCL0091 | Primary Green |
| | 26 - 27 | 10 | RCL0092 | Turquoise |
| | 28 - 30 | 11 | RCL0093 | Blue Green |
| | 31 - 33 | 12 | RSS2004 | VS-Green |
| | 34 - 35 | 13 | RSS2005 | VS-Cyan |
| | 36 - 38 | 14 | L700728 | Steel Green |
| | 39 - 40 | 15 | L700730 | Liberty Green |
| | 41 - 43 | 16 | L700731 | Dirty Ice |
| | 44 - 45 | 17 | L700733 | Damp Squib |
| | 46 - 48 | 18 | L700738 | JAS Green |
| | 49 - 50 | 19 | LCF0088 | Lime Green |
| | 51 - 53 | 20 | LCF0089 | Moss Green |
| | 54 - 55 | 21 | LCF0090 | Dark Yellow Green |
| | 56 - 58 | 22 | LCF0121 | L. Green |
| | 59 - 61 | 23 | LCF0122 | Fern Green |
| | 62 - 63 | 24 | LCF0124 | Dark Green |
| | 64 - 66 | 25 | LCF0131 | Marine Blue |
| | 67 - 68 | 26 | LCF0138 | Pale Green |
| | 69 - 71 | 27 | LCF0139 | Primary Green |
| | 72 - 255 | 28 - 100 | | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for Blue

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|---------|------------|---------------|-------------------|
| 4 (for Gel 1) (Preset CH3: 179 ~ 191) | 0 - 4 | 1 | RCA4215 | Blue 15 |
| | 5 - 7 | 2 | RCA4230 | Blue 30 |
| | 8 - 10 | 3 | RCA4260 | Blue 60 |
| | 11 - 12 | 4 | RCA4290 | Blue 90 |
| | 13 - 15 | 5 | RCA4307 | Cyan 7 |
| 8 (for Gel 2) (Preset CH7: 179 ~ 191) | 16 - 17 | 6 | RCA4315 | Cyan 15 |
| | 18 - 20 | 7 | RCA4330 | Cyan 30 |
| | 21 - 22 | 8 | RCA4360 | Cyan 60 |
| | 23 - 25 | 9 | RCL0060 | No Color Blue |
| | 26 - 27 | 10 | RCL0062 | Booster Blue |
| | 28 - 30 | 11 | RCL0065 | Daylight Blue |
| | 31 - 33 | 12 | RCL0077 | Green Blue |
| | 34 - 35 | 13 | RCL0080 | Primary Blue |
| | 36 - 38 | 14 | RCL0083 | Med. Blue |
| | 39 - 40 | 15 | RCL0360 | Clearwater |
| | 41 - 43 | 16 | RCL0362 | Tipton Blue |
| | 44 - 45 | 17 | RCL0364 | Blue Bell |
| | 46 - 48 | 18 | RCL0365 | Tharon Delft Blue |
| | 49 - 50 | 19 | RCL0375 | Cerulean Blue |
| | 51 - 53 | 20 | RCL0376 | Bermuda Blue |
| | 54 - 55 | 21 | RCL0378 | Alice Blue |
| | 56 - 58 | 22 | RCL0381 | Baldassari Blue |
| | 59 - 61 | 23 | RSS2006 | VS-Azure |
| | 62 - 63 | 24 | RSS2007 | VS-Blue |
| | 64 - 66 | 25 | RSS2008 | VS-Indigo |
| | 67 - 68 | 26 | L600600 | Arctic White |
| | 69 - 71 | 27 | L600601 | Silver |
| | 72 - 73 | 28 | L600602 | Platinum |
| | 74 - 76 | 29 | L600603 | Moonlight White |
| 77 - 78 | 30 | L700708 | Cool Lavender | |
| 79 - 81 | 31 | L700710 | Spir Sp Blue | |
| 82 - 84 | 32 | L700711 | Cold Blue | |
| 85 - 86 | 33 | L700712 | Bedford Blue | |
| 87 - 89 | 34 | L700714 | Elysian Blue | |

Mode 16 : GEL, 8 bit resolution per function, base channels

| | | | |
|-----------|----------|---------|-------------------------|
| 90 – 91 | 35 | L700715 | Cabana Blue |
| 92 – 94 | 36 | L700716 | Mik. Blue |
| 95 – 96 | 37 | L700719 | Colour Wash Blue |
| 97 – 99 | 38 | L700721 | Berry Blue |
| 100 – 101 | 39 | L700723 | Virgin Blue |
| 102 – 104 | 40 | L700724 | Ocean Blue |
| 105 – 106 | 41 | L700725 | Old Steel Blue |
| 107 – 109 | 42 | LCC0200 | CTB Double |
| 110 – 112 | 43 | LCF0061 | Mist Blue |
| 113 – 114 | 44 | LCF0063 | Pale Blue |
| 115 – 117 | 45 | LCF0068 | Sky Blue |
| 118 – 119 | 46 | LCF0075 | Evening Blue |
| 120 – 122 | 47 | LCF0079 | Just Blue |
| 123 – 124 | 48 | LCF0085 | Deeper Blue |
| 125 – 127 | 49 | LCF0115 | Peacock Blue |
| 128 – 129 | 50 | LCF0117 | Steel Blue |
| 130 – 132 | 51 | LCF0118 | Light Blue |
| 133 – 135 | 52 | LCF0120 | Deep Blue |
| 136 – 137 | 53 | LCF0140 | Summer Blue |
| 138 – 140 | 54 | LCF0141 | Bright Blue |
| 141 – 142 | 55 | LCF0143 | Pale Navy Blue |
| 143 – 145 | 56 | LCF0144 | No Color Blue |
| 146 – 147 | 57 | LCF0161 | Slate Blue |
| 148 – 150 | 58 | LCF0165 | Daylight Blue |
| 151 – 152 | 59 | LCF0174 | Dark Steel Blue |
| 153 – 155 | 60 | LCF0195 | Zenith Blue |
| 156 – 157 | 61 | LCF0196 | True Blue |
| 159 – 160 | 62 | LCF0197 | Alice Blue |
| 161 – 163 | 63 | LCF0198 | Palace Blue |
| 164 – 165 | 64 | LCF0199 | Regal Blue |
| 166 – 168 | 65 | LCS0221 | Blue Frost |
| 169 – 170 | 66 | LCS0224 | Daylite Blue Frost |
| 171 – 173 | 67 | LCS0717 | Shanklin Frost |
| 174 – 175 | 68 | LCS0718 | 1/2 Shanklin Frost |
| 176 – 178 | 69 | LCS0720 | Dh Daylite Frost |
| 179 – 255 | 70 - 100 | | Reserved for future use |

Mode 16 : GEL, 8 bit resolution per function, base channels

Filter code for Purple

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 4 (for Gel 1) (Preset CH3: 192 ~ 203) | 0 - 4 | 1 | RSS2010 | VS-Magenta |
| | 5 - 7 | 2 | RSS2009 | VS-Violet |
| | 8 - 10 | 3 | RCL0051 | Surprise Pink |
| | 11 - 12 | 4 | RCL0047 | Light Rose Purple |
| | 13 - 15 | 5 | RCL0037 | Pale Rose Pink |
| 8 (for Gel 2) (Preset CH7: 192 ~ 203) | 16 - 17 | 6 | RCA4990 | Lavender 90 |
| | 18 - 20 | 7 | RCA4960 | Lavender 60 |
| | 21 - 22 | 8 | RCA4930 | Lavender 30 |
| | 23 - 25 | 9 | RCA4915 | Lavender 15 |
| | 26 - 27 | 10 | RCA4790 | Magenta 90 |
| | 28 - 30 | 11 | RCA4760 | Magenta 60 |
| | 31 - 33 | 12 | RCA4730 | Magenta 30 |
| | 34 - 35 | 13 | RCA4715 | Magenta 15 |
| | 36 - 38 | 14 | L700700 | Perfect Lavender |
| | 39 - 40 | 15 | L700701 | Provence |
| | 41 - 43 | 16 | L700702 | Sp Pale Lavender |
| | 44 - 45 | 17 | L700703 | Cold Lavender |
| | 46 - 48 | 18 | L700704 | Lily |
| | 49 - 50 | 19 | L700706 | King Fals Lavender |
| | 51 - 53 | 20 | L700709 | Electric Lilac |
| | 54 - 55 | 21 | LCF0003 | Lavender Tint |
| | 56 - 58 | 22 | LCF0052 | Light Lavender |
| | 59 - 61 | 23 | LCF0053 | Paler Lavender |
| | 62 - 63 | 24 | LCF0058 | Lavender |
| | 64 - 66 | 25 | LCF0136 | Pale Lavender |
| | 67 - 68 | 26 | LCF0137 | Special Lavender |
| | 69 - 71 | 27 | LCF0142 | Pale Violet |
| | 72 - 73 | 28 | LCF0169 | Lilac Tint |
| | 74 - 76 | 29 | LCF0170 | Deep Lavender |
| | 77 - 78 | 30 | LCF0180 | Dark Lavender |
| | 79 - 81 | 31 | LCF0194 | Surprise Pink |
| | 82 - 255 | 32 - 100 | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 17 : GEL, 16 bit resolution per function, base channels

| DMX Channel | Value | Percent | Function |
|------------------|----------------------|----------|----------------------------------|
| 1 (hi) 2 (lo) | 0 – 65535 | 0 – 100 | Master Intensity |
| 3 | Gel 1, CCT Selection | | |
| | 0 – 127 | 0 – 50 | 3.200 K |
| | 128 – 255 | 51 – 100 | 5.600 K |
| 4 | Gel 1: Filter Class | | |
| | 0 – 12 | 0 – 4 | CTB under Color Correction |
| | 13 – 25 | 5 – 9 | CTO under Color Correction |
| | 26 – 38 | 10 – 14 | CTS under Color Correction |
| | 39 – 50 | 15 – 19 | +/- Green under Color Correction |
| | 51 – 61 | 20 – 24 | Misc under Color Correction |
| | 62 – 127 | 25 – 49 | Reserved |
| | 128 – 140 | 50 – 54 | Red under Color Filter |
| | 141 – 152 | 55 – 59 | Orange under Color Filter |
| | 153 – 165 | 60 – 64 | Yellow under Color Filter |
| | 166 – 178 | 65 – 69 | Green under Color Filter |
| | 179 – 191 | 70 – 74 | Blue under Color Filter |
| | 192 – 203 | 75 – 79 | Purple under Color Filter |
| | 204 – 255 | 80 – 100 | Reserved |
| 5 | 0 – 255 | 0 – 100 | Gel 1: Filter Code |

Mode 17 : GEL, 16 bit resolution per function, base channels

| | | | |
|-----------|----------------------|---|--|
| 6 | 0 – 255 | 0 – 100 | Cross Fade from Gel 1 to Gel2 |
| 7 | Gel 2, CCT Selection | | |
| | 0 – 127 | 0 – 50 | 3.200 K |
| | 128 – 255 | 51 – 100 | 5.600 K |
| 8 | Gel 2: Filter Class | | |
| | 0 – 12 | 0 – 4 | CTB under Color Correction |
| | 13 – 25 | 5 – 9 | CTO under Color Correction |
| | 26 – 38 | 10 – 14 | CTS under Color Correction |
| | 39 – 50 | 15 – 19 | +/- Green under Color Correction |
| | 51 – 61 | 20 – 24 | Misc under Color Correction |
| | 62 – 127 | 25 – 49 | Reserved |
| | 128 – 140 | 50 – 54 | Red under Color Filter |
| | 141 – 152 | 55 – 59 | Orange under Color Filter |
| | 153 – 165 | 60 – 64 | Yellow under Color Filter |
| | 166 – 178 | 65 – 69 | Green under Color Filter |
| | 179 – 191 | 70 – 74 | Blue under Color Filter |
| | 192 – 203 | 75 – 79 | Purple under Color Filter |
| | 204 – 255 | 80 – 100 | Reserved |
| 9 | 0 – 255 | 0 – 100 | Gel 2: Filter Code |
| 10 | Transition Type | | |
| | 0~41 | 0~16 | Direct |
| | 42~83 | 17~32 | Through White Point |
| | 84~125 | 33~49 | Through Black Point |
| | 126~167 | 50~65 | Dissolve (future development plan) |
| | 168~209 | 66~82 | Over White Point (future development plan) |
| 210~255 | 83~100 | Under White point (future development plan) | |
| 11 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 12~14 | 0 – 255 | 0 – 100 | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for CTB under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|--|----------|------------|----------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 0 ~ 12) | 0 - 4 | 1 | RCC3220 | CTB Double |
| | 5 - 7 | 2 | RCC3202 | CTB Full |
| | 8 - 10 | 3 | RCC3203 | CTB 3/4 |
| | 11 - 12 | 4 | RCC3204 | CTB 1/2 |
| | 13 - 15 | 5 | RCC3208 | CTB 1/4 |
| 9 (for Gel 2) (Preset CH8: 0 ~ 12) | 16 - 17 | 6 | RCC3216 | CTB 1/8 |
| | 18 - 20 | 7 | LCC0283 | CTB 1-1/2 |
| | 21 - 22 | 8 | LCC0201 | CTB Full |
| | 23 - 25 | 9 | LCC0281 | CTB 3/4 |
| | 26 - 27 | 10 | LCC0202 | CTB 1/2 |
| | 28 - 30 | 11 | LCC0203 | CTB 1/4 |
| | 31 - 33 | 12 | LCC0218 | CTB 1/8 |
| | 34 - 255 | 13 - 100 | | Reserved for future use |

Filter code for CTO under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 13 ~ 25) | 0 - 4 | 1 | RCC3407 | CTO Full |
| | 5 - 7 | 2 | RCC3411 | CTO 3/4 |
| | 8 - 10 | 3 | RCC3408 | CTO 1/2 |
| | 11 - 12 | 4 | RCC3409 | CTO 1/4 |
| | 13 - 15 | 5 | RCC3410 | CTO 1/8 |
| 9 (for Gel 2) (Preset CH8: 13 ~ 25) | 16 - 17 | 6 | LCC0286 | CTO 1-1/2 |
| | 18 - 20 | 7 | LCC0208 | CTO Full+6ND |
| | 21 - 22 | 8 | LCC0207 | CTO Full+3ND |
| | 23 - 25 | 9 | LCC0206 | CTO 1/4 |
| | 26 - 27 | 10 | LCC0287 | CTO Double |
| | 28 - 30 | 11 | LCC0204 | CTO Full |
| | 31 - 33 | 12 | LCC0285 | CTO 3/4 |
| | 34 - 35 | 13 | LCC0205 | CTO 1/2 |
| | 36 - 38 | 14 | LCC0223 | CTO 1/8 |
| | 39 - 255 | 15 - 100 | | Reserved for future use |

Filter code for CTS under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 26 ~ 38) | 0 - 4 | 1 | RCC3441 | CTS Full |
| | 5 - 7 | 2 | RCC3442 | CTS 1/2 |
| | 8 - 10 | 3 | RCC3443 | CTS 1/4 |
| | 11 - 12 | 4 | RCC3444 | CTS 1/8 |
| | 13 - 15 | 5 | LCC0441 | CTS Full |
| 9 (for Gel 2) (Preset CH8: 26 ~ 38) | 16 - 17 | 6 | LCC0442 | CTS 1/2 |
| | 18 - 20 | 7 | LCC0443 | CTS 1/4 |
| | 21 - 22 | 8 | LCC0444 | CTS 1/8 |
| | 23 - 255 | 9 - 100 | | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for +/-Green under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 39 ~ 50) | 0 - 4 | 1 | RCC3304 | Plusgreen Full |
| | 5 - 7 | 2 | RCC3315 | Plusgreen 1/2 |
| | 8 - 10 | 3 | RCC3316 | Plusgreen 1/4 |
| | 11 - 12 | 4 | RCC3317 | Plusgreen 1/8 |
| | 13 - 15 | 5 | RCC3308 | Minusgreen Full |
| 9 (for Gel 2) (Preset CH8: 39 ~ 50) | 16 - 17 | 6 | RCC3309 | Minusgreen 3/4 |
| | 18 - 20 | 7 | RCC3313 | Minusgreen 1/2 |
| | 21 - 22 | 8 | RCC3314 | Minusgreen 1/4 |
| | 23 - 25 | 9 | RCC3318 | Minusgreen 1/8 |
| | 26 - 27 | 10 | LCC0244 | L.Plus Green |
| | 28 - 30 | 11 | LCC0245 | Plus Green 1/2 |
| | 31 - 33 | 12 | LCC0246 | Plus Green 1/4 |
| | 34 - 35 | 13 | LCC0278 | Plus Green 1/8 |
| | 36 - 38 | 14 | LCC0247 | L. Minus Green |
| | 39 - 40 | 15 | LCC0248 | Minus Green 1/2 |
| | 41 - 43 | 16 | LCC0249 | Minus Green 1/4 |
| | 44 - 45 | 17 | LCC0279 | Minus Green 1/8 |
| | 46 - 255 | 18 - 100 | | Reserved for future use |

Filter code for Misc under Color Correction

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|-------------------------|-------------------|
| 5 (for Gel 1) (Preset CH4: 51 ~ 61) | 0 - 4 | 1 | RCC3102 | Tough MT2 |
| | 5 - 7 | 2 | RCC3106 | Tough MTY |
| | 8 - 10 | 3 | RCC3107 | Tough Y-1 |
| | 11 - 12 | 4 | RCC3134 | Tough MT |
| | 13 - 15 | 5 | RCC3150 | Industrial Vapor |
| 9 (for Gel 2) (Preset CH8: 51 ~ 61) | 16 - 17 | 6 | RCC3152 | Urban Vapor |
| | 18 - 20 | 7 | RCC3310 | Fluoro Ffilter |
| | 21 - 22 | 8 | LCC0212 | LCT Yellow (Y1) |
| | 23 - 25 | 9 | LCC0213 | White Flame Green |
| | 26 - 27 | 10 | LCC0219 | Fluo Green |
| | 28 - 30 | 11 | LCC0230 | S.Corr LCT Yellow |
| | 31 - 33 | 12 | LCC0232 | S Corr WF Green |
| | 34 - 35 | 13 | LCC0236 | HMI (to Tungsten) |
| | 36 - 38 | 14 | LCC0237 | CID (to Tungsten) |
| | 39 - 40 | 15 | LCC0238 | CSI (to Tungsten) |
| | 41 - 43 | 16 | LCC0241 | L.Flou 5700K |
| | 44 - 45 | 17 | LCC0242 | L.Flou 4300K |
| | 46 - 48 | 18 | LCC0243 | L.Flou 3600K |
| 49 - 255 | 19 - 100 | | Reserved for future use | |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for Red

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|---------|------------|----------|-------------------|
| 5 (for Gel 1) (Preset CH4: 128 ~ 140) | 0 - 4 | 1 | RCA4615 | Red 15 |
| | 5 - 7 | 2 | RCA4630 | Red 30 |
| | 8 - 10 | 3 | RCA4660 | Red 60 |
| | 11 - 12 | 4 | RCA4690 | Red 90 |
| | 13 - 15 | 5 | RCA4815 | Pink 15 |
| 9 (for Gel 2) (Preset CH8: 128 ~ 140) | 16 - 17 | 6 | RCA4830 | Pink 30 |
| | 18 - 20 | 7 | RCA4860 | Pink 60 |
| | 21 - 22 | 8 | RCA4890 | Pink 90 |
| | 23 - 25 | 9 | RCC3102 | Tough MT2 |
| | 26 - 27 | 10 | RCL0021 | Golden Amber |
| | 28 - 30 | 11 | RCL0026 | Light Red |
| | 31 - 33 | 12 | RCL0033 | No Color Pink |
| | 34 - 35 | 13 | RCL0034 | Flesh Pink |
| | 36 - 38 | 14 | RCL0041 | Salmon |
| | 39 - 40 | 15 | RCL0042 | Deep Salmon |
| | 41 - 43 | 16 | RCL0044 | Middle Rose |
| | 44 - 45 | 17 | RCL0318 | Mayan Sun |
| | 46 - 48 | 18 | RCL0321 | Soft Golden Amber |
| | 49 - 50 | 19 | RCL0325 | Henna Sky |
| | 51 - 53 | 20 | RCL0333 | Blush Pink |
| | 54 - 55 | 21 | RSS2001 | VS-Red |
| | 56 - 58 | 22 | L700748 | Seedy Pink |
| | 59 - 61 | 23 | L700779 | Bastard Pink |
| | 62 - 63 | 24 | L700781 | Terry Red |
| | 64 - 66 | 25 | L700790 | Moroccan Pink |
| | 67 - 68 | 26 | L700794 | Pretty n Pink |
| | 69 - 71 | 27 | L700795 | Magical Magenta |
| | 72 - 73 | 28 | LCF0002 | Rose Pink |
| | 74 - 76 | 29 | LCF0008 | Dark Salmon |
| | 77 - 78 | 30 | LCF0019 | Fire |
| | 79 - 81 | 31 | LCF0024 | Scarlet |
| | 82 - 84 | 32 | LCF0025 | Sunset Red |
| | 85 - 86 | 33 | LCF0026 | Bright Red |
| | 87 - 89 | 34 | LCF0035 | Light Pink |

Mode 17 : GEL, 16 bit resolution per function, base channels

| | | | |
|-----------|----------|---------|-------------------------|
| 90 – 91 | 35 | LCF0036 | Med. Pink |
| 92 – 94 | 36 | LCF0046 | Dark Magenta |
| 95 – 96 | 37 | LCF0048 | Rose Purple |
| 97 – 99 | 38 | LCF0106 | Primary Red |
| 100 – 101 | 39 | LCF0107 | Light Rose |
| 102 – 104 | 40 | LCF0108 | English Rose |
| 105 – 106 | 41 | LCF0109 | Light Salmon |
| 107 – 109 | 42 | LCF0110 | Middle Rose |
| 110 – 112 | 43 | LCF0111 | Dark Pink |
| 113 – 114 | 44 | LCF0113 | Magenta |
| 115 – 117 | 45 | LCF0127 | Smokey Pink |
| 118 – 119 | 46 | LCF0128 | Bright Pink |
| 120 – 122 | 47 | LCF0148 | Bright Rose |
| 123 – 124 | 48 | LCF0151 | Gold Tint |
| 125 – 127 | 49 | LCF0153 | Pale Salmon |
| 128 – 129 | 50 | LCF0154 | Pale Rose |
| 130 – 132 | 51 | LCF0157 | Pink |
| 133 – 135 | 52 | LCF0164 | Flame Red |
| 136 – 137 | 53 | LCF0176 | Loving Amber |
| 138 – 140 | 54 | LCF0182 | Light Red |
| 141 – 142 | 55 | LCF0192 | Flesh Pink |
| 143 – 145 | 56 | LCF0332 | S.Rose Pink |
| 146 – 147 | 57 | LCS0705 | Lily Frost |
| 148 – 150 | 58 | LCS0749 | Hampshire Rose |
| 151 – 152 | 59 | LCS0750 | Durham Frost |
| 153 – 155 | 60 | L700789 | Blood Red |
| 156 – 255 | 61 - 100 | | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for Orange

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 141 ~ 152) | 0 - 4 | 1 | RCL0002 | Bastard Amber |
| | 5 - 7 | 2 | RCL0008 | Pale Gold |
| | 8 - 10 | 3 | RCL0016 | Light Amber |
| | 11 - 12 | 4 | RCL0017 | Light Flame |
| | 13 - 15 | 5 | RCL0018 | Flame |
| 9 (for Gel 2) (Preset CH8: 141 ~ 152) | 16 - 17 | 6 | RCL0023 | Orange |
| | 18 - 20 | 7 | RCL0099 | Chocolate |
| | 21 - 22 | 8 | RCL0302 | Pale Bastard Amber |
| | 23 - 25 | 9 | RCL0316 | Gallo Gold |
| | 26 - 27 | 10 | RSS2002 | VS-Orange |
| | 28 - 30 | 11 | L600604 | Full CT |
| | 31 - 33 | 12 | L600651 | HI Sodium |
| | 34 - 35 | 13 | L600652 | Urban Sodium |
| | 36 - 38 | 14 | L700747 | Easy White |
| | 39 - 40 | 15 | L700773 | Cardbox Amber |
| | 41 - 43 | 16 | L700776 | Nectarine |
| | 44 - 45 | 17 | L700778 | Millennium Gold |
| | 46 - 48 | 18 | LCF0004 | Med.Bastard Amber |
| | 49 - 50 | 19 | LCF0009 | Pale Amber Gold |
| | 51 - 53 | 20 | LCF0017 | Surprise Peach |
| | 54 - 55 | 21 | LCF0021 | Gold Amber |
| | 56 - 58 | 22 | LCF0022 | Dark Amber |
| | 59 - 61 | 23 | LCF0105 | Orange |
| | 62 - 63 | 24 | LCF0134 | Golden Amber |
| | 64 - 66 | 25 | LCF0135 | Deep Golden Amber |
| | 67 - 68 | 26 | LCF0147 | Apricot |
| | 69 - 71 | 27 | LCF0152 | Pale Gold |
| | 72 - 73 | 28 | LCF0156 | Chocolate |
| | 74 - 76 | 29 | LCF0162 | Bastard Amber |
| | 77 - 78 | 30 | LCF0179 | Chrome Orange |
| | 79 - 81 | 31 | LCS0774 | Soft Amber Key 1 |
| | 82 - 84 | 32 | LCS0775 | Soft Amber Key 2 |
| | 85 - 86 | 33 | LCS0791 | Moroccan Frost |
| | 87 - 255 | 34 - 100 | | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for Yellow

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|----------|------------|----------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 153 ~ 165) | 0 - 4 | 1 | RCA4515 | Yellow 15 |
| | 5 - 7 | 2 | RCA4530 | Yellow 30 |
| | 8 - 10 | 3 | RCA4560 | Yellow 60 |
| | 11 - 12 | 4 | RCA4590 | Yellow 90 |
| | 13 - 15 | 5 | RCL0006 | No Color Straw |
| 9 (for Gel 2) (Preset CH8: 153 ~ 165) | 16 - 17 | 6 | RCL0012 | Straw |
| | 18 - 20 | 7 | RCL0310 | Daffodil |
| | 21 - 22 | 8 | RSS2003 | VS-Yellow |
| | 23 - 25 | 9 | L600650 | Industry Sodium |
| | 26 - 27 | 10 | L600653 | LO Sodium |
| | 28 - 30 | 11 | L700742 | Bram Brown |
| | 31 - 33 | 12 | L700744 | Dirty White |
| | 34 - 35 | 13 | L700746 | Brown |
| | 36 - 38 | 14 | L700763 | Wheat |
| | 39 - 40 | 15 | L700764 | Sun Colour Straw |
| | 41 - 43 | 16 | L700765 | L. Yellow |
| | 44 - 45 | 17 | LCF0010 | Med. Yellow |
| | 46 - 48 | 18 | LCF0013 | Straw Tint |
| | 49 - 50 | 19 | LCF0015 | Deep Straw |
| | 51 - 53 | 20 | LCF0020 | Med. Amber |
| | 54 - 55 | 21 | LCF0100 | Spring Yellow |
| | 56 - 58 | 22 | LCF0101 | Yellow |
| | 59 - 61 | 23 | LCF0102 | Light Amber |
| | 62 - 63 | 24 | LCF0103 | Straw |
| | 64 - 66 | 25 | LCF0104 | Deep Amber |
| | 67 - 68 | 26 | LCF0159 | No Color Straw |
| | 69 - 255 | 27 - 100 | | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for Green

| DMX Channel | Value | Percentage | Gel Name | Gel Number | |
|---|----------|------------|----------|-------------------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 166 ~ 178) | 0 - 4 | 1 | RCA4390 | Cyan 90 | |
| | 5 - 7 | 2 | RCA4415 | Green 15 | |
| | 8 - 10 | 3 | RCA4430 | Green 30 | |
| | 11 - 12 | 4 | RCA4460 | Green 60 | |
| | 13 - 15 | 5 | RCA4490 | Green 90 | |
| 9 (for Gel 2) (Preset CH8: 166 ~ 178) | 16 - 17 | 6 | RCL0087 | Pale Yellow Green | |
| | 18 - 20 | 7 | RCL0088 | Light Green | |
| | 21 - 22 | 8 | RCL0089 | Moss Green | |
| | 23 - 25 | 9 | RCL0091 | Primary Green | |
| | 26 - 27 | 10 | RCL0092 | Turquoise | |
| | 28 - 30 | 11 | RCL0093 | Blue Green | |
| | 31 - 33 | 12 | RSS2004 | VS-Green | |
| | 34 - 35 | 13 | RSS2005 | VS-Cyan | |
| | 36 - 38 | 14 | L700728 | Steel Green | |
| | 39 - 40 | 15 | L700730 | Liberty Green | |
| | 41 - 43 | 16 | L700731 | Dirty Ice | |
| | 44 - 45 | 17 | L700733 | Damp Squib | |
| | 46 - 48 | 18 | L700738 | JAS Green | |
| | 49 - 50 | 19 | LCF0088 | Lime Green | |
| | 51 - 53 | 20 | LCF0089 | Moss Green | |
| | 54 - 55 | 21 | LCF0090 | Dark Yellow Green | |
| | 56 - 58 | 22 | LCF0121 | L. Green | |
| | 59 - 61 | 23 | LCF0122 | Fern Green | |
| | 62 - 63 | 24 | LCF0124 | Dark Green | |
| | 64 - 66 | 25 | LCF0131 | Marine Blue | |
| | 67 - 68 | 26 | LCF0138 | Pale Green | |
| | 69 - 71 | 27 | LCF0139 | Primary Green | |
| | 72 - 255 | 28 - 100 | | | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for Blue

| DMX Channel | Value | Percentage | Gel Name | Gel Number |
|---|---------|------------|---------------|-------------------|
| 5 (for Gel 1) (Preset CH4: 179 ~ 191) | 0 - 4 | 1 | RCA4215 | Blue 15 |
| | 5 - 7 | 2 | RCA4230 | Blue 30 |
| | 8 - 10 | 3 | RCA4260 | Blue 60 |
| | 11 - 12 | 4 | RCA4290 | Blue 90 |
| | 13 - 15 | 5 | RCA4307 | Cyan 7 |
| 9 (for Gel 2) (Preset CH8: 179 ~ 191) | 16 - 17 | 6 | RCA4315 | Cyan 15 |
| | 18 - 20 | 7 | RCA4330 | Cyan 30 |
| | 21 - 22 | 8 | RCA4360 | Cyan 60 |
| | 23 - 25 | 9 | RCL0060 | No Color Blue |
| | 26 - 27 | 10 | RCL0062 | Booster Blue |
| | 28 - 30 | 11 | RCL0065 | Daylight Blue |
| | 31 - 33 | 12 | RCL0077 | Green Blue |
| | 34 - 35 | 13 | RCL0080 | Primary Blue |
| | 36 - 38 | 14 | RCL0083 | Med. Blue |
| | 39 - 40 | 15 | RCL0360 | Clearwater |
| | 41 - 43 | 16 | RCL0362 | Tipton Blue |
| | 44 - 45 | 17 | RCL0364 | Blue Bell |
| | 46 - 48 | 18 | RCL0365 | Tharon Delft Blue |
| | 49 - 50 | 19 | RCL0375 | Cerulean Blue |
| | 51 - 53 | 20 | RCL0376 | Bermuda Blue |
| | 54 - 55 | 21 | RCL0378 | Alice Blue |
| | 56 - 58 | 22 | RCL0381 | Baldassari Blue |
| | 59 - 61 | 23 | RSS2006 | VS-Azure |
| | 62 - 63 | 24 | RSS2007 | VS-Blue |
| | 64 - 66 | 25 | RSS2008 | VS-Indigo |
| | 67 - 68 | 26 | L600600 | Arctic White |
| | 69 - 71 | 27 | L600601 | Silver |
| | 72 - 73 | 28 | L600602 | Platinum |
| | 74 - 76 | 29 | L600603 | Moonlight White |
| 77 - 78 | 30 | L700708 | Cool Lavender | |
| 79 - 81 | 31 | L700710 | Spir Sp Blue | |
| 82 - 84 | 32 | L700711 | Cold Blue | |
| 85 - 86 | 33 | L700712 | Bedford Blue | |
| 87 - 89 | 34 | L700714 | Elysian Blue | |

Mode 17 : GEL, 16 bit resolution per function, base channels

| | | | |
|-----------|----------|---------|-------------------------|
| 90 – 91 | 35 | L700715 | Cabana Blue |
| 92 – 94 | 36 | L700716 | Mik. Blue |
| 95 – 96 | 37 | L700719 | Colour Wash Blue |
| 97 – 99 | 38 | L700721 | Berry Blue |
| 100 – 101 | 39 | L700723 | Virgin Blue |
| 102 – 104 | 40 | L700724 | Ocean Blue |
| 105 – 106 | 41 | L700725 | Old Steel Blue |
| 107 – 109 | 42 | LCC0200 | CTB Double |
| 110 – 112 | 43 | LCF0061 | Mist Blue |
| 113 – 114 | 44 | LCF0063 | Pale Blue |
| 115 – 117 | 45 | LCF0068 | Sky Blue |
| 118 – 119 | 46 | LCF0075 | Evening Blue |
| 120 – 122 | 47 | LCF0079 | Just Blue |
| 123 – 124 | 48 | LCF0085 | Deeper Blue |
| 125 – 127 | 49 | LCF0115 | Peacock Blue |
| 128 – 129 | 50 | LCF0117 | Steel Blue |
| 130 – 132 | 51 | LCF0118 | Light Blue |
| 133 – 135 | 52 | LCF0120 | Deep Blue |
| 136 – 137 | 53 | LCF0140 | Summer Blue |
| 138 – 140 | 54 | LCF0141 | Bright Blue |
| 141 – 142 | 55 | LCF0143 | Pale Navy Blue |
| 143 – 145 | 56 | LCF0144 | No Color Blue |
| 146 – 147 | 57 | LCF0161 | Slate Blue |
| 148 – 150 | 58 | LCF0165 | Daylight Blue |
| 151 – 152 | 59 | LCF0174 | Dark Steel Blue |
| 153 – 155 | 60 | LCF0195 | Zenith Blue |
| 156 – 157 | 61 | LCF0196 | True Blue |
| 159 – 160 | 62 | LCF0197 | Alice Blue |
| 161 – 163 | 63 | LCF0198 | Palace Blue |
| 164 – 165 | 64 | LCF0199 | Regal Blue |
| 166 – 168 | 65 | LCS0221 | Blue Frost |
| 169 – 170 | 66 | LCS0224 | Daylite Blue Frost |
| 171 – 173 | 67 | LCS0717 | Shanklin Frost |
| 174 – 175 | 68 | LCS0718 | 1/2 Shanklin Frost |
| 176 – 178 | 69 | LCS0720 | Dh Daylite Frost |
| 179 – 255 | 70 - 100 | | Reserved for future use |

Mode 17 : GEL, 16 bit resolution per function, base channels

Filter code for Purple

| DMX Channel | Value | Percentage | Gel Name | Gel Number | |
|--|----------|------------|----------|--------------------|-------------------------|
| 5 (for Gel 1) (Preset CH4: 192 ~ 203 | 0 - 4 | 1 | RSS2010 | VS-Magenta | |
| | 5 - 7 | 2 | RSS2009 | VS-Violet | |
| | 8 - 10 | 3 | RCL0051 | Surprise Pink | |
| | 11 - 12 | 4 | RCL0047 | Light Rose Purple | |
| | 13 - 15 | 5 | RCL0037 | Pale Rose Pink | |
| 9 (for Gel 2) (Preset CH8: 192 ~ 203 | 16 - 17 | 6 | RCA4990 | Lavender 90 | |
| | 18 - 20 | 7 | RCA4960 | Lavender 60 | |
| | 21 - 22 | 8 | RCA4930 | Lavender 30 | |
| | 23 - 25 | 9 | RCA4915 | Lavender 15 | |
| | 26 - 27 | 10 | RCA4790 | Magenta 90 | |
| | 28 - 30 | 11 | RCA4760 | Magenta 60 | |
| | 31 - 33 | 12 | RCA4730 | Magenta 30 | |
| | 34 - 35 | 13 | RCA4715 | Magenta 15 | |
| | 36 - 38 | 14 | L700700 | Perfect Lavender | |
| | 39 - 40 | 15 | L700701 | Provence | |
| | 41 - 43 | 16 | L700702 | Sp Pale Lavender | |
| | 44 - 45 | 17 | L700703 | Cold Lavender | |
| | 46 - 48 | 18 | L700704 | Lily | |
| | 49 - 50 | 19 | L700706 | King Fals Lavender | |
| | 51 - 53 | 20 | L700709 | Electric Lilac | |
| | 54 - 55 | 21 | LCF0003 | Lavender Tint | |
| | 56 - 58 | 22 | LCF0052 | Light Lavender | |
| | 59 - 61 | 23 | LCF0053 | Paler Lavender | |
| | 62 - 63 | 24 | LCF0058 | Lavender | |
| | 64 - 66 | 25 | LCF0136 | Pale Lavender | |
| | 67 - 68 | 26 | LCF0137 | Special Lavender | |
| | 69 - 71 | 27 | LCF0142 | Pale Violet | |
| | 72 - 73 | 28 | LCF0169 | Lilac Tint | |
| | 74 - 76 | 29 | LCF0170 | Deep Lavender | |
| | 77 - 78 | 30 | LCF0180 | Dark Lavender | |
| | 79 - 81 | 31 | LCF0194 | Surprise Pink | |
| | 82 - 255 | 32 - 100 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 18 : x,y Coordinates, 8 bit resolution per function

| DMX Channel | Value | Percent | Function |
|-------------|------------------|-------------------------|---|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | X1 Coordinate (0.0 – 0.8) |
| 3 | 0 – 255 | 0 – 100 | Y1 Coordinate (0.0 – 0,8) |
| 4 | 0 – 255 | 0 – 100 | Cross Fade X1, Y1 → X2, Y2 |
| 5 | 0 – 255 | 0 – 100 | X2 Coordinate (0.0 – 0.8) |
| 6 | 0 – 255 | 0 – 100 | Y2 Coordinate (0.0 – 0,8) |
| 7 | Transition Type | | |
| | 0~41 | 0~16 | Direct |
| | 42~83 | 17~32 | Through White Point |
| | 84~125 | 33~49 | Through Black Point |
| | 126~167 | 50~65 | Dissolve (future development plan) |
| | 168~209 | 66~82 | Over White Point (future development plan) |
| | 210~255 | 83~100 | Under White point (future development plan) |
| 8 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 9 ~ 11 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 19 : x,y Coordinates 16 bit resolution per function

| DMX Channel | Value | Percent | Function |
|-------------|-----------------|-------------------------|---|
| 1 (Hi) | | | Master Intensity |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (hi) | 0 –65535 | 0 – 100 | X1 Coordinate (0.0 – 0.8) |
| 4 (lo) | | | |
| 5 (hi) | 0 –65535 | 0 – 100 | Y1 Coordinate (0.0 – 0,8) |
| 6 (lo) | | | |
| 7 | 0 – 255 | 0 – 100 | Cross Fade X1, Y1 → X2, Y2 |
| 8 (hi) | 0 –65535 | 0 – 100 | X2 Coordinate (0.0 – 0.8) |
| 9 (lo) | | | |
| 10 (hi) | 0 –65535 | 0 – 100 | Y2 Coordinate (0.0 – 0,8) |
| 11 (lo) | | | |
| 12 | Transition Type | | |
| | 0~41 | 0~16 | Direct |
| | 42~83 | 17~32 | Through White Point |
| | 84~125 | 33~49 | Through Black Point |
| | 126~167 | 50~65 | Dissolve (future development plan) |
| | 168~209 | 66~82 | Over White Point (future development plan) |
| | 210~255 | 83~100 | Under White point (future development plan) |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 14~16 | | | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 20 : Effects, 8 bit resolution per function

| DMX Channel | Value | Percent | Function |
|-------------|------------------|-------------------------------------|----------------------------|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | Effect Selection | | |
| | 0 – 9 | 0 – 4 | No Effect |
| | 10 – 19 | 5 – 7 | Party |
| | 20 – 29 | 8 – 11 | Candle |
| | 30 – 39 | 12 – 15 | Clouds Passing |
| | 40 – 49 | 16 – 19 | Club |
| | 50 – 59 | 20 – 23 | Color Chase |
| | 60 – 69 | 24 – 27 | Explosion |
| | 70 – 79 | 28 – 31 | Fire |
| | 80 – 89 | 32 – 35 | Fireworks |
| | 90 – 99 | 36 – 39 | Flu.Flicker |
| | 100 – 109 | 40 – 43 | Lightning |
| | 110 – 119 | 44 – 47 | Paparazzi |
| | 120 – 129 | 48 – 51 | Police Car |
| | 130 – 139 | 52 – 55 | Process |
| | 140 – 149 | 56 – 58 | Pulsing |
| | 150 – 159 | 59 – 62 | Strobe |
| | 160 – 169 | 63 – 66 | TV |
| 170 – 179 | 67 – 70 | Welding | |
| 180 – 189 | 71 – 74 | N/A | |
| 180 – 255 | 75 – 100 | No Effect (Reserved for future use) | |

Mode 20 : Effects, 8 bit resolution per function

| | | | |
|-------|-------------|----------|--|
| 3 | 0 – 255 | 0 – 100 | Effect Parameter 1 (Like PARTY, SPEED) |
| 4 | 0 – 255 | 0 – 100 | Effect Parameter 2 (Like PARTY , SATURATION) |
| 5 | 0 – 255 | 0 – 100 | Effect Parameter 3 |
| 6 | 0 – 255 | 0 – 100 | Effect Parameter 4 |
| 7 | 0 – 255 | 0 – 100 | Effect Parameter 5 |
| 8 | 0 – 255 | 0 – 100 | Effect Parameter 6 |
| 9 | 0 – 255 | 0 – 100 | Effect Parameter 7 |
| 10 | 0 – 255 | 0 – 100 | Effect Parameter 8 |
| 11 | 0 – 255 | 0 – 100 | Effect Parameter 9 |
| 12 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |
| 13~15 | | | Reserved for future use |

Mode 20 : Effects, 8 bit resolution per function

| Party Effect | | | | |
|--------------------|-------------|-------------|---------|------------|
| Preset: Ch2: 10-19 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | 0 – 255 | 0 – 100 | Saturation |

| Candle | | | | |
|--------------------|-------------|-------------------|----------|--------------|
| Preset: Ch2: 20-29 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | Color Temperature | | |
| | | 0 – 84 | 0 – 33 | 1400 ~ 1700K |
| | | 85 – 170 | 34 – 66 | 1700 ~ 2000K |
| | | 171 – 255 | 67 – 100 | 2000 ~ 2300K |

| Cloud Passing | | | | |
|--------------------|-------------|-------------|---------|--|
| Preset: Ch2: 30-39 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | 0 – 255 | 0 – 100 | Offset *Number 0 - 50 (Every 5 DMX values is a new |
| 3 | 5 | 255 | 100 | Sync (Jump to "Offset" section) |

| Club | | | | |
|--------------------|-------------|-------------|---------|-----------|
| Preset: Ch2: 40-49 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | Type | | |
| | | 0 - 31 | 0 - 12 | 3 Colors |
| | | 32 - 63 | 13 - 24 | 6 Colors |
| | | 64 - 95 | 25 - 37 | 9 Colors |
| | | 96 - 127 | 38 - 49 | 12 Colors |
| | | 128 - 159 | 50 - 62 | 15 Colors |
| | | 160 - 191 | 63 - 74 | 18 Colors |
| | | 192 - 223 | 75 - 87 | 21 Colors |
| 224 - 255 | 88 - 100 | 24 Colors | | |

| Color Chase | | | | |
|--------------------|-------------|-------------|---------|--|
| Preset: Ch2: 50-59 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | 0 – 255 | 0 – 100 | Offset *Number 0 - 50 (Every 5 DMX values is a new |
| 3 | 5 | 255 | 100 | Sync (Jump to "Offset" section) |

Mode 20 : Effects, 8 bit resolution per function

| Explosion | | | | |
|--------------------|-------------|----------------------------|----------|---|
| Preset: Ch2: 60-69 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 - 127 | 0 - 49 | Auto Explosion Speed (Slow ->Fast) |
| | | 128 - 249 | 50 - 97 | Idle (Manual Operation wait for signal) |
| | | 250 - 255 | 98 - 100 | Manual Trigger |
| 2 | 4 | 0 - 255 | 0 - 100 | Decay |
| 3 | 5 | 0 - 255 | 0 - 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| 245~255 | 97~100 | full plus green | | |
| 5 | 7 | 0 - 255 | 0 - 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 - 255 | 0 - 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 - 255 | 0 - 100 | Adjust Saturation (0~100%) |

| Fire | | | | |
|--------------------|-------------|-------------------|----------|----------|
| Preset: Ch2: 70-79 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 - 255 | 0 - 100 | Speed |
| 2 | 4 | Color Temperature | | |
| | | 0 - 84 | 0 - 33 | Warm |
| | | 85 - 170 | 34 - 66 | Neutral |
| | | 171 - 255 | 67 - 100 | Cold |

| Fireworks | | | | |
|--------------------|-------------|-------------|----------|-----------|
| Preset: Ch2: 80-89 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 - 255 | 0 - 100 | Speed |
| 2 | 4 | Combination | | |
| | | 0 - 84 | 0 - 33 | RGB |
| | | 85 - 170 | 34 - 66 | White |
| | | 171 - 255 | 67 - 100 | RGB+White |

Mode 20 : Effects, 8 bit resolution per function

| Flu. Flicker | | | | |
|--------------------|-------------|----------------------------|---------|---|
| Preset: Ch2: 90-99 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | 0 – 255 | 0 – 100 | Frequency |
| 3 | 5 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| 245~255 | 97~100 | full plus green | | |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 10 | 255 | 100 | Sync |

| Lightning | | | | |
|----------------------|-------------|----------------------------|---------|---|
| Preset: Ch2: 100-109 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Frequency |
| 2 | 4 | 0 – 255 | 0 – 100 | Density |
| 3 | 5 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| 245~255 | 97~100 | full plus green | | |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 10 | 255 | 100 | Sync |

Mode 20 : Effects, 8 bit resolution per function

| Paparazzi | | | | |
|----------------------|-------------|----------------------------|----------|---|
| Preset: Ch2: 110-119 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Frequency |
| 2 | 4 | Flash Type | | |
| | | 0 – 127 | 0 – 50 | Flash Bulb |
| | | 128 – 255 | 51 – 100 | Modern Flash |
| 3 | 5 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| | | 245~255 | 97~100 | full plus green |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 10 | 255 | 100 | Sync |

| Police Car | | | | |
|----------------------|-------------|--------------------|----------|-------------------------|
| Preset: Ch2: 120-129 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | Color Combinations | | |
| | | 0 - 25 | 0 - 9 | Blue |
| | | 26 - 50 | 10 - 19 | Red |
| | | 51 - 76 | 20 - 29 | Blue and Red |
| | | 77 - 101 | 30 - 39 | Blue and White |
| | | 102 - 127 | 40 - 49 | Amber |
| | | 128 - 152 | 50 - 59 | Blue and Amber |
| | | 153 - 178 | 60 - 69 | Red and Amber |
| | | 179 - 255 | 70 - 100 | Reserved |
| 2 | 4 | Mode | | |
| | | 0 - 25 | 0 - 9 | Single Flash |
| | | 26 - 50 | 10 - 19 | Double Flash |
| | | 51 - 76 | 20 - 29 | Quint Flash |
| | | 77 - 101 | 30 - 39 | Quad Flash |
| | | 102 - 255 | 40 - 100 | Reserved for future use |

Mode 20 : Effects, 8 bit resolution per function

| Process | | | | |
|----------------------|-------------|----------------------------|----------|---|
| Preset: Ch2: 130-139 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | Direction | | |
| | | 0 – 127 | 0 – 50 | From Right to Left |
| | | 128 – 255 | 51 – 100 | From Left to Right |
| 3 | 5 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| | | 245~255 | 97~100 | full plus green |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 10 | 255 | 100 | Sync |

| Pulsing | | | | |
|----------------------|-------------|----------------------------|---------|---|
| Preset: Ch2: 140-149 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Frequency |
| 2 | 4 | 0 – 255 | 0 – 100 | Span (Pulse Duration) |
| 3 | 5 | 0 – 255 | 0 – 100 | Color temperature CCT |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| 245~255 | 97~100 | full plus green | | |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 10 | 255 | 100 | Sync |

Mode 20 : Effects, 8 bit resolution per function

| Strobe | | | | |
|----------------------|-------------|----------------------------|---------|---|
| Preset: Ch2: 150-159 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Strobe ON |
| 2 | 4 | 0 – 255 | 0 – 100 | Strobe OFF |
| 3 | 5 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| 245~255 | 97~100 | full plus green | | |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 10 | 255 | 100 | Sync |

| TV | | | | |
|----------------------|-------------|-------------------|----------|----------|
| Preset: Ch2: 160-169 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | Color Temperature | | |
| | | 0 – 84 | 0 – 33 | Warm |
| | | 85 – 170 | 34 – 66 | Neutral |
| | | 171 – 255 | 67 – 100 | Cold |

| Welding | | | | |
|----------------------|-------------|----------------------------|---------|---|
| Preset: Ch2: 170-179 | | | | |
| Para. | DMX Channel | Value 8 bit | Percent | Function |
| 1 | 3 | 0 – 255 | 0 – 100 | Speed |
| 2 | 4 | 0 – 255 | 0 – 100 | Min Intensity Level |
| 3 | 5 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 6 | Green / Magenta Adjustment | | |
| | | 0~10 | 0~4 | neutral / no effect |
| | | 11~20 | 5~8 | full minus green |
| | | 21~119 | 9~46 | -99% --> -1% |
| | | 120~145 | 47~57 | neutral / no effect |
| | | 146~244 | 58~96 | 1% --> 99% |
| 245~255 | 97~100 | full plus green | | |
| 5 | 7 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 8 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 9 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 21 : Effects, 16 bit resolution per function

| Para. | DMX Channel | Value | Percent | Function |
|-------|-------------|------------------|-------------------------------------|----------------------------|
| | 1 (Hi) | | | Master Intensity |
| | 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| | 3 | Effect Selection | | |
| | | 0 – 9 | 0 – 4 | No Effect |
| | | 10 – 19 | 5 – 7 | Party |
| | | 20 – 29 | 8 – 11 | Candle |
| | | 30 – 39 | 12 – 15 | Clouds Passing |
| | | 40 – 49 | 16 – 19 | Club |
| | | 50 – 59 | 20 – 23 | Color Chase |
| | | 60 – 69 | 24 – 27 | Explosion |
| | | 70 – 79 | 28 – 31 | Fire |
| | | 80 – 89 | 32 – 35 | Fireworks |
| | | 90 – 99 | 36 – 39 | Flu.Flicker |
| | | 100 – 109 | 40 – 43 | Lightning |
| | | 110 – 119 | 44 – 47 | Paparazzi |
| | | 120 – 129 | 48 – 51 | Police Car |
| | | 130 – 139 | 52 – 55 | Process |
| | | 140 – 149 | 56 – 58 | Pulsing |
| | | 150 – 159 | 59 – 62 | Strobe |
| | 160 – 169 | 63 – 66 | TV | |
| | 170 – 179 | 67 – 70 | Welding | |
| | 180 – 189 | 71 – 74 | N/A | |
| | 190 - 255 | 75 - 100 | Reserved for future use (No Effect) | |
| | 4 | | | Reserved for future use |

Mode 21 : Effects, 16 bit resolution per function

| | | | |
|-----------|---------------------|-------------------------|-----------------------------------|
| 5 (Hi) | Effect Parameter #1 | | |
| 6 (Lo) | 0 – 65535 | 0 – 100 | Para#1 (Like PARTY, SPEED) |
| 7 (Hi) | Effect Parameter #2 | | |
| 8 (Lo) | 0 – 65535 | 0 – 100 | Para #2 (Like PARTY , SATURATION) |
| 9 (Hi) | Effect Parameter #3 | | |
| 10 (Lo) | 0 – 65535 | 0 – 100 | Para #3 |
| 11 (Hi) | Effect Parameter #4 | | |
| 12 (Lo) | 0 – 65535 | 0 – 100 | Para #4 |
| 13 (Hi) | Effect Parameter #5 | | |
| 14 (Lo) | 0 – 65535 | 0 – 100 | Para #5 |
| 15 (Hi) | Effect Parameter #6 | | |
| 16 (Lo) | 0 – 65535 | 0 – 100 | Para #6 |
| 17 (Hi) | Effect Parameter #7 | | |
| 18 (Lo) | 0 – 65535 | 0 – 100 | Para #7 |
| 19 (Hi) | Effect Parameter #8 | | |
| 20 (Lo) | 0 – 65535 | 0 – 100 | Para #6 |
| 21 (Hi) | Effect Parameter #9 | | |
| 22 (Lo) | 0 – 65535 | 0 – 100 | Para #7 |
| 23 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | AutoMode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |
| 24~26 | | | Reserved for future use |

Mode 21 : Effects, 16 bit resolution per function

| Party Effect | | | | |
|--------------------|-------------|--------------|---------|------------|
| Preset: Ch3: 10-19 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) | 0 – 65535 | 0 – 100 | Speed |
| | 6 (Lo) | | | |
| 2 | 7 (Hi) | 0 – 65535 | 0 – 100 | Saturation |
| | 8 (Lo) | | | |

| Candle | | | | |
|--------------------|-------------|-------------------|----------|--------------|
| Preset: Ch3: 20-29 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) | 0 – 65535 | 0 – 100 | Speed |
| | 6 (Lo) | | | |
| 2 | 7 (Hi) | Color Temperature | | |
| | 8 (Lo) | 0 – 21804 | 0 – 33 | 1400 ~ 1700K |
| | | 21805 – 43520 | 34 – 66 | 1700 ~ 2000K |
| | | 43521 – 65535 | 67 – 100 | 2000 ~ 2300K |

| Cloud Passing | | | | |
|--------------------|-------------|--------------|---------|---------------------------------|
| Preset: Ch3: 30-39 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) | 0 – 65535 | 0 – 100 | Speed |
| | 6 (Lo) | | | |
| 2 | 7 (Hi) | 0 – 65535 | 0 – 100 | Offset |
| | 8 (Lo) | | | |
| 3 | 9 (Hi) | 65535 | 100 | Sync (Jump to "Offset" section) |
| | 10 (Lo) | | | |

| Club | | | | |
|--------------------|-------------|---------------|----------|-----------|
| Preset: Ch3: 40-49 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) | 0 – 65535 | 0 – 100 | Speed |
| | 6 (Lo) | | | |
| 2 | 7 (Hi) | Type | | |
| | 8 (Lo) | 0 - 8191 | 0 - 12 | 3 Colors |
| | | 8192 - 16383 | 13 - 24 | 6 Colors |
| | | 16384 - 24575 | 25 - 37 | 9 Colors |
| | | 24576 - 32767 | 38 - 49 | 12 Colors |
| | | 32768 - 40959 | 50 - 62 | 15 Colors |
| | | 40960 - 49151 | 63 - 74 | 18 Colors |
| | | 49152 - 57343 | 75 - 87 | 21 Colors |
| | | 57344 - 65535 | 88 - 100 | 24 Colors |

Mode 21 : Effects, 16 bit resolution per function

| Color Chase | | | | |
|--------------------|-------------|--------------|---------|--|
| Preset: Ch3: 50-59 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) | 0 – 65535 | 0 – 100 | Speed |
| | 6 (Lo) | | | |
| 2 | 7 (Hi) | 0 – 65535 | 0 – 100 | Offset *Number 0 - 50 (Every 500 DMX values is a new Offset) |
| | 8 (Lo) | | | |
| 3 | 9 (Hi) | 65535 | 100 | Sync (Jump to "Offset" section) |
| | 10 (Lo) | | | |

| Explosion | | | | |
|--------------------|-------------|----------------------------|----------|---|
| Preset: Ch3: 60-69 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) | 0 - 32767 | 0 - 49 | Auto Explosion Speed (Slow ->Fast) |
| | 6 (Lo) | 32768 - 64224 | 50 - 97 | Idle (Manual Operation wait for signal) |
| | | 64225- 65535 | 98 – 100 | Manual Trigger |
| 2 | 7 (Hi) | 0 – 65535 | 0 – 100 | Decay |
| | 8 (Lo) | | | |
| 3 | 9 (Hi) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| | 10 (Lo) | | | |
| 4 | 11 (Hi) | Green / Magenta Adjustment | | |
| | 12 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| 60000~65535 | 93~100 | full plus green | | |
| 5 | 13 (Hi) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| | 14 (Lo) | | | |
| 6 | 15 (Hi) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| | 16 (Lo) | | | |
| 7 | 17 (Hi) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| | 18 (Lo) | | | |

| Fire | | | | | |
|--------------------|-------------|-------------------|---------------|----------|---------|
| Preset: Ch3: 70-79 | | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function | |
| 1 | 5 (Hi) | 0 – 65535 | 0 – 100 | Speed | |
| | 6 (Lo) | | | | |
| 2 | 7 (Hi) | Color Temperature | | | |
| | | 8 (Lo) | 0 – 21804 | 0 – 33 | Warm |
| | | | 21805 – 43520 | 34 – 66 | Neutral |
| | | | 43521 – 65535 | 67 – 100 | Cold |

Mode 21 : Effects, 16 bit resolution per function

| Fireworks | | | | |
|--------------------|------------------|---------------|----------|-----------|
| Preset: Ch3: 80-89 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Speed |
| 2 | 7 (Hi) | Combination | | |
| | 8 (Lo) | 0 – 21804 | 0 – 33 | RGB |
| | | 21805 – 43520 | 34 – 66 | White |
| | | 43521 – 65535 | 67 – 100 | RGB+White |

| Flu. Flicker | | | | |
|--------------------|--------------------|----------------------------|---------|---|
| Preset: Ch3: 90-99 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Speed |
| 2 | 7 (Hi) 8 (Lo) | 0 – 65535 | 0 – 100 | Frequency |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) | Green / Magenta Adjustment | | |
| | 12 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| 60000~65535 | 93~100 | full plus green | | |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 19 (Hi) 20 (Lo) | 65535 | 100 | Sync |

Mode 21 : Effects, 16 bit resolution per function

| Lightning | | | | |
|----------------------|--------------------|----------------------------|---------|---|
| Preset: Ch3: 100-109 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Frequency |
| 2 | 7 (Hi) 8 (Lo) | 0 – 65535 | 0 – 100 | Density |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) 12 (Lo) | Green / Magenta Adjustment | | |
| | | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| | | 60000~65535 | 93~100 | full plus green |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 19 (Hi) 20 (Lo) | 65535 | 100 | Sync |

Mode 21 : Effects, 16 bit resolution per function

| Paparazzi | | | | |
|----------------------|--------------------|----------------------------|----------|---|
| Preset: Ch3: 110-119 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Frequency |
| 2 | 7 (Hi) | Flash Type | | |
| | 8 (Lo) | 0 - 32767 | 0 – 50 | Flash Bulb |
| | | 32768 - 65535 | 51 – 100 | Modern Flash |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) | Green / Magenta Adjustment | | |
| | 12 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| 60000~65535 | 93~100 | full plus green | | |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 19 (Hi) 20 (Lo) | 65535 | 100 | Sync |

| Police Car | | | | |
|----------------------|------------------|-------------------------|---------|----------------|
| Preset: Ch3: 120-129 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | Color Combinations | | |
| | | 0 – 6553 | 0 - 9 | Blue |
| | | 6554 - 13106 | 10 - 19 | Red |
| | | 13107 - 19660 | 20 - 29 | Blue and Red |
| | | 19661 - 26214 | 30 - 39 | Blue and White |
| | | 26215 - 32767 | 40 - 49 | Amber |
| | | 32768 - 39221 | 50- 59 | Blue and Amber |
| | | 39222 - 45874 | 60 - 69 | Red and Amber |
| 45875 - 65535 | 70 - 100 | Reserved | | |
| 2 | 7 (Hi) 8 (Lo) | Mode | | |
| | | 0 – 6553 | 0 - 9 | Single Flash |
| | | 6554 - 13106 | 10 - 19 | Double Flash |
| | | 13107 - 19660 | 20 - 29 | Quint Flash |
| | | 19661 - 26214 | 30 - 39 | Quad Flash |
| 26215 - 65535 | 40 - 100 | Reserved for future use | | |

Mode 21 : Effects, 16 bit resolution per function

| Process | | | | |
|----------------------|--------------------|----------------------------|----------|---|
| Preset: Ch3: 130-139 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Speed |
| 2 | 7 (Hi) | Direction | | |
| | 8 (Lo) | 0 - 32767 | 0 – 50 | From Right to Left |
| | | 32768 - 65535 | 51 – 100 | From Left to Right |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) | Green / Magenta Adjustment | | |
| | 12 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| 60000~65535 | 93~100 | full plus green | | |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 19 (Hi) 20 (Lo) | 65535 | 100 | Sync |

Mode 21 : Effects, 16 bit resolution per function

| Pulsing | | | | |
|----------------------|--------------------|----------------------------|---------|---|
| Preset: Ch3: 140-149 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Frequency |
| 2 | 7 (Hi) 8 (Lo) | 0 – 65535 | 0 – 100 | Span (Pulse Duration) |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) 12 (Lo) | Green / Magenta Adjustment | | |
| | | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| | | 60000~65535 | 93~100 | full plus green |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 19 (Hi) 20 (Lo) | 65535 | 100 | Sync |

Mode 21 : Effects, 16 bit resolution per function

| Strobe | | | | |
|----------------------|--------------------|----------------------------|---------|---|
| Preset: Ch3: 150-159 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Strobe ON |
| 2 | 7 (Hi) 8 (Lo) | 0 – 65535 | 0 – 100 | Strobe OFF |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) 12 (Lo) | Green / Magenta Adjustment | | |
| | | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| | | 60000~65535 | 93~100 | full plus green |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 8 | 19 (Hi) 20 (Lo) | 65535 | 100 | Sync |

| TV | | | | |
|----------------------|------------------|-------------------|----------|----------|
| Preset: Ch3: 160-169 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Speed |
| 2 | 7 (Hi) 8 (Lo) | Color Temperature | | |
| | | 0 – 21804 | 0 – 33 | Warm |
| | | 21805 – 43520 | 34 – 66 | Neutral |
| | | 43521 – 65535 | 67 – 100 | Cold |

Mode 21 : Effects, 16 bit resolution per function

| Welding | | | | |
|----------------------|--------------------|----------------------------|---------|---|
| Preset: Ch3: 170-179 | | | | |
| Para. | DMX Channel | Value 16 bit | Percent | Function |
| 1 | 5 (Hi) 6 (Lo) | 0 – 65535 | 0 – 100 | Speed |
| 2 | 7 (Hi) 8 (Lo) | 0 – 65535 | 0 – 100 | Min Intensity Level |
| 3 | 9 (Hi) 10 (Lo) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 | 11 (Hi) 12 (Lo) | Green / Magenta Adjustment | | |
| | | 0~5000 | 0~7 | neutral / no effect |
| | | 5001~10000 | 8~15 | full minus green |
| | | 10001~29999 | 16~46 | -99% --> -1% |
| | | 30000~40000 | 47~61 | neutral / no effect |
| | | 40001~59999 | 62~92 | 1% --> 99% |
| | | 60000~65535 | 93~100 | full plus green |
| 5 | 13 (Hi) 14 (Lo) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 6 | 15 (Hi) 16 (Lo) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 7 | 17 (Hi) 18 (Lo) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

Model ID: Aurora V1 200C 0x0202
 Aurora V1 400C 0x0201
 Aurora V2 220C 0x0211
 Aurora V2 450C 0x0212

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| DMX Channel | Value | Percent | Function |
|-------------|------------------|-------------------------|------------------------------|
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Parameter #1 |
| 3 | 0 – 255 | 0 – 100 | Color Parameter #2 |
| 4 | 0 – 255 | 0 – 100 | Color Parameter #3 |
| 5 | 0 – 255 | 0 – 100 | Color Parameter #4 |
| 6 | 0 – 255 | 0 – 100 | Color Parameter #5 |
| 7 | 0 – 255 | 0 – 100 | Color Parameter #6 |
| 8 | 0 – 255 | 0 – 100 | Color Parameter #7 |
| 9 | 0 – 255 | 0 – 100 | Color Parameter #8 |
| 10 | 0 – 255 | 0 – 100 | Color Parameter #9 |
| 11 | 0 – 255 | 0 – 100 | Color Parameter #10 |
| 12 | Mode Selection | | |
| | 0 – 12 | 0 – 4 | #1 CCT |
| | 13 – 25 | 5 – 9 | #2 HSI |
| | 26 - 38 | 10 - 14 | #3 RGBWW |
| | 39 – 50 | 15 - 19 | #4 x y Coordinate Mode |
| | 51 - 63 | 20 - 24 | #5 CCT / HSI |
| | 64 - 76 | 25 - 29 | #6 CCT / RGBWW |
| | 77 - 89 | 30 - 34 | #7 CCT / x y Coordinate Mode |
| | 90 - 101 | 35 - 39 | #8 GEL |
| | 102 - 114 | 40 - 44 | #9 Effect |
| 115 - 255 | 45 - 100 | Reserved for future use | |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| | | | |
|----|-------------|----------|-----------------------------------|
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #1 CCT Mode | | | |
|-------------|----------------------------|----------|-----------------------------------|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 12 | Mode Selection | | |
| | 0 – 12 | 0 – 4 | #1 CCT |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #2 HSI Mode | | | |
|-------------|------------------|-------------------------|-----------------------------------|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 3 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 12 | Mode Selection | | |
| | 13 – 25 | 5 – 9 | #2 H S I |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #3 RGBWW Mode | | | |
|---------------|------------------|----------|-----------------------------------|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Adjust Red Color intensity |
| 3 | 0 – 255 | 0 – 100 | Adjust Green Color intensity |
| 4 | 0 – 255 | 0 – 100 | Adjust Blue Color intensity |
| 5 | 0 – 255 | 0 – 100 | Adjust Warm White Color intensity |
| 6 | 0 – 255 | 0 – 100 | Adjust Cold White Color intensity |
| 12 | Mode Selection | | |
| | 26 - 38 | 10 - 14 | #3 RGBWW |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #4 x y Coordinate Mode | | | |
|------------------------|------------------|-------------------------|-----------------------------------|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | x Coordinate (0.0 – 0.8) |
| 3 | 0 – 255 | 0 – 100 | y Coordinate (0.0 – 0.8) |
| 12 | Mode Selection | | |
| | 39 – 50 | 15 - 19 | #4 x y Coordinate Mode |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #5 CCT/ HSI Mode | | | |
|------------------|----------------------------|----------|---|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 4 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 5 | 0 – 255 | 0 – 100 | Adjust HUE (0~359) |
| 6 | 0 – 255 | 0 – 100 | Adjust Saturation (0~100%) |
| 12 | Mode Selection | | |
| | 51 - 63 | 20 - 24 | #5 CCT / HSI |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #6 CCT / RGBWW Mode | | | |
|---------------------|----------------------------|-------------------------|---|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 4 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 5 | 0 – 255 | 0 – 100 | Adjust Red Color intensity |
| 6 | 0 – 255 | 0 – 100 | Adjust Green Color intensity |
| 7 | 0 – 255 | 0 – 100 | Adjust Blue Color intensity |
| 8 | 0 – 255 | 0 – 100 | Adjust Warm White Color intensity |
| 9 | 0 – 255 | 0 – 100 | Adjust Cold White Color intensity |
| 12 | Mode Selection | | |
| | 64 - 76 | 25 - 29 | #6 CCT / RGBWW |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #7 CCT/ xy Coordinate Mode | | | |
|----------------------------|----------------------------|----------|---|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | 0 – 255 | 0 – 100 | Color Temp. (2700K~10000K) |
| 3 | Green / Magenta Adjustment | | |
| | 0~10 | 0~4 | neutral / no effect |
| | 11~20 | 5~8 | full minus green |
| | 21~119 | 9~46 | -99% --> -1% |
| | 120~145 | 47~57 | neutral / no effect |
| | 146~244 | 58~96 | 1% --> 99% |
| | 245~255 | 97~100 | full plus green |
| 4 | 0 – 255 | 0 – 100 | Color Change Coefficient White --> Color |
| 5 | 0 – 255 | 0 – 100 | x Coordinate (0.0 – 0.8) |
| 6 | 0 – 255 | 0 – 100 | y Coordinate (0.0 – 0,8) |
| 12 | Mode Selection | | |
| | 77 - 89 | 30 - 34 | #7 CCT / x y Coordinate Mode |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #8 Gel Mode | | | |
|-------------|----------------|----------|---|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | | | Master Intensity |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | CCT Selection | | |
| | 0 – 127 | 0 – 50 | 3.200 K |
| | 128 – 255 | 51 – 100 | 5.600 K |
| 3 | Filter Class | | |
| | 0 – 12 | 0 – 4 | CTB under Color Correction |
| | 13 – 25 | 5 – 9 | CTO under Color Correction |
| | 26 – 38 | 10 – 14 | CTS under Color Correction |
| | 39 – 50 | 15 – 19 | +/- Green under Color Correction |
| | 51 – 61 | 20 – 24 | Misc under Color Correction |
| | 62 – 127 | 25 – 49 | Reserved |
| | 128 – 140 | 50 – 54 | Red under Color Filter |
| | 141 – 152 | 55 – 59 | Orange under Color Filter |
| | 153 – 165 | 60 – 64 | Yellow under Color Filter |
| | 166 – 178 | 65 – 69 | Green under Color Filter |
| | 179 – 191 | 70 – 74 | Blue under Color Filter |
| | 192 – 203 | 75 – 79 | Purple under Color Filter |
| | 204 – 255 | 80 – 100 | Reserved |
| 4 | 0 – 255 | 0 – 100 | Filter Code (Please refer Mode 16 for detail filter code) |
| 12 | Mode Selection | | |
| | 90 - 101 | 35 - 39 | #8 GEL |
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| #9 Effect Mode | | | |
|----------------|------------------|-------------------------|----------------------------|
| DMX Channel | Value 8 bit | Percent | Function |
| 1 | Master Intensity | | |
| | 0 – 255 | 0 – 100 | 0 % (closed) → 100% (open) |
| 2 | Effect Selection | | |
| | 0 – 9 | 0 – 4 | No Effect |
| | 10 – 19 | 5 – 7 | Party |
| | 20 – 29 | 8 – 11 | Candle |
| | 30 – 39 | 12 – 15 | Clouds Passing |
| | 40 – 49 | 16 – 19 | Club |
| | 50 – 59 | 20 – 23 | Color Chase |
| | 60 – 69 | 24 – 27 | Explosion |
| | 70 – 79 | 28 – 31 | Fire |
| | 80 – 89 | 32 – 35 | Fireworks |
| | 90 – 99 | 36 – 39 | Flu.Flicker |
| | 100 – 109 | 40 – 43 | Lightning |
| | 110 – 119 | 44 – 47 | Paparazzi |
| | 120 – 129 | 48 – 51 | Police Car |
| | 130 – 139 | 52 – 55 | Process |
| | 140 – 149 | 56 – 58 | Pulsing |
| | 150 – 159 | 59 – 62 | Strobe |
| | 160 – 169 | 63 – 66 | TV |
| 170 – 179 | 67 – 70 | Welding | |
| 180 - 255 | 71 - 100 | Reserved for future use | |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| | | | |
|----|----------------|---------|---|
| 3 | 0 – 255 | 0 – 100 | Effect Parameter 1 (Please refer Mode 20 for detail setting) |
| 4 | 0 – 255 | 0 – 100 | Effect Parameter 2 (Please refer Mode 20 for detail setting) |
| 5 | 0 – 255 | 0 – 100 | Effect Parameter 3 (Please refer Mode 20 for detail setting) |
| 6 | 0 – 255 | 0 – 100 | Effect Parameter 4 (Please refer Mode 20 for detail setting) |
| 7 | 0 – 255 | 0 – 100 | Effect Parameter 5 (Please refer Mode 20 for detail setting) |
| 8 | 0 – 255 | 0 – 100 | Effect Parameter 6 (Please refer Mode 20 for detail setting) |
| 9 | 0 – 255 | 0 – 100 | Effect Parameter 7 (Please refer Mode 20 for detail setting) |
| 10 | 0 – 255 | 0 – 100 | Effect Parameter 8 (Please refer Mode 20 for detail setting) |
| 11 | 0 – 255 | 0 – 100 | Effect Parameter 9 (Please refer Mode 20 for detail setting) |
| 12 | Mode Selection | | |
| | 102 - 114 | 40 - 44 | #9 Effect |

Mode 22 :Ultimate DMX Protocol, 8 bit resolution per function

| | | | |
|----|-------------|----------|-----------------------------------|
| 13 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Filmgear LED Lights DMX Chart for Aurora RGB Panel

V1.7.2 or +

Manufacture ID: 0x4142

| | | |
|-----------|----------------|--------|
| Model ID: | Aurora V1 200C | 0x0202 |
| | Aurora V1 400C | 0x0201 |
| | Aurora V2 220C | 0x0211 |
| | Aurora V2 450C | 0x0212 |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| DMX Channel | Value | Percent | Function |
|-------------|------------------|---------|----------------------------|
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #1 |
| 4 (Lo) | | | |
| 5 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #2 |
| 6 (Lo) | | | |
| 7 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #3 |
| 8 (Lo) | | | |
| 9 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #4 |
| 10 (Lo) | | | |
| 11 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #5 |
| 12 (Lo) | | | |
| 13 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #6 |
| 14 (Lo) | | | |
| 15 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #7 |
| 16 (Lo) | | | |
| 17 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #8 |
| 18 (Lo) | | | |
| 19 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #9 |
| 20 (Lo) | | | |
| 21 (Hi) | 0 – 65535 | 0 – 100 | Color Parameter #10 |
| 22 (Lo) | | | |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| | | | |
|-----------|----------------|-------------------------|------------------------------|
| 23 | Mode Selection | | |
| | 0 – 12 | 0 – 4 | #1 CCT |
| | 13 – 25 | 5 – 9 | #2 HSI |
| | 26 - 38 | 10 - 14 | #3 RGBWW |
| | 39 – 50 | 15 - 19 | #4 x y Coordinate Mode |
| | 51 - 63 | 20 - 24 | #5 CCT / HSI |
| | 64 - 76 | 25 - 29 | #6 CCT / RGBWW |
| | 77 - 89 | 30 - 34 | #7 CCT / x y Coordinate Mode |
| | 90 - 101 | 35 - 39 | #8 GEL |
| | 102 - 114 | 40 - 44 | #9 Effect |
| 115 - 255 | 45 - 100 | Reserved for future use | |

| | | | |
|-----------|-------------|-------------------------|-----------------------------------|
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #1 CCT Mode | | | |
|-------------|----------------------------|----------------|-----------------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (Lo) | | | |
| 5 (Hi) | Green / Magenta Adjustment | | |
| 6 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| 23 | 0 – 12 | Mode Selection | |
| | | 0 – 4 | #1 CCT |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #2 HSI Mode | | | |
|-------------|------------------|----------|-----------------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 – 65535 | 0 – 100 | Adjust HUE (0~359) |
| 4 (Lo) | | | |
| 5 (Hi) | 0 – 65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 6 (Lo) | | | |
| 23 | Mode Selection | | |
| | 13 – 25 | 5 – 9 | #2 H S I |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #3 RGBWW Mode | | | |
|---------------|------------------|----------|-----------------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | | | |
| 3 (Hi) | 0 – 65535 | 0 – 100 | Adjust Red Color intensity |
| 4 (Lo) | | | |
| 5 (Hi) | 0 – 65535 | 0 – 100 | Adjust Green Color intensity |
| 6 (Lo) | | | |
| 7 (Hi) | 0 – 65535 | 0 – 100 | Adjust Blue Color intensity |
| 8 (Lo) | | | |
| 9 (Hi) | 0 – 65535 | 0 – 100 | Adjust Warm White Color intensity |
| 10 (Lo) | | | |
| 11 (Hi) | 0 – 65535 | 0 – 100 | Adjust Cold White Color intensity |
| 12 (Lo) | | | |
| 23 | Mode Selection | | |
| | 26 - 38 | 10 - 14 | #3 RGBWW |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #4 x y Coordinate Mode | | | |
|------------------------|------------------|----------|-----------------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 – 65535 | 0 – 100 | x Coordinate (0.0 – 0.8) |
| 4 (Lo) | | | |
| 5 (Hi) | 0 – 65535 | 0 – 100 | y Coordinate (0.0 – 0,8) |
| 6 (Lo) | | | |
| 23 | Mode Selection | | |
| | 39 – 50 | 15 - 19 | #4 x y Coordinate Mode |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #5 CCT/ HSI Mode | | | |
|------------------|----------------------------|----------|-----------------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 –65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (Lo) | | | |
| 5 (Hi) | Green / Magenta Adjustment | | |
| 6 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| 7 (Hi) | 0 –65535 | 0 – 100 | Color Change Coefficient |
| 8 (Lo) | | | White --> Color |
| 9 (Hi) | 0 –65535 | 0 – 100 | Adjust HUE (0~359) |
| 10 (Lo) | | | |
| 11 (Hi) | 0 –65535 | 0 – 100 | Adjust Saturation (0~100%) |
| 12 (Lo) | | | |
| 23 | Mode Selection | | |
| | 51 - 63 | 20 - 24 | #5 CCT / HSI |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #6 CCT / RGBWW Mode | | | |
|---------------------|----------------------------|----------|---|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 – 65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (Lo) | | | |
| 5 (Hi) | Green / Magenta Adjustment | | |
| 6 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| 7 (Hi) | 0 – 65535 | 0 – 100 | Color Change Coefficient White --> Color |
| 8 (Lo) | | | |
| 9 (Hi) | 0 – 65535 | 0 – 100 | Adjust Red Color intensity |
| 10 (Lo) | | | |
| 11 (Hi) | 0 – 65535 | 0 – 100 | Adjust Green Color intensity |
| 12 (Lo) | | | |
| 13 (Hi) | 0 – 65535 | 0 – 100 | Adjust Blue Color intensity |
| 14 (Lo) | | | |
| 15 (Hi) | 0 – 65535 | 0 – 100 | Adjust Warm White Color intensity |
| 16 (Lo) | | | |
| 17 (Hi) | 0 – 65535 | 0 – 100 | Adjust Cold White Color intensity |
| 18 (Lo) | | | |
| 23 | Mode Selection | | |
| | 64 - 76 | 25 - 29 | #6 CCT / RGBWW |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #7 CCT/ xy Coordinate Mode | | | |
|----------------------------|----------------------------|----------|-----------------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 (Hi) | 0 –65535 | 0 – 100 | Color Temp. (2700K~10000K) |
| 4 (Lo) | | | |
| 5 (Hi) | Green / Magenta Adjustment | | |
| 6 (Lo) | 0~5000 | 0~7 | neutral / no effect |
| | 5001~10000 | 8~15 | full minus green |
| | 10001~29999 | 16~46 | -99% --> -1% |
| | 30000~40000 | 47~61 | neutral / no effect |
| | 40001~59999 | 62~92 | 1% --> 99% |
| | 60000~65535 | 93~100 | full plus green |
| 7 (Hi) | 0 –65535 | 0 – 100 | Color Change Coefficient |
| 8 (Lo) | | | White --> Color |
| 9 (Hi) | 0 –65535 | 0 – 100 | x Coordinate (0.0 – 0.8) |
| 10 (Lo) | | | |
| 11 (Hi) | 0 –65535 | 0 – 100 | y Coordinate (0.0 – 0,8) |
| 12 (Lo) | | | |
| 23 | Mode Selection | | |
| | 77 - 89 | 30 - 34 | #7 CCT / x y Coordinate Mode |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #8 Gel Mode | | | |
|-------------|------------------|-------------------------|---|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 | CCT Selection | | |
| | 0 – 127 | 0 – 50 | 3.200 K |
| | 128 – 255 | 51 – 100 | 5.600 K |
| 4 | Filter Class | | |
| | 0 – 12 | 0 – 4 | CTB under Color Correction |
| | 13 – 25 | 5 – 9 | CTO under Color Correction |
| | 26 – 38 | 10 – 14 | CTS under Color Correction |
| | 39 – 50 | 15 – 19 | +/- Green under Color Correction |
| | 51 – 61 | 20 – 24 | Misc under Color Correction |
| | 62 – 127 | 25 – 49 | Reserved |
| | 128 – 140 | 50 – 54 | Red under Color Filter |
| | 141 – 152 | 55 – 59 | Orange under Color Filter |
| | 153 – 165 | 60 – 64 | Yellow under Color Filter |
| | 166 – 178 | 65 – 69 | Green under Color Filter |
| | 179 – 191 | 70 – 74 | Blue under Color Filter |
| | 192 – 203 | 75 – 79 | Purple under Color Filter |
| 204 – 255 | 80 – 100 | Reserved | |
| 5 | 0 – 255 | 0 – 100 | Filter Code (Please refer Mode 17 for detail filter code) |
| 23 | Mode Selection | | |
| | 90 - 101 | 35 - 39 | #8 GEL |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| 250 – 255 | 98 – 100 | Reserved for future use | |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| #9 Effect Mode | | | |
|----------------|------------------|-------------------------|----------------------------|
| DMX Channel | Value 8/16 bit | Percent | Function |
| 1 (Hi) | Master Intensity | | |
| 2 (Lo) | 0 – 65535 | 0 – 100 | 0 % (closed) → 100% (open) |
| 3 | Effect Selection | | |
| | 0 – 9 | 0 – 4 | No Effect |
| | 10 – 19 | 5 – 7 | Party |
| | 20 – 29 | 8 – 11 | Candle |
| | 30 – 39 | 12 – 15 | Clouds Passing |
| | 40 – 49 | 16 – 19 | Club |
| | 50 – 59 | 20 – 23 | Color Chase |
| | 60 – 69 | 24 – 27 | Explosion |
| | 70 – 79 | 28 – 31 | Fire |
| | 80 – 89 | 32 – 35 | Fireworks |
| | 90 – 99 | 36 – 39 | Flu.Flicker |
| | 100 – 109 | 40 – 43 | Lightning |
| | 110 – 119 | 44 – 47 | Paparazzi |
| | 120 – 129 | 48 – 51 | Police Car |
| | 130 – 139 | 52 – 55 | Process |
| | 140 – 149 | 56 – 58 | Pulsing |
| | 150 – 159 | 59 – 62 | Strobe |
| 160 – 169 | 63 – 66 | TV | |
| 170 – 179 | 67 – 70 | Welding | |
| 180 - 255 | 71 - 100 | Reserved for future use | |
| 4 | | | Reserved for future use |

Mode 23 :Ultimate DMX Protocol, 16 bit resolution per function

| | | | |
|---------|---------------------|----------|---|
| 5 (Hi) | Effect Parameter #1 | | |
| 6 (Lo) | 0 – 65535 | 0 – 100 | Para#1 (Please refer Mode 21 for detail setting) |
| 7 (Hi) | Effect Parameter #2 | | |
| 8 (Lo) | 0 – 65535 | 0 – 100 | Para #2 (Please refer Mode 21 for detail setting) |
| 9 (Hi) | Effect Parameter #3 | | |
| 10 (Lo) | 0 – 65535 | 0 – 100 | Para #3 (Please refer Mode 21 for detail setting) |
| 11 (Hi) | Effect Parameter #4 | | |
| 12 (Lo) | 0 – 65535 | 0 – 100 | Para #4 (Please refer Mode 21 for detail setting) |
| 13 (Hi) | Effect Parameter #5 | | |
| 14 (Lo) | 0 – 65535 | 0 – 100 | Para #5 (Please refer Mode 21 for detail setting) |
| 15 (Hi) | Effect Parameter #6 | | |
| 16 (Lo) | 0 – 65535 | 0 – 100 | Para #6 (Please refer Mode 21 for detail setting) |
| 17 (Hi) | Effect Parameter #7 | | |
| 18 (Lo) | 0 – 65535 | 0 – 100 | Para #7 (Please refer Mode 21 for detail setting) |
| 19 (Hi) | Effect Parameter #8 | | |
| 20 (Lo) | 0 – 65535 | 0 – 100 | Para #8 (Please refer Mode 21 for detail setting) |
| 21 (Hi) | Effect Parameter #9 | | |
| 22 (Lo) | 0 – 65535 | 0 – 100 | Para #9 (Please refer Mode 21 for detail setting) |
| 23 | Mode Selection | | |
| | 102 - 114 | 40 - 44 | #9 Effect |
| 24 | Fan control | | |
| | 0 – 9 | 0 – 3 | As Fixture Setting |
| | 10 – 49 | 4 - 19 | Quiet Mode |
| | 50 – 99 | 20 - 39 | Auto Mode |
| | 100 - 150 | 40 - 59 | Variable |
| | 151 – 175 | 60 – 68 | Full Speed |
| | 176 - 200 | 69 – 78 | Full Speed but Limited Output 80% |
| | 201 - 225 | 79 – 88 | Full Speed but Limited Output 60% |
| | 226 - 249 | 89 – 97 | Full Speed but Limited Output 40% |
| | 250 – 255 | 98 – 100 | Reserved for future use |