

# SkyPanel X DMX Protocol V6.0

TECHNICAL INFORMATION

December 2023 • 1.0 • English

L5.0049852



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# 1 About this Document

For more details about the product, please refer to the ARRI website at:

[SkyPanel X product page](#)



Searchkeys: SkyPanel X, L1.0048487

[ARRI documentation portal](#)



## Document Revision History

Document ID: L5.0049852

Version	Release	Date	Note
1.0		December 2023	First Release
0.8		September 2023	Preliminary

## 2 DMX Protocol Version 6.0

### 2.1 DMX Mode List

Mode	Description	Used DMX Channel	Version
Mode 1*	Legacy CCT & RGBW, 8 Bit [▶ 5]	12	V6.0
Mode 2**	Legacy CCT & RGBW, 16 Bit [▶ 5]	20	V6.0
Mode 3	Standard (Ultimate) [▶ 6]	20	V6.0
Mode 4	Extended (Ultimate) [▶ 7]	27	V6.0
Mode 5	Extended Bi Mode (Ultimate) [▶ 9]	42	V6.0
Mode 6	8 Zone RGB, 8 Bit [▶ 11]	37	V6.0
Mode 7	16 Zone RGB, 8 Bit [▶ 13]	61	V6.0
Mode 8	24 Zone RGB, 8 Bit [▶ 17]	85	V6.0
Mode 9	8 Zone CCT & RGB calibrated, 16 Bit [▶ 21]	108	V6.0
Mode 10	8 Zone CCT & RGBACL, 16 Bit [▶ 24]	156	V6.0

\* compatible with S60-C Mode 1

\*\* compatible with S60-C Mode 6

### 2.2 Legacy CCT & RGBW

Note: 8 bit mode is compatible with S60-C Mode 1.

16 Bit Mode is compatible with S60-C Mode 6.

DMX Cannel No. 8 bit	DMX Channel No. 16 bit	Value 8 bit	Value 16 bit	Percent	Function
1	1/2	0 – 255	0 – 65.535	0 – 100	<b>Master Dimmer</b> closed → open
2	3/4	0 – 255	0 – 65.535	0 – 100	<b>Color Temperature CCT</b> 2.800 K → 10.000 K Note: The CCT is taken for the white point, when cross fading is at "RGBW" Color
3	5/6	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 – 65.535	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green –99% → –1% neutral / no effect 1% → 99% full plus green Note: The Green / Magenta Point is taken for the white point, when cross fading is at "RGBW" Color
4	7/8	0 – 255	0 – 65.535	0 – 100	<b>Cross Fade to Color</b> White → RGBW color
5	9/10	0 – 255	0 – 65.535	0 – 100	<b>Intensity red</b> 0% → 100%

DMX Channel No. 8 bit	DMX Channel No. 16 bit	Value 8 bit	Value 16 bit	Percent	Function
6	11/12	0 – 255	0 – 65.535	0 – 100	<b>Intensity green</b> 0% → 100%
7	13/14	0 – 255	0 – 65.535	0 – 100	<b>Intensity blue</b> 0% → 100%
8	15/16	0 – 255	0 – 65.535	0 – 100	<b>Intensity white</b> 0% → 100%
9	17	0 – 255	0 – 255	0 – 100	Fan Control [▶ 28]
10	18	0 – 255	0 – 255	0 – 100	Effects [▶ 29]
11	19	0 – 255	0 – 255	0 – 100	Light Strobe [▶ 36]
12	20	0 – 255	0 – 255	0 – 100	Control [▶ 39]

### 2.3 Standard Ultimate Mode

DMX Channel No.	Value	Percent	Function
1	0 – 255	0 – 100	<b>Master Dimmer</b> closed → open
2/3	0 – 65.535	0 – 100	<b>Master CCT</b> 1.500 K → 20.000 K Establishes white point of "RGB & CCT" and "HSI & CCT"
4	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green –99% → –1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment, for both "RGB & CCT" and "HSI & CCT" modes.
5	0 - 9 10 - 19 20 - 29 30 - 39 40 - 255	0 - 4 5 - 7 8 - 11 12 - 15 16 - 100	<b>Color Mode Selection</b> RGB & CCT HSI & CCT XY Coordinates RAW RGBACL (not calibrated) Reserved
6	0 – 255	0 – 100	<b>Intensity red</b> 0% → 100% Red (RGB & CCT Color Mode) Red (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated

DMX Channel No.	Value	Percent	Function
7	0 – 255	0 – 100	<b>Intensity green</b> 0% → 100% Green (RGB & CCT Color Mode) Green (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
8	0 – 255	0 – 100	<b>Intensity blue</b> 0% → 100% Blue (RGB & CCT Color Mode) Blue (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
9	0 – 255	0 – 100	<b>Color Parameter 4</b> 0% → 100% Hue x coordinate Amber (RAW RGBACL Color Mode)
10	0 – 255	0 – 100	<b>Color Parameter 5</b> 0% → 100% Saturation y coordinate Cyan (RAW RGBACL Color Mode)
11	0 – 255	0 – 100	<b>Color Parameter 6</b> 0% → 100% Lime (RAW RGBACL Color Mode)
12	0 – 255	0 – 100	Effect Selection [▶ 29]
13/14	0 – 65.535	0 – 100	Gel Selection [▶ 40]
15	0 – 255	0 – 100	Dimming Curve [▶ 52]
16	0 - 9 10 - 255	0 - 4 5 - 100	Light Strobe Duration [▶ 36]
17	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
18	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
19	0 – 255	0 – 100	Fan Control [▶ 28]
20	0 – 255	0 – 100	Control [▶ 39]

## 2.4 Extended Ultimate Mode

DMX Channel No.	Value	Percent	Function
1/2	0 – 65.535	0 – 100	<b>Master Dimmer</b> closed → open
3/4	0 – 65.535	0 – 100	<b>Master CCT</b> 1.500 K → 20.000 K Establishes white point of "RGB & CCT" and "HSI & CCT"

DMX Channel No.	Value	Percent	Function
5	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green -99% → -1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment, for both "RGB & CCT" and "HSI & CCT" modes.
6	0 - 9 10 - 19 20 - 29 30 - 39 40 - 255	0 - 4 5 - 7 8 - 11 12 - 15 16 - 100	<b>Color Mode Selection</b> RGB & CCT HSI & CCT XY Coordinates RAW RGBACL (not calibrated) Reserved
7/8	0 – 65.535	0 – 100	<b>Intensity red</b> 0% → 100% Red (RGB & CCT Color Mode) Red (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
9/10	0 – 65.535	0 – 100	<b>Intensity green</b> 0% → 100% Green (RGB & CCT Color Mode) Green (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
11/12	0 – 65.535	0 – 100	<b>Intensity blue</b> 0% → 100% Blue (RGB & CCT Color Mode) Blue (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
13/14	0 – 65.535	0 – 100	<b>Color Parameter 4</b> 0% → 100% Hue x coordinate Amber (RAW RGBACL Color Mode)
15/16	0 – 65.535	0 – 100	<b>Color Parameter 5</b> 0% → 100% Saturation y coordinate Cyan (RAW RGBACL Color Mode)



DMX Channel No.	Value	Percent	Function
17/18	0 – 65.535	0 – 100	<b>Color Parameter 6</b> 0% → 100% Lime (RAW RGBACL Color Mode)
19	0 – 255	0 – 100	Effect Selection [▶ 29]
20/21	0 – 65.535	0 – 100	Gel Selection [▶ 40]
22	0 – 255	0 – 100	Dimming Curve [▶ 52]
23	0 - 9 10 - 255	0 - 4 5 - 100	Light Strobe Duration [▶ 36]
24	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
25	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
26	0 – 255	0 – 100	Fan Control [▶ 28]
27	0 – 255	0 – 100	Control [▶ 39]

## 2.5 Extended Bi Ultimate Mode

DMX Channel No.	Value	Percent	Function
1/2	0 – 65.535	0 – 100	<b>Master Dimmer</b> closed → open
3/4	0 – 65.535	0 – 100	<b>Master CCT</b> 1.500 K → 20.000 K Establishes white point of "RGB & CCT" and "HSI & CCT"
5	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green –99% → –1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment, for both "RGB & CCT" and "HSI & CCT" modes.
6	0 - 9 10 - 19 20 - 29 30 - 39 40 - 255	0 - 4 5 - 7 8 - 11 12 - 15 16 - 100	<b>Mode 1 - Color Mode Selection</b> RGB & CCT HSI & CCT XY Coordinates RAW RGBACL (not calibrated) Reserved
7/8	0 – 65.535	0 – 100	<b>Mode 1 - Intensity red</b> 0% → 100% Red (RGB & CCT Color Mode) Red (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated

DMX Channel No.	Value	Percent	Function
9/10	0 – 65.535	0 – 100	<b>Mode 1 - Intensity green</b> 0% → 100% Green (RGB & CCT Color Mode) Green (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
11/12	0 – 65.535	0 – 100	<b>Mode 1 - Intensity blue</b> 0% → 100% Blue (RGB & CCT Color Mode) Blue (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
13/14	0 – 65.535	0 – 100	<b>Mode 1 - Color Parameter 4</b> 0% → 100% Hue x coordinate Amber (RAW RGBACL Color Mode)
15/16	0 – 65.535	0 – 100	<b>Mode 1 - Color Parameter 5</b> 0% → 100% Saturation y coordinate Cyan (RAW RGBACL Color Mode)
17/18	0 – 65.535	0 – 100	<b>Mode 1 - Color Parameter 6</b> 0% → 100% Lime (RAW RGBACL Color Mode)
19/20	0 – 65.535	0 – 100	<b>Cross Fade</b> Mode 1 → Mode 2
21	0 - 9 10 - 19 20 - 29 30 - 39 40 - 255	0 - 4 5 - 7 8 - 11 12 - 15 16 - 100	<b>Mode 2 - Color Mode Selection</b> RGB & CCT HSI & CCT XY Coordinates RAW RGBACL (not calibrated) Reserved
22/23	0 – 65.535	0 – 100	<b>Mode 2 - Intensity red</b> 0% → 100% Red (RGB & CCT Color Mode) Red (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
24/25	0 – 65.535	0 – 100	<b>Mode 2 - Intensity green</b> 0% → 100% Green (RGB & CCT Color Mode) Green (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated

DMX Channel No.	Value	Percent	Function
26/27	0 – 65.535	0 – 100	<b>Mode 2 - Intensity blue</b> 0% → 100% Blue (RGB & CCT Color Mode) Blue (RAW RGBACL Color Mode) No function if "HSI & CCT" or "XY" color modes are activated
28/29	0 – 65.535	0 – 100	<b>Mode 2 - Color Parameter 4</b> 0% → 100% Hue x coordinate Amber (RAW RGBACL Color Mode)
30/31	0 – 65.535	0 – 100	<b>Mode 2 - Color Parameter 5</b> 0% → 100% Saturation y coordinate Cyan (RAW RGBACL Color Mode)
32/33	0 – 65.535	0 – 100	<b>Mode 2 - Color Parameter 6</b> 0% → 100% Lime (RAW RGBACL Color Mode)
34	0 - 255	0 – 100	Effect Selection [▶ 29]
35/36	0 – 65.535	0 – 100	Gel Selection [▶ 40]
37	0 - 255	0 – 100	Dimming Curve [▶ 52]
38	0 - 9 10 - 255	0 - 4 5 - 100	Light Strobe Duration [▶ 36]
39	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
40	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
41	0 – 255	0 – 100	Fan Control [▶ 28]
42	0 - 255	0 – 100	Control [▶ 39]

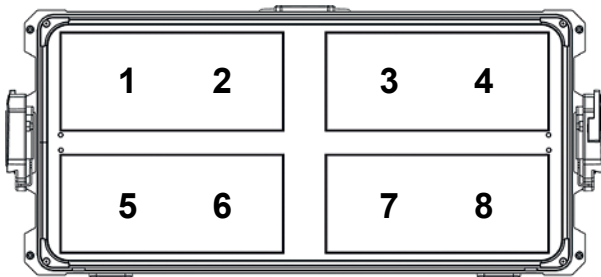
## 2.6 8 Zone Mode RGB

DMX Channel No.	Value	Percent	Function
1	0 – 255	0 – 100	<b>Master Dimmer</b> closed → open
2/3	0 – 65.535	0 – 100	<b>Master CCT</b> 1.500 K → 20.000 K Establishes the white point when R, G, B have equal values.

DMX Channel No.	Value	Percent	Function
4	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green -99% → -1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment.
5	0 - 255	0 - 100	<b>Zone 1 - Red</b> 0% → 100%
6	0 - 255	0 - 100	<b>Zone 1 - Green</b> 0% → 100%
7	0 - 255	0 - 100	<b>Zone 1 - Blue</b> 0% → 100%
8	0 - 255	0 - 100	<b>Zone 2 - Red</b> 0% → 100%
9	0 - 255	0 - 100	<b>Zone 2 - Green</b> 0% → 100%
10	0 - 255	0 - 100	<b>Zone 2 - Blue</b> 0% → 100%
11	0 - 255	0 - 100	<b>Zone 3 - Red</b> 0% → 100%
12	0 - 255	0 - 100	<b>Zone 3 - Green</b> 0% → 100%
13	2 - 255	0 - 100	<b>Zone 3 - Blue</b> 0% → 100%
14	0 - 255	0 - 100	<b>Zone 4 - Red</b> 0% → 100%
15	0 - 255	0 - 100	<b>Zone 4 - Green</b> 0% → 100%
16	0 - 255	0 - 100	<b>Zone 4 - Blue</b> 0% → 100%
17	0 - 255	0 - 100	<b>Zone 5 - Red</b> 0% → 100%
18	0 - 255	0 - 100	<b>Zone 5 - Green</b> 0% → 100%
19	0 - 255	0 - 100	<b>Zone 5 - Blue</b> 0% → 100%
20	0 - 255	0 - 100	<b>Zone 6 - Red</b> 0% → 100%
21	0 - 255	0 - 100	<b>Zone 6 - Green</b> 0% → 100%
22	0 - 255	0 - 100	<b>Zone 6 - Blue</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
23	0 - 255	0 – 100	<b>Zone 7 – Red</b> 0% → 100%
24	0 - 255	0 – 100	<b>Zone 7 - Green</b> 0% → 100%
25	0 - 255	0 – 100	<b>Zone 7 - Blue</b> 0% → 100%
26	0 - 255	0 – 100	<b>Zone 8 – Red</b> 0% → 100%
27	0 - 255	0 – 100	<b>Zone 8 - Green</b> 0% → 100%
28	0 - 255	0 – 100	<b>Zone 8 - Blue</b> 0% → 100%
29	0 - 255	0 – 100	Effect Selection [▶ 29]
30/31	0 – 65.535	0 – 100	Gel Selection [▶ 40]
32	0 - 255	0 – 100	Dimming Curve [▶ 52]
33	0 - 255	0 – 100	Light Strobe Duration [▶ 36]
34	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
35	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
36	0 – 255	0 – 100	Fan Control [▶ 28]
37	0 - 255	0 – 100	Control [▶ 39]

Zone definition (seen from the front of the fixture):



## 2.7 16 Zone Mode RGB

DMX Channel No.	Value	Percent	Function
1	0 – 255	0 – 100	<b>Master Dimmer</b> closed → open
2/3	0 – 65.535	0 – 100	<b>Master CCT</b> 1.500 K → 20.000 K Establishes the white point when R, G, B have equal values.

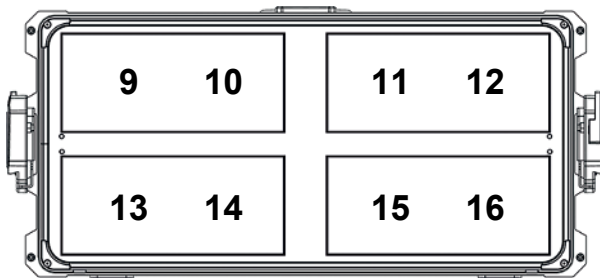
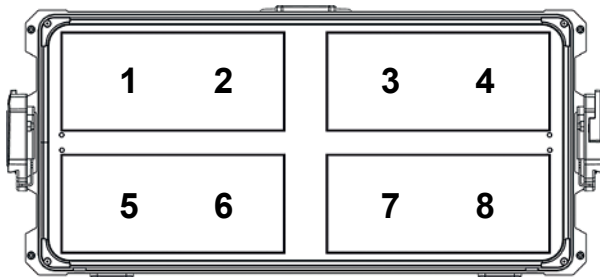
DMX Channel No.	Value	Percent	Function
4	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green -99% → -1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment.
5	0 - 255	0 - 100	<b>Zone 1 - Red</b> 0% → 100%
6	0 - 255	0 - 100	<b>Zone 1 - Green</b> 0% → 100%
7	0 - 255	0 - 100	<b>Zone 1 - Blue</b> 0% → 100%
8	0 - 255	0 - 100	<b>Zone 2 - Red</b> 0% → 100%
9	0 - 255	0 - 100	<b>Zone 2 - Green</b> 0% → 100%
10	0 - 255	0 - 100	<b>Zone 2 - Blue</b> 0% → 100%
11	0 - 255	0 - 100	<b>Zone 3 - Red</b> 0% → 100%
12	0 - 255	0 - 100	<b>Zone 3 - Green</b> 0% → 100%
13	2 - 255	0 - 100	<b>Zone 3 - Blue</b> 0% → 100%
14	0 - 255	0 - 100	<b>Zone 4 - Red</b> 0% → 100%
15	0 - 255	0 - 100	<b>Zone 4 - Green</b> 0% → 100%
16	0 - 255	0 - 100	<b>Zone 4 - Blue</b> 0% → 100%
17	0 - 255	0 - 100	<b>Zone 5 - Red</b> 0% → 100%
18	0 - 255	0 - 100	<b>Zone 5 - Green</b> 0% → 100%
19	0 - 255	0 - 100	<b>Zone 5 - Blue</b> 0% → 100%
20	0 - 255	0 - 100	<b>Zone 6 - Red</b> 0% → 100%
21	0 - 255	0 - 100	<b>Zone 6 - Green</b> 0% → 100%
22	0 - 255	0 - 100	<b>Zone 6 - Blue</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
23	0 - 255	0 – 100	<b>Zone 7 – Red</b> 0% → 100%
24	0 - 255	0 – 100	<b>Zone 7 - Green</b> 0% → 100%
25	0 - 255	0 – 100	<b>Zone 7 - Blue</b> 0% → 100%
26	0 - 255	0 – 100	<b>Zone 8 – Red</b> 0% → 100%
27	0 - 255	0 – 100	<b>Zone 8 - Green</b> 0% → 100%
28	0 - 255	0 – 100	<b>Zone 8 - Blue</b> 0% → 100%
29	0 – 255	0 – 100	<b>Zone 9 - Red</b> 0% → 100%
30	0 – 255	0 – 100	<b>Zone 9 - Green</b> 0% → 100%
31	0 – 255	0 – 100	<b>Zone 9 - Blue</b> 0% → 100%
32	0 – 255	0 – 100	<b>Zone 10 - Red</b> 0% → 100%
33	0 – 255	0 – 100	<b>Zone 10 - Green</b> 0% → 100%
34	0 – 255	0 – 100	<b>Zone 10 - Blue</b> 0% → 100%
35	0 – 255	0 – 100	<b>Zone 11 - Red</b> 0% → 100%
36	0 – 255	0 – 100	<b>Zone 11 - Green</b> 0% → 100%
37	0 – 255	0 – 100	<b>Zone 11 - Blue</b> 0% → 100%
38	0 – 255	0 – 100	<b>Zone 12 - Red</b> 0% → 100%
39	0 – 255	0 – 100	<b>Zone 12 - Green</b> 0% → 100%
40	0 – 255	0 – 100	<b>Zone 12 - Blue</b> 0% → 100%
41	0 – 255	0 – 100	<b>Zone 13 - Red</b> 0% → 100%
42	0 – 255	0 – 100	<b>Zone 13 - Green</b> 0% → 100%
43	0 – 255	0 – 100	<b>Zone 13 - Blue</b> 0% → 100%
44	0 – 255	0 – 100	<b>Zone 14 - Red</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
45	0 – 255	0 – 100	<b>Zone 14 - Green</b> 0% → 100%
46	0 – 255	0 – 100	<b>Zone 14 - Blue</b> 0% → 100%
47	0 – 255	0 – 100	<b>Zone 15 - Red</b> 0% → 100%
48	0 – 255	0 – 100	<b>Zone 15 - Green</b> 0% → 100%
49	0 – 255	0 – 100	<b>Zone 15 - Blue</b> 0% → 100%
50	0 – 255	0 – 100	<b>Zone 16 - Red</b> 0% → 100%
51	0 – 255	0 – 100	<b>Zone 16 - Green</b> 0% → 100%
52	0 – 255	0 – 100	<b>Zone 16 - Blue</b> 0% → 100%
53	0 - 255	0 – 100	Effect Selection [▶ 29]
54/55	0 – 65.535	0 – 100	Gel Selection [▶ 40]
56	0 - 255	0 – 100	Dimming Curve [▶ 52]
57	0 - 255	0 – 100	Light Strobe Duration [▶ 36]
58	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
59	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
60	0 – 255	0 – 100	Fan Control [▶ 28]
61	0 - 255	0 – 100	Control [▶ 39]

Note: Zone 9 - 16 are available, if a second Stardust fixture is grouped to the main fixture.

Zone definition (seen from the front of the fixture):





## 2.8 24 Zone Mode RGB

DMX Channel No.	Value	Percent	Function
1	0 – 255	0 – 100	<b>Master Dimmer</b> closed → open
2/3	0 – 65.535	0 – 100	<b>Master CCT</b> 1.500 K → 20.000 K Establishes the white point when R, G, B have equal values.
4	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green –99% → –1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment.
5	0 - 255	0 – 100	<b>Zone 1 - Red</b> 0% → 100%
6	0 - 255	0 – 100	<b>Zone1 - Green</b> 0% → 100%
7	0 - 255	0 – 100	<b>Zone 1 - Blue</b> 0% → 100%
8	0 - 255	0 – 100	<b>Zone 2 - Red</b> 0% → 100%
9	0 - 255	0 – 100	<b>Zone 2 - Green</b> 0% → 100%
10	0 - 255	0 – 100	<b>Zone 2 - Blue</b> 0% → 100%
11	0 - 255	0 – 100	<b>Zone 3 - Red</b> 0% → 100%
12	0 - 255	0 – 100	<b>Zone 3 - Green</b> 0% → 100%
13	2 - 255	0 - 100	<b>Zone 3 - Blue</b> 0% → 100%
14	0 - 255	0 – 100	<b>Zone 4 - Red</b> 0% → 100%
15	0 - 255	0 – 100	<b>Zone 4 - Green</b> 0% → 100%
16	0 - 255	0 – 100	<b>Zone 4 - Blue</b> 0% → 100%
17	0 - 255	0 – 100	<b>Zone 5 - Red</b> 0% → 100%
18	0 - 255	0 – 100	<b>Zone 5 - Green</b> 0% → 100%

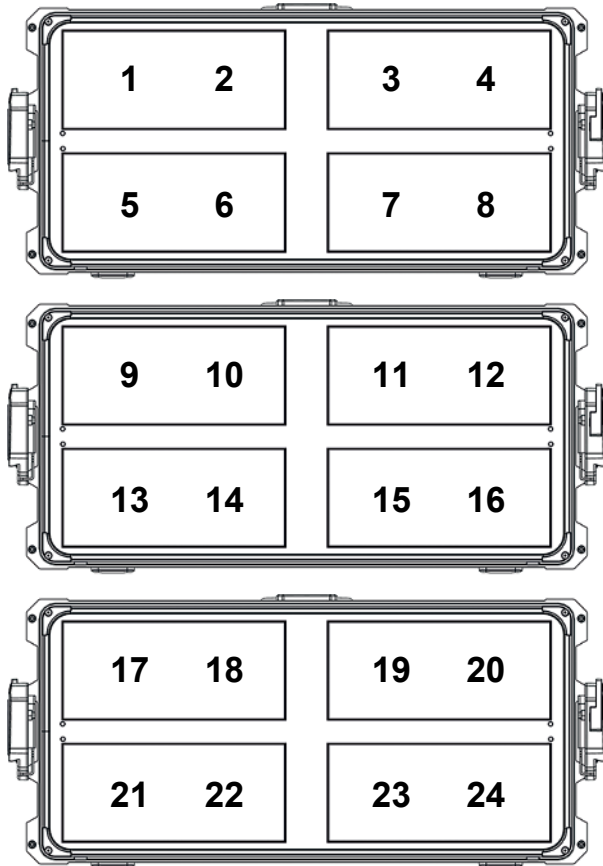
DMX Channel No.	Value	Percent	Function
19	0 – 255	0 – 100	<b>Zone 5 - Blue</b> 0% → 100%
20	0 - 255	0 – 100	<b>Zone 6 - Red</b> 0% → 100%
21	0 - 255	0 – 100	<b>Zone 6 - Green</b> 0% → 100%
22	0 - 255	0 – 100	<b>Zone 6 - Blue</b> 0% → 100%
23	0 - 255	0 – 100	<b>Zone 7 – Red</b> 0% → 100%
24	0 - 255	0 – 100	<b>Zone 7 - Green</b> 0% → 100%
25	0 - 255	0 – 100	<b>Zone 7 - Blue</b> 0% → 100%
26	0 - 255	0 – 100	<b>Zone 8 – Red</b> 0% → 100%
27	0 - 255	0 – 100	<b>Zone 8 - Green</b> 0% → 100%
28	0 - 255	0 – 100	<b>Zone 8 - Blue</b> 0% → 100%
29	0 – 255	0 – 100	<b>Zone 9 - Red</b> 0% → 100%
30	0 – 255	0 – 100	<b>Zone 9 - Green</b> 0% → 100%
31	0 – 255	0 – 100	<b>Zone 9 - Blue</b> 0% → 100%
32	0 – 255	0 – 100	<b>Zone 10 - Red</b> 0% → 100%
33	0 – 255	0 – 100	<b>Zone 10 - Green</b> 0% → 100%
34	0 – 255	0 – 100	<b>Zone 10 - Blue</b> 0% → 100%
35	0 – 255	0 – 100	<b>Zone 11 - Red</b> 0% → 100%
36	0 – 255	0 – 100	<b>Zone 11 - Green</b> 0% → 100%
37	0 – 255	0 – 100	<b>Zone 11 - Blue</b> 0% → 100%
38	0 – 255	0 – 100	<b>Zone 12 - Red</b> 0% → 100%
39	0 – 255	0 – 100	<b>Zone 12 - Green</b> 0% → 100%
40	0 – 255	0 – 100	<b>Zone 12 - Blue</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
41	0 – 255	0 – 100	<b>Zone 13 - Red</b> 0% → 100%
42	0 – 255	0 – 100	<b>Zone 13 - Green</b> 0% → 100%
43	0 – 255	0 – 100	<b>Zone 13 - Blue</b> 0% → 100%
44	0 – 255	0 – 100	<b>Zone 14 - Red</b> 0% → 100%
45	0 – 255	0 – 100	<b>Zone 14 - Green</b> 0% → 100%
46	0 – 255	0 – 100	<b>Zone 14 - Blue</b> 0% → 100%
47	0 – 255	0 – 100	<b>Zone 15 - Red</b> 0% → 100%
48	0 – 255	0 – 100	<b>Zone 15 - Green</b> 0% → 100%
49	0 – 255	0 – 100	<b>Zone 15 - Blue</b> 0% → 100%
50	0 – 255	0 – 100	<b>Zone 16 - Red</b> 0% → 100%
51	0 – 255	0 – 100	<b>Zone 16 - Green</b> 0% → 100%
52	0 – 255	0 – 100	<b>Zone 16 - Blue</b> 0% → 100%
53	0 – 255	0 – 100	<b>Zone 17 - Red</b> 0% → 100%
54	0 – 255	0 – 100	<b>Zone 17 - Green</b> 0% → 100%
55	0 – 255	0 – 100	<b>Zone 17 - Blue</b> 0% → 100%
56	0 – 255	0 – 100	<b>Zone 18 - Red</b> 0% → 100%
57	0 – 255	0 – 100	<b>Zone 18 - Green</b> 0% → 100%
58	0 – 255	0 – 100	<b>Zone 18 - Blue</b> 0% → 100%
59	0 – 255	0 – 100	<b>Zone 19 - Red</b> 0% → 100%
60	0 – 255	0 – 100	<b>Zone 19 - Green</b> 0% → 100%
61	0 – 255	0 – 100	<b>Zone 19 - Blue</b> 0% → 100%
62	0 – 255	0 – 100	<b>Zone 20 - Red</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
63	0 – 255	0 – 100	<b>Zone 20 - Green</b> 0% → 100%
64	0 – 255	0 – 100	<b>Zone 20 - Blue</b> 0% → 100%
65	0 – 255	0 – 100	<b>Zone 21 - Red</b> 0% → 100%
66	0 – 255	0 – 100	<b>Zone 21 - Green</b> 0% → 100%
67	0 – 255	0 – 100	<b>Zone 21 - Blue</b> 0% → 100%
68	0 – 255	0 – 100	<b>Zone 22 - Red</b> 0% → 100%
69	0 – 255	0 – 100	<b>Zone 22 - Green</b> 0% → 100%
70	0 – 255	0 – 100	<b>Zone 22 - Blue</b> 0% → 100%
71	0 – 255	0 – 100	<b>Zone 23 - Red</b> 0% → 100%
72	0 – 255	0 – 100	<b>Zone 23 - Green</b> 0% → 100%
73	0 – 255	0 – 100	<b>Zone 23 - Blue</b> 0% → 100%
74	0 – 255	0 – 100	<b>Zone 24 - Red</b> 0% → 100%
75	0 – 255	0 – 100	<b>Zone 24 - Green</b> 0% → 100%
76	0 – 255	0 – 100	<b>Zone 24 - Blue</b> 0% → 100%
77	0 - 255	0 – 100	Effect Selection [▶ 29]
78/79	0 – 65.535	0 – 100	Gel Selection [▶ 40]
80	0 - 255	0 – 100	Dimming Curve [▶ 52]
81	0 - 255	0 – 100	Light Strobe Duration [▶ 36]
82	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
83	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
84	0 – 255	0 – 100	Fan Control [▶ 28]
85	0 - 255	0 – 100	Control [▶ 39]

Note: Zone 9 - 24 are available, if two other Stardust fixtures are grouped to the main fixture.

Zone definition (seen from the front of the fixture):



## 2.9 8 Zone CCT & RGB Calibrated Mode

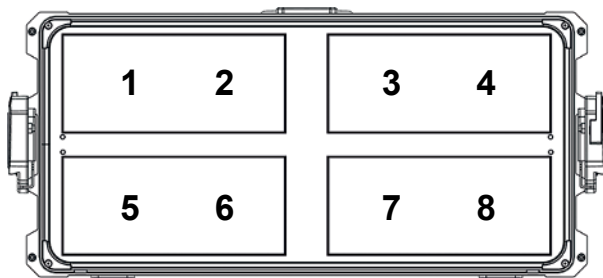
DMX Channel No.	Value	Percent	Function
1/2	0 – 65.535	0 – 100	<b>Master Dimmer</b> closed → open
3	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green –99% → –1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment of all zones at once (CCT, white point (G/M) for RGB color, no effect for GEL)
4/5	0 – 65.535	0 – 100	<b>Zone 1 - Dimmer</b> 0% → 100% Intensity
6/7	0 – 65.535	0 – 100	<b>Zone 1 - CCT</b> 1.500 K → 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
8/9	0 – 65.535	0 – 100	<b>Zone 1 - Cross Fade to Color</b> White → RGB color

DMX Channel No.	Value	Percent	Function
10/11	0 – 65.535	0 – 100	<b>Zone 1 - Red</b> 0% → 100%
12/13	0 – 65.535	0 – 100	<b>Zone1 - Green</b> 0% → 100%
14/15	0 – 65.535	0 – 100	<b>Zone 1 - Blue</b> 0% → 100%
16/17	0 – 65.535	0 – 100	<b>Zone 2 - Dimmer</b> 0% → 100% Intensity
18/19	0 – 65.535	0 – 100	<b>Zone 2 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
20/21	0 – 65.535	0 - 100	<b>Zone 2 - Cross Fade to Color</b> White → RGB color
22/23	0 – 65.535	0 – 100	<b>Zone 2 - Red</b> 0% → 100%
24/25	0 – 65.535	0 – 100	<b>Zone 2 - Green</b> 0% → 100%
26/27	0 – 65.535	0 – 100	<b>Zone 2 - Blue</b> 0% → 100%
28/29	0 – 65.535	0 – 100	<b>Zone 3 - Dimmer</b> 0% → 100% Intensity
30/31	0 – 65.535	0 – 100	<b>Zone 3 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
32/33	0 – 65.535	0 – 100	<b>Zone 3 - Cross Fade to Color</b> White → RGB color
34/35	0 – 65.535	0 – 100	<b>Zone 3 - Red</b> 0% → 100%
36/37	0 – 65.535	0 – 100	<b>Zone 3 - Green</b> 0% → 100%
38/39	0 – 65.535	0 – 100	<b>Zone 3 - Blue</b> 0% → 100%
40/41	0 – 65.535	0 – 100	<b>Zone 4 - Dimmer</b> 0% → 100% Intensity
42/43	0 – 65.535	0 – 100	<b>Zone 4 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
44/45	0 – 65.535	0 – 100	<b>Zone 4 - Cross Fade to Color</b> White → RGB color
46/47	0 – 65.535	0 – 100	<b>Zone 4 – Red</b> 0% → 100%
48/49	0 – 65.535	0 – 100	<b>Zone 4 - Green</b> 0% → 100%
50/51	0 – 65.535	0 – 100	<b>Zone 4 - Blue</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
52/53	0 – 65.535	0 – 100	<b>Zone 5 - Dimmer</b> 0% → 100% Intensity
54/55	0 – 65.535	0 – 100	<b>Zone 5 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
56/57	0 – 65.535	0 – 100	<b>Zone 5 - Cross Fade to Color</b> White → RGB color
58/59	0 – 65.535	0 – 100	<b>Zone 5 - Red</b> 0% → 100%
60/61	0 – 65.535	0 – 100	<b>Zone 5 - Green</b> 0% → 100%
62/63	0 – 65.535	0 – 100	<b>Zone 5 - Blue</b> 0% → 100%
64/65	0 – 65.535	0 – 100	<b>Zone 6 - Dimmer</b> 0% → 100% Intensity
66/67	0 – 65.535	0 – 100	<b>Zone 6 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
68/69	0 – 65.535	0 – 100	<b>Zone 6 - Cross Fade to Color</b> White → RGB color
70/71	0 – 65.535	0 – 100	<b>Zone 6 - Red</b> 0% → 100%
72/73	0 – 65.535	0 – 100	<b>Zone 6 - Green</b> 0% → 100%
74/75	0 – 65.535	0 – 100	<b>Zone 6 - Blue</b> 0% → 100%
76/77	0 – 65.535	0 – 100	<b>Zone 7 - Dimmer</b> 0% → 100% Intensity
78/79	0 – 65.535	0 – 100	<b>Zone 7 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
80/81	0 – 65.535	0 – 100	<b>Zone 7 - Cross Fade to Color</b> White → RGB color
82/83	0 – 65.535	0 – 100	<b>Zone 7 - Red</b> 0% → 100%
84/85	0 – 65.535	0 – 100	<b>Zone 7 - Green</b> 0% → 100%
86/87	0 – 65.535	0 – 100	<b>Zone 7 - Blue</b> 0% → 100%
88/89	0 – 65.535	0 – 100	<b>Zone 8 - Dimmer</b> 0% → 100% Intensity
90/91	0 – 65.535	0 – 100	<b>Zone 8 - CCT</b> 1.500 K→ 20.000 K, (CCT, white point (CCT) for RGB color and GEL)
92/93	0 – 65.535	0 – 100	<b>Zone 8 - Cross Fade to Color</b> White → RGB color

DMX Channel No.	Value	Percent	Function
94/95	0 – 65.535	0 – 100	<b>Zone 8 - Red</b> 0% → 100%
96/97	0 – 65.535	0 – 100	<b>Zone 8 - Green</b> 0% → 100%
98/99	0 – 65.535	0 – 100	<b>Zone 8 - Blue</b> 0% → 100%
100	0 - 255	0 – 100	Effect Selection [▶ 29]
101/102	0 – 65.535	0 – 100	Gel Selection [▶ 40]
103	0 - 255	0 – 100	Dimming Curve [▶ 52]
104	0 - 255	0 – 100	Light Strobe Duration [▶ 36]
105	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
106	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
107	0 – 255	0 – 100	Fan Control [▶ 28]
108	0 - 255	0 – 100	Control [▶ 39]

Zone definition (seen from the front of the fixture):



## 2.10 8 Zone CCT & RGBACL Direct Mode

DMX Channel No.	Value	Percent	Function
1/2	0 – 65.535	0 – 100	<b>Master Dimmer</b> closed → open
3	0 - 10 11 - 20 21 - 119 120 - 145 146 - 244 245 - 255	0 - 4 5 - 8 9 - 47 48 - 57 58 - 96 97 - 100	<b>Green / Magenta Point</b> neutral / no effect full minus green –99% → –1% neutral / no effect 1% → 99% full plus green Modifies green / magenta levels after CCT adjustment of all Zones at once (no effect for RGBACL and GEL)
4/5	0 – 65.535	0 – 100	<b>Zone 1 - Dimmer</b> 0% → 100% Intensity
6/7	0 – 65.535	0 – 100	<b>Zone 1 - CCT</b> 1.500 K → 20.000 K, (CCT and GEL)
8/9	0 – 65.535	0 – 100	<b>Zone 1 - Cross Fade to Color</b> White → RGBACL color



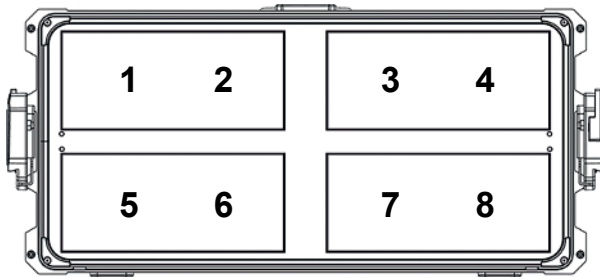
DMX Channel No.	Value	Percent	Function
10/11	0 – 65.535	0 – 100	<b>Zone 1 - Red</b> 0% → 100%
12/13	0 – 65.535	0 – 100	<b>Zone1 - Green</b> 0% → 100%
14/15	0 – 65.535	0 – 100	<b>Zone 1 - Blue</b> 0% → 100%
16/17	0 – 65.535	0 – 100	<b>Zone 1 - Amber</b> 0% → 100%
18/19	0 – 65.535	0 – 100	<b>Zone 1 - Cyan</b> 0% → 100%
20/21	0 – 65.535	0 - 100	<b>Zone 1 - Lime</b> 0% → 100%
22/23	0 – 65.535	0 – 100	<b>Zone 2 - Dimmer</b> 0% → 100% Intensity
24/25	0 – 65.535	0 – 100	<b>Zone 2 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)
26/27	0 – 65.535	0 – 100	<b>Zone 2 - Cross Fade to Color</b> White → RGBACL color
28/29	0 – 65.535	0 – 100	<b>Zone 2 - Red</b> 0% → 100%
30/31	0 – 65.535	0 – 100	<b>Zone 2 - Green</b> 0% → 100%
32/33	0 – 65.535	0 – 100	<b>Zone 2 - Blue</b> 0% → 100%
34/35	0 – 65.535	0 – 100	<b>Zone 2 - Amber</b> 0% → 100%
36/37	0 – 65.535	0 – 100	<b>Zone 2 - Cyan</b> 0% → 100%
38/39	0 – 65.535	0 – 100	<b>Zone 2 - Lime</b> 0% → 100%
40/41	0 – 65.535	0 – 100	<b>Zone 3 - Dimmer</b> 0% → 100% Intensity
42/43	0 – 65.535	0 – 100	<b>Zone 3 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)
44/45	0 – 65.535	0 – 100	<b>Zone 3 - Cross Fade to Color</b> White → RGBACL color
46/47	0 – 65.535	0 – 100	<b>Zone 3 - Red</b> 0% → 100%
48/49	0 – 65.535	0 – 100	<b>Zone 3 - Green</b> 0% → 100%
50/51	0 – 65.535	0 – 100	<b>Zone 3 - Blue</b> 0% → 100%
52/53	0 – 65.535	0 – 100	<b>Zone 3 - Amber</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
54/55	0 – 65.535	0 – 100	<b>Zone 3 - Cyan</b> 0% → 100%
56/57	0 – 65.535	0 – 100	<b>Zone 3 - Lime</b> 0% → 100%
58/59	0 – 65.535	0 – 100	<b>Zone 4 - Dimmer</b> 0% → 100% Intensity
60/61	0 – 65.535	0 – 100	<b>Zone 4 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)
62/63	0 – 65.535	0 – 100	<b>Zone 4 - Cross Fade to Color</b> White → RGBACL color
64/65	0 – 65.535	0 – 100	<b>Zone 4 - Red</b> 0% → 100%
66/67	0 – 65.535	0 – 100	<b>Zone 4 - Green</b> 0% → 100%
68/69	0 – 65.535	0 – 100	<b>Zone 4 - Blue</b> 0% → 100%
70/71	0 – 65.535	0 – 100	<b>Zone 4 - Amber</b> 0% → 100%
72/73	0 – 65.535	0 – 100	<b>Zone 4 - Cyan</b> 0% → 100%
74/75	0 – 65.535	0 – 100	<b>Zone 4 - Lime</b> 0% → 100%
76/77	0 – 65.535	0 – 100	<b>Zone 5 - Dimmer</b> 0% → 100% Intensity
78/79	0 – 65.535	0 – 100	<b>Zone 5 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)
80/81	0 – 65.535	0 – 100	<b>Zone 5 - Cross Fade to Color</b> White → RGBACL color
82/83	0 – 65.535	0 – 100	<b>Zone 5 - Red</b> 0% → 100%
84/85	0 – 65.535	0 – 100	<b>Zone 5 - Green</b> 0% → 100%
86/87	0 – 65.535	0 – 100	<b>Zone 5 - Blue</b> 0% → 100%
88/89	0 – 65.535	0 – 100	<b>Zone 5 - Amber</b> 0% → 100%
90/91	0 – 65.535	0 – 100	<b>Zone 5 - Cyan</b> 0% → 100%
92/93	0 – 65.535	0 – 100	<b>Zone 5 - Lime</b> 0% → 100%
94/95	0 – 65.535	0 – 100	<b>Zone 6 - Dimmer</b> 0% → 100% Intensity
96/97	0 – 65.535	0 – 100	<b>Zone 6 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)

DMX Channel No.	Value	Percent	Function
98/99	0 – 65.535	0 – 100	<b>Zone 6 - Cross Fade to Color</b> White → RGBACL color
100/101	0 – 65.535	0 – 100	<b>Zone 6 - Red</b> 0% → 100%
102/103	0 – 65.535	0 – 100	<b>Zone 6 - Green</b> 0% → 100%
104/105	0 – 65.535	0 – 100	<b>Zone 6 - Blue</b> 0% → 100%
106/107	0 – 65.535	0 – 100	<b>Zone 6 - Amber</b> 0% → 100%
108/109	0 – 65.535	0 – 100	<b>Zone 6 - Cyan</b> 0% → 100%
110/111	0 – 65.535	0 – 100	<b>Zone 6 - Lime</b> 0% → 100%
112/113	0 – 65.535	0 – 100	<b>Zone 7 - Dimmer</b> 0% → 100% Intensity
114/115	0 – 65.535	0 – 100	<b>Zone 7 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)
116/117	0 – 65.535	0 – 100	<b>Zone 7 - Cross Fade to Color</b> White → RGBACL color
118/119	0 – 65.535	0 – 100	<b>Zone 7 - Red</b> 0% → 100%
120/121	0 – 65.535	0 – 100	<b>Zone 7 - Green</b> 0% → 100%
122/123	0 – 65.535	0 – 100	<b>Zone 7 - Blue</b> 0% → 100%
124/125	0 – 65.535	0 – 100	<b>Zone 7 - Amber</b> 0% → 100%
126/127	0 – 65.535	0 – 100	<b>Zone 7 - Cyan</b> 0% → 100%
128/129	0 – 65.535	0 – 100	<b>Zone 7 - Lime</b> 0% → 100%
130/131	0 – 65.535	0 – 100	<b>Zone 8 - Dimmer</b> 0% → 100% Intensity
132/133	0 – 65.535	0 – 100	<b>Zone 8 - CCT</b> 1.500 K→ 20.000 K, (CCT and GEL)
134/135	0 – 65.535	0 – 100	<b>Zone 8 - Cross Fade to Color</b> White → RGBACL color
136/137	0 - 255	0 – 100	<b>Zone 8 - Red</b> 0% → 100%
138/139	0 - 255	0 – 100	<b>Zone 8 - Green</b> 0% → 100%
140/141	0 - 255	0 – 100	<b>Zone 8 - Blue</b> 0% → 100%

DMX Channel No.	Value	Percent	Function
142/143	0 – 65.535	0 – 100	<b>Zone 8 - Amber</b> 0% → 100%
144/145	0 – 65.535	0 – 100	<b>Zone 8 - Cyan</b> 0% → 100%
146/147	0 – 65.535	0 – 100	<b>Zone 8 - Lime</b> 0% → 100%
148	0 - 255	0 – 100	Effect Selection [▶ 29]
149/150	0 – 65.535	0 – 100	Gel Selection [▶ 40]
151	0 - 255	0 – 100	Dimming Curve [▶ 52]
152	0 - 255	0 – 100	Light Strobe Duration [▶ 36]
153	0 – 255	0 – 100	Light Strobe Rate [▶ 36]
154	0 – 255	0 – 100	Strobe & Zone Macros [▶ 37]
155	0 – 255	0 – 100	Fan Control [▶ 28]
156	0 - 255	0 – 100	Control [▶ 39]

Zone definition (seen from the front of the fixture):



## 2.11 Fan Control

DMX Channel	Value	Percent	Function
Depending on DMX mode	0 – 9	0 – 3	Use Operational Mode Setting of Fixture Menu
	10 – 57	4 – 22	Low Fan speed fixed
	58 – 105	23 – 41	Variable Fan speed variable
	106 – 153	42 – 60	High Temp Fan speed fixed
	154 – 201	61 – 78	Reserved (reverts to internal fan setting)
	202 – 249	79 – 98	Fan at Full Speed
	250 – 255	99 – 100	Fan Off

Note: Fan Mode reverts to operational mode of menu setting, when DMX signal is lost.

In 16 Bit mode the fan control channel is an 8 Bit channel.

## 2.12 Effects

DMX Channel	Value	Percent	Function Effect Selection
Depending on DMX mode	0 – 9	0 – 4	No effect
	10 – 19	5 – 7	Party [▶ 29]
	20 - 29	8 – 11	Candle [▶ 30]
	30 – 39	12 – 15	Clouds Passing [▶ 30]
	40 – 49	16 – 19	Club Lights [▶ 30]
	50 – 59	20 – 23	Cop Car [▶ 31]
	60 – 69	24 – 27	Fire [▶ 31]
	70 – 79	28 – 31	Fireworks [▶ 31]
	80 – 89	32 – 35	Light Strobe [▶ 32]
	90 – 99	36 – 39	Lightning [▶ 32]
	100 – 109	40 – 43	Paparazzi [▶ 33]
	110 – 119	44 – 47	Pulsing [▶ 33]
	120 – 129	48 – 51	Television [▶ 34]
	130 – 139	52 – 55	Explosion [▶ 34]
	140 – 149	56 – 58	Fluorescent Flicker [▶ 35]
150 – 159	59 – 62	Welding [▶ 35]	
160 - 255	63 - 100	Reserved for future use. Blackout the light output and set no active effect.	

### Party

Value	Speed [s]	Saturation [%]	Color Control	Zone Control
10	18	100	By effect	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
11	15			
12	13			
13	10			
14	7			
15	5			
16	4			
17	3			
18	2			
19	1			

**Candle**

Value	Speed [changes/s]	CCT Range	Color Control	Zone Control
20	30	Warmer (1400 K to 1700 K)	By effect	Random (Depends on the zone control of the selected DMX multi zone mode)
21	40			
22	50			
23	60			
24	70			
25	80			
26	90			
27	100			
28	110			
29	120			

**Clouds Passing**

Value	Speed [%]	Offset	Trigger	Color Control	Zone Control
30	40	5	Active (Triggered after each DMX value change)	By effect	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
31	50				
32	60				
33	70				
34	75				
35	80				
36	85				
37	90				
38	95				
39	100				

**Club Lights**

Value	Speed [changes/s]	Color variety	Color Control	Zone Control
40	30	9 colors	By effect	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
41	40			
42	50			
43	60			
44	70			
45	80			
46	90			
47	100			
48	110			
49	120			

**Cop Car**

Value	Color Combinations	Flash Pattern	Color Control	Zone Control
50	Red	Double	By effect	left / right (Depends on the zone control of the selected DMX multi zone mode)
51	Red	Quint		
52	Blue	Double		
53	Blue	Quint		
54	Blue & Red	Single		
55	Blue & Red	Double		
56	Blue & Red	Quint		
57	Blue & White	Double		
58	Blue & Amber	Double		
59	Blue & Red & White	Quint		

**Fire**

Value	Speed [changes/s]	CCT Range	Color Control	Zone Control
60	20	2600 K to 3000 K	By effect	All zones randomly (Depends on the zone control of the selected DMX multi zone mode)
61	30			
62	40			
63	50			
64	60			
65	70			
66	80			
67	90			
68	140			
69	180			

**Fireworks**

Value	Speed [s]	Color Combinations	Color Control	Zone Control	
70	7,5	Colors	By effect	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)	
71	4,0				
72	2,0				
73	7,5				White
74	4,0				White
75	2,0				White
76	7,5				Colors & White
77	4,0				Colors & White
78	2,0				Colors & White
79	0,5				Colors & White

**Light Strobe**

Value	Speed [flashes/s]	Color Control	Zone Control
80	1	By overlay color	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
81	2		
82	3		
83	5		
84	10		
85	15		
86	17		
87	20		
88	24		
89	25		

Note: The overlay color can be adjusted by the following DMX channels, depending on the current DMX mode:

- RGB and CCT, G/M
- HSI
- XY
- RGBACL

**Lightning**

Value	Speed [Strikes/min]	Sequence [flashes]	Trigger	Color Control	Zone Control
90	14	1	Triggered after each value change	By overlay color	All zones randomly (Depends on the zone control of the selected DMX multi zone mode)
91	Random	1			
92	14	3			
93	Random	3			
94	6	6			
95	14	6			
96	Random	6			
97	6	Random			
98	14	Random			
99	Random	Random			

Note: The overlay color can be adjusted by the following DMX channels, depending on the current DMX mode:

- RGB and CCT, G/M
- HSI
- XY
- RGBACL



**Paparazzi**

Value	Speed [flashes /min]	Flash Type [Bulb <-> Modern]	Color Control	Zone Control
100	6	Flash bulb	By overlay color	All zones randomly (Depends on the zone control of the selected DMX multi zone mode)
101	15			
102	40			
103	80			
104	120			
105	6	Modern flash		
106	15			
107	40			
108	80			
109	120			

**Pulsing**

Value	Frequency [pulses/min]	Duration	Color Control	Zone Control
110	5	4	By overlay color	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
111	10	4		
112	15	1		
113	30	1		
114	40	1		
115	50	1		
116	60	0,4		
117	70	0,4		
118	80	0,4		
119	90	0,4		

Note: The overlay color can be adjusted by the following DMX channels, depending on the current DMX mode:

- RGB and CCT, G/M
- HSI
- XY
- RGBACL

**Television**

Value	Speed [changes/min]	CCT Range [K]	Color Control	Zone Control
120	4	2.800 K to 4.700 K	By effect	All zones randomly (Depends on the zone control of the selected DMX multi zone mode)
121	10			
122	15			
123	20			
124	24			
125	4	6.500 K to 10.000 K		
126	10			
127	15			
128	20			
129	24			

**Explosion**

Value	Decay [s]	Trigger	Color Control	Zone Control
130	0,5	Triggered after each DMX value change	By overlay color	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
131	0,7			
132	1,0			
133	1,5			
134	2,0			
135	2,5			
136	3,0			
137	3,5			
138	3,7			
139	4,0			

Note: The overlay color can be adjusted by the following DMX channels, depending on the current DMX mode:

- RGB and CCT, G/M
- HSI
- XY
- RGBACL

**Fluorescent flicker**

Value	Speed [s]	Frequency [flickers]	Color Control	Zone Control
140	2	3	By overlay color	All zones randomly (Depends on the zone control of the selected DMX multi zone mode)
141	4			
142	6			
143	2	5		
144	4			
145	6			
146	2	7		
147	4			
148	2	10		
149	4			

Note: The overlay color can be adjusted by the following DMX channels, depending on the current DMX mode:

- RGB and CCT, G/M
- HSI
- XY
- RGBACL

**Welding**

Value	Speed [%]	Min. Level [%]	Color Control	Zone Control
150	0	25	By overlay color	All zones synchronously (Depends on the zone control of the selected DMX multi zone mode)
151	25			
152	50			
153	100			
154	0	50		
155	50			
156	100			
157	0	75		
158	50			
159	100			

Note: The overlay color can be adjusted by the following DMX channels, depending on the current DMX mode:

- RGB and CCT, G/M
- HSI
- XY
- RGBACL

## 2.13 Light Strobe

### Light Strobe Duration Channel

DMX Channel	Value	Percent	Function
Depending on DMX mode	0 – 255	0 – 100	<b>Light Strobe Duration</b> 0...100% Duty/Pulse, min 10ms
	0 – 255	0 – 100	<b>Strobe Makro 1-5 is active: Strobe duration</b> 0...100% Duty/Pulse, min 10ms pulse width

Note: To enable Strobe: Strobe Rate Channel must be in a range of 10...255.

### Light Strobe Rate Channel

DMX Channel	Value	Percent	Function
Depending on DMX mode	0 – 9	0 – 4	<b>Light Strobe</b> No effect, (Strobe disabled)
	10 – 255	5– 100	1 flash / s → 25 flashes / s
	0 – 9	0 – 4	<b>Strobe Makro 1-5 is active:</b> <b>Strobe value</b>
	10 – 255	5– 100	Use the default strobe value 1 flash / s → 25 flashes / s

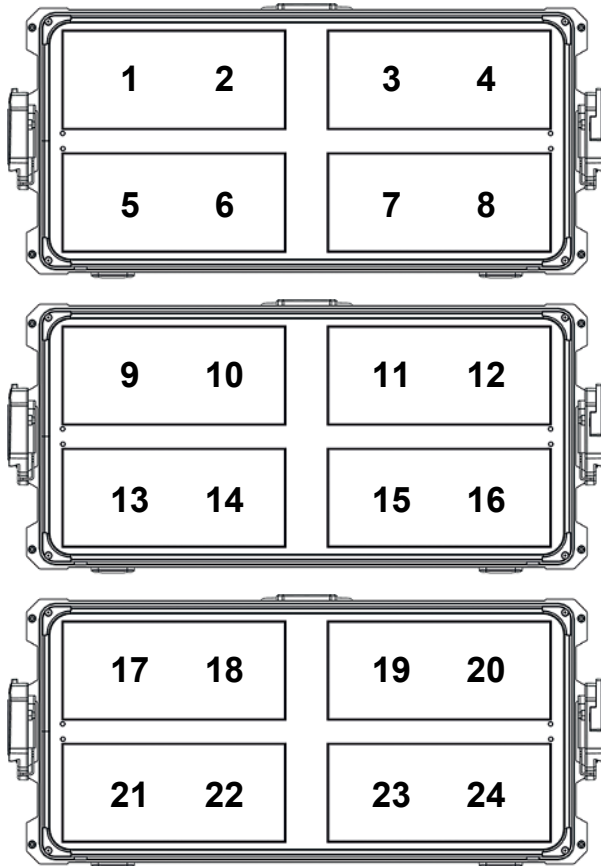
In 16 Bit mode the strobe channel is an 8 Bit channel.

Note: To enable Strobe: DMX value 10...255 enables the *Strobe*.

**Strobe and Zone Macro Channel**

DMX Channel	Value	Percent	Function
Depending on DMX mode	0 – 9	0 – 4	No effect – light output without makros
	10 – 19	5 – 7	Strobe Macro 1 - Up & Down (slow -> fast)
	20 – 29	8 – 11	Strobe Macro 2 - Left & Right (slow -> fast)
	30 – 39	12 – 15	Strobe Macro 3 - Chess effect (slow -> fast)
	40 – 49	16 – 19	Strobe Macro 4 - In & Out (slow -> fast)
	50 – 59	20 – 23	Strobe Macro 5 - Random (slow -> fast)
	60 – 69	24 – 27	Multizone Macro 1 - Cycle (slow -> fast)
	70 – 79	28 – 31	Multizone Macro 2 - Rain (slow -> fast)
	80 – 89	32 – 35	Multizone Macro 3 - Strips (slow -> fast)
	90 – 99	36 – 39	Multizone Macro 4 - Wave (slow -> fast)
	100 – 109	40 – 43	Multizone Macro 5 - Bounce (slow -> fast)
	110 – 119	44 – 47	Multizone Macro 6 - Left & Right (slow -> fast)
	120 – 129	48 – 51	Multizone Macro 7 - Spiral (slow -> fast)
	130 – 139	52 – 55	Multizone Macro 8 - Pairs (slow -> fast)
	140 – 149	56 – 58	Multizone Macro 9 - Misc. (slow -> fast)
	150 – 159	59 – 62	Multizone Macro 10 - Random (slow -> fast)
160 - 255	63 – 100	Reserved for future use (No effect - light output is switched off)	

**Zone definition**



**Meaning of “slow -> fast”**

Fader Offset	Speed
0	1
1	2
2	3
3	4
4	6
5	9
6	13
7	17
8	21
9	25

## 2.14 Control

DMX Channel	Value	Percent	Function
Depending on DMX mode	0 – 19	0 – 7	No function
	20 – 24		Load DMX User Preset 1
	25 – 29		Load DMX User Preset 2
	30 – 34		Load DMX User Preset 3
	35 – 39		Load DMX User Preset 4
	40 – 44		Load DMX User Preset 5
	45 – 49		Load DMX User Preset 6
	50 – 54		Load DMX User Preset 7
	55 – 59		Load DMX User Preset 8
	60 – 64		Load DMX User Preset 9
	65 – 69		Load DMX User Preset 10
	70 – 74		High Speed mode OFF
	75 - 79		High Speed mode ON
	80 - 255		Reserved (No function)

## 3 Gels

### 3.1 Gel Channel

DMX Channel	Value	Percent	Function
16 Bit version only	0 – 9	0 – 7	<b>Gel Selection</b> No effect
	10 – 32767	8 – 50	Rosco Gels
	32768 – 65535	51 – 100	LEE Gels

### 3.2 Rosco Color Correction

Gel Name	Gel Number	Value 16 Bit
Full CTB	3202	10
3/4 CTB	3203	11
1/2 CTB	3204	12
1/3 CTB	3206	13
1/4 CTB	3208	14
1/8 CTB	3216	15
Double CTB	3220	16
Full CTO	3407	17
3/4 CTO	3411	18
1/2 CTO	3408	19
1/4 CTO	3409	20
1/8 CTO	3410	21
Double CTO	3420	22
Full CTS	3441	23
1/2 CTS	3442	24
1/4 CTS	3443	25
1/8 CTS	3444	26
Full Plusgreen	3304	27
1/2 Plusgreen	3315	28
1/4 Plusgreen	3316	29
1/8 Plusgreen	3317	30
Full Minusgreen	3308	31
3/4 Minusgreen	3309	32
1/2 Minusgreen	3313	33
1/4 Minusgreen	3314	34
1/8 Minusgreen	3318	35
Fluorofilter	3310	36
Industrial Vapor	3150	37
Urban Vapor	3152	38
Tough Y1	3107	39
Tough MT 54	3134	40
Tough MTY	3106	41
Tough MT2	3102	42



### 3.3 Rosco CalColor

Gel Name	Gel Number	Value 16 Bit
15 Blue	4215	43
30 Blue	4230	44
60 Blue	4260	45
90 Blue	4290	46
7 Cyan	4307	47
15 Cyan	4315	48
30 Cyan	4330	49
60 Cyan	4360	50
90 Cyan	4390	51
15 Green	4415	52
30 Green	4430	53
60 Green	4460	54
90 Green	4490	55
15 Yellow	4515	56
30 Yellow	4530	57
60 Yellow	4560	58
90 Yellow	4590	59
15 Red	4615	60
30 Red	4630	61
60 Red	4660	62
90 Red	4690	63
15 Magenta	4715	64
30 Magenta	4730	65
60 Magenta	4760	66
90 Magenta	4790	67
15 Pink	4815	68
30 Pink	4830	69
60 Pink	4860	70
90 Pink	4890	71
15 Lavender	4915	72
30 Lavender	4930	73
60 Lavender	4960	74
90 Lavender	4990	75

### 3.4 Rosco Storaro Selection

Gel Name	Gel Number	Value 16 Bit
VS Red	2001	76
VS Orange	2002	77
VS Yellow	2003	78
VS Green	2004	79
VS Cyan	2005	80
VS Azure	2006	81
VS Blue	2007	82
VS Indigo	2008	83

Gel Name	Gel Number	Value 16 Bit
VS Violet	2009	84
VS Magenta	2010	85

### 3.5 Rosco Roscolux

Gel Name	Gel Number	Value 16 Bit
Light Bastard Amber	1	86
Bastard Amber	2	87
Pale Bastard Amber	302	88
Dark Bastard Amber	3	89
Warm Peach	303	90
Medium Bastard Amber	4	91
Pale Apricot	304	92
Rose Tint	5	93
Rose Gold	305	94
No Color Straw	6	95
Pale Yellow	7	96
Pale Gold	8	97
Pale Amber Gold	9	98
Medium Yellow	10	99
Daffodil	310	100
Light Straw	11	101
Straw	12	102
Canary	312	103
Straw Tint	13	104
Light Relief Yellow	313	105
Medium Straw	14	106
Deep Straw	15	107
Light Amber	16	108
Gallo Gold	316	109
Light Flame	17	110
Apricot	317	111
Flame	18	112
Mayan Sun	318	113
Fire	19	114
Medium Amber	20	115
Golden Amber	21	116
Soft Golden Amber	321	117
Deep Amber	22	118
Orange	23	119
Henna Sky	325	120
Scarlet	24	121
Gypsy Red	324	122
Orange Red	25	123
Light Red	26	124
Medium Red	27	125
Light Salmon Pink	30	126

Gel Name	Gel Number	Value 16 Bit
Salmon Pink	31	127
Shell Pink	331	128
Medium Salmon Pink	32	129
Cherry Rose	332	130
No Color Pink	33	131
Blush Pink	333	132
Flesh Pink	34	133
Light Pink	35	134
Medium Pink	36	135
Billinton Pink	336	136
Pale Rose Pink	37	137
True Pink	337	138
Light Rose	38	139
Skelton Exotic Sangria	39	140
Broadway Pink	339	141
Light Salmon	40	142
Salmon	41	143
Deep Salmon	42	144
Rose Pink	342	145
Deep Pink	43	146
Neon Pink	343	147
Middle Rose	44	148
Follies Pink	344	149
Rose	45	150
Magenta	46	151
Tropical Magenta	346	152
Light Rose Purple	47	153
Belladonna Rose	347	154
Rose Purple	48	155
Purple Jazz	348	156
Medium Purple	49	157
Fisher Fuchsia	349	158
Mauve	50	159
Surprise Pink	51	160
Lavender Mist	351	161
Light Lavender	52	162
Pale Lavender	53	163
Lilly Lavender	353	164
Special Lavender	54	165
Lilac	55	166
Pale Violet	355	167
Gypsy Lavender	56	168
Middle Lavender	356	169
Lavender	57	170
Royal Lavender	357	171
Deep Lavender	58	172

Gel Name	Gel Number	Value 16 Bit
Rose Indigo	358	173
Indigo	59	174
Medium Violet	359	175
No Color Blue	60	176
Clearwater	360	177
Mist Blue	61	178
Hemsley Blue	361	179
Booster Blue	62	180
Tipton Blue	362	181
Pale Blue	63	182
Aquamarine	363	183
Light Steel Blue	64	184
Blue Bell	364	185
Daylight Blue	65	186
Tharon Delft Blue	365	187
Cool Blue	66	188
Jordan Blue	366	189
Light Sky Blue	67	190
Slate Blue	367	191
Parry Sky Blue	68	192
Winkler Blue	368	193
Brilliant Blue	69	194
Tahitian Blue	369	195
Nile Blue	70	196
Italian Blue	370	197
Sea Blue	71	198
Azure Blue	72	199
Peacock Blue	73	200
Night Blue	74	201
Sea Green	374	202
Twilight Blue	75	203
Cerulean Blue	375	204
Light Green Blue	76	205
Bermuda Blue	376	206
Green Blue	77	207
Iris Purple	377	208
Trudy Blue	78	209
Alice Blue	378	210
Bright Blue	79	211
Primary Blue	80	212
Urban Blue	81	213
Baldassari Blue	381	214
Surprise Blue	82	215
Congo Blue	382	216
Medium Blue	83	217
Sapphire Blue	383	218

Gel Name	Gel Number	Value 16 Bit
Zephyr Blue	84	219
Midnight Blue	384	220
Deep Blue	85	221
Royal Blue	385	222
Pea Green	86	223
Leaf Green	386	224
Pale Yellow Green	87	225
Light Green	88	226
Gaslight Green	388	227
Moss Green	89	228
Chroma Green	389	229
Primary Green	91	230
Pacific Green	392	231
Turquoise	92	232
Blue Green	93	233
Emerald Green	393	234
Teal Green	395	235
Lime	96	236
Pale Grey	397	237
Neutral Grey	398	238
Chocolate	99	239

### 3.6 Lee Color Correction

Gel Name	Gel Number	Value 16 Bit
Double CTB	200	32768
Full CTB	201	32769
3/4 CTB	281	32770
1/2 CTB	202	32771
1/4 CTB	203	32772
1/8 CTB	218	32773
Double CTO	287	32774
Full CTO	204	32775
3/4 CTO	285	32776
1/2 CTO	205	32777
1/4 CTO	206	32778
1/8 CTO	223	32779
1 1/2 CTB	283	32780
1 1/2 CTO	286	32781
Full CTS	441	32782
1/2 CTS	442	32783
1/4 CTS	443	32784
1/8 CTS	444	32785
Full CTO + .3 ND	207	32786
Full CTO + .6 ND	208	32787
L.C.T. Yellow (Y1)	212	32788
White Flame Green	213	32789

Gel Name	Gel Number	Value 16 Bit
LEE Fluorescent Green	219	32790
Super Correction L.C.T. Yellow	230	32791
Super Correction W.F. Green	232	32792
H.M.I. (to Tungsten)	236	32793
C.I.D. (to Tungsten)	237	32794
C.S.I. (to Tungsten)	238	32795
LEE Fluorescent 5700 Kelvin	241	32796
LEE Fluorescent 4300 Kelvin	242	32797
LEE Fluorescent 3600 Kelvin	243	32798
LEE Plus Green	244	32799
1/2 Plus Green	245	32800
1/4 Plus Green	246	32801
1/8 Plus Green	278	32802
LEE Minus Green	247	32803
1/2 Minus Green	248	32804
1/4 Minus Green	249	32805
1/8 Minus Green	279	32806

### 3.7 Lee Color Filters

Gel Name	Gel Number	Value 16 Bit
Rose Pink	2	32807
Lavender Tint	3	32808
Medium Bastard Amber	4	32809
Pale Yellow	7	32810
Dark Salmon	8	32811
Pale Amber Gold	9	32812
Medium Yellow	10	32813
Straw Tint	13	32814
Deep Straw	15	32815
Surprise Peach	17	32816
Fire	19	32817
Medium Amber	20	32818
Gold Amber	21	32819
Dark Amber	22	32820
Scarlet	24	32821
Sunset Red	25	32822
Bright Red	26	32823
Medium Red	27	32824
Plasa Red	29	32825
Light Pink	35	32826
Medium Pink	36	32827
Dark Magenta	46	32828
Rose Purple	48	32829
Medium Purple	49	32830
Light Lavender	52	32831
Paler Lavender	53	32832

Gel Name	Gel Number	Value 16 Bit
Lavender	58	32833
Mist Blue	61	32834
Pale Blue	63	32835
Sky Blue	68	32836
Tokyo Blue	71	32837
Evening Blue	75	32838
Just Blue	79	32839
Deeper Blue	85	32840
Lime Green	88	32841
Moss Green	89	32842
Dark Yellow Green	90	32843
Spring Yellow	100	32844
Yellow	101	32845
Light Amber	102	32846
Straw	103	32847
Deep Amber	104	32848
Orange	105	32849
Primary Red	106	32850
Light Rose	107	32851
English Rose	108	32852
Light Salmon	109	32853
Middle Rose	110	32854
Dark Pink	111	32855
Magenta	113	32856
Peacock Blue	115	32857
Medium Blue-Green	116	32858
Steel Blue	117	32859
Light Blue	118	32860
Dark Blue	119	32861
Deep Blue	120	32862
LEE Green	121	32863
Fern Green	122	32864
Dark Green	124	32865
Mauve	126	32866
Smokey Pink	127	32867
Bright Pink	128	32868
Marine Blue	131	32869
Medium Blue	132	32870
Golden Amber	134	32871
Deep Golden Amber	135	32872
Pale Lavender	136	32873
Special Lavender	137	32874
Pale Green	138	32875
Primary Green	139	32876
Summer Blue	140	32877
Bright Blue	141	32878

Gel Name	Gel Number	Value 16 Bit
Pale Violet	142	32879
Pale Navy Blue	143	32880
No Color Blue	144	32881
Apricot	147	32882
Bright Rose	148	32883
Gold Tint	151	32884
Pale Gold	152	32885
Pale Salmon	153	32886
Pale Rose	154	32887
Chocolate	156	32888
Pink	157	32889
Deep Orange	158	32890
No Color Straw	159	32891
Slate Blue	161	32892
Bastard Amber	162	32893
Flame Red	164	32894
Daylight Blue	165	32895
Lilac Tint	169	32896
Deep Lavender	170	32897
Lagoon Blue	172	32898
Dark Steel Blue	174	32899
Loving Amber	176	32900
Chrome Orange	179	32901
Dark Lavender	180	32902
Congo Blue	181	32903
Light Red	182	32904
Moonlight Blue	183	32905
Flesh Pink	192	32906
Surprise Pink	194	32907
Zenith Blue	195	32908
true Blue	196	32909
Alice Blue	197	32910
Palace Blue	198	32911
Regal Blue	199	32912
Soft Green	322	32913
Jade	323	32914
Forest Green	327	32915
Follies Pink	328	32916
Special Rose Pink	332	32917
Special Medium Lavender	343	32918
Fuchsia Pink	345	32919
Glacier Blue	352	32920
Lighter Blue	353	32921
Special Steel Blue	354	32922
Special Medium Blue	363	32923
Cornflower	366	32924



Gel Name	Gel Number	Value 16 Bit
Double New Colour Blue	500	32925
New Colour Robertson Blue	501	32926
Half New Colour Blue	502	32927
Quarter New Colour Blue	503	32928
Waterfront Green	504	32929
Sally Green	505	32930
Marlene	506	32931
Madge	507	32932
Midnight Maya	508	32933
Bacon Brown	511	32934
Amber Delight	512	32935
Ice and a Slice	513	32936
Double G & T	514	32937
Argent Blue	525	32938
ALD Gold	550	32939

### 3.8 Lee 600 Series

Gel Name	Gel Number	Value 16 Bit
Arctic White	600	32940
Silver	601	32941
Platinum	602	32942
Moonlight White	603	32943
Full CT 85	604	32944
Half Mustard Yellow	642	32945
Quarter Mustard Yellow	643	32946
Industry Sodium	650	32947
HI Sodium	651	32948
Urban Sodium	652	32949
LO Sodium	653	32950

### 3.9 Lee Cosmetic Filters

Gel Name	Gel Number	Value Bit
Cosmetic Peach	184	32951
Cosmetic Silver Rose	186	32952
Cosmetic Rouge	187	32953
Cosmetic Highlight	188	32954
Cosmetic Silver Moss	189	32955
Cosmetic Aqua Blue	191	32956
Lily Frost	705	32957
Shanklin Frost	717	32958
Half Shanklin Frost	718	32959
Durham Daylight Frost	720	32960
Hampshire Rose	749	32961
Durham Frost	750	32962
Soft Amber Key 1	774	32963

Gel Name	Gel Number	Value Bit
Soft Amber Key 2	775	32964
Moroccan Frost	791	32965
Blue Diffusion	217	32966
Blue Frost	221	32967
Daylight Blue Frost	224	32968

### 3.10 Lee 700 Series

Gel Name	Gel Number	Value 16 Bit
Perfect Lavender	700	32969
Provence	701	32970
Special Pale Lavender	702	32971
Cold Lavender	703	32972
Lily	704	32973
King Fals Lavender	706	32974
Cool Lavender	708	32975
Electric Lilac	709	32976
Spir Special Blue	710	32977
Cold Blue	711	32978
Bedford Blue	712	32979
J.Winter Blue	713	32980
Elysian Blue	714	32981
Cabana Blue	715	32982
Mikkel Blue	716	32983
Colour Wash Blue	719	32984
Berry Blue	721	32985
Bray Blue	722	32986
Virgin Blue	723	32987
Ocean Blue	724	32988
Old Steel Blue	725	32989
QFD Blue	727	32990
Steel Green	728	32991
Scuba Blue	729	32992
Liberty Green	730	32993
Dirty Ice	731	32994
Damp Squib	733	32995
Velvet Green	735	32996
Twickenham Green	736	32997
JAS Green	738	32998
Aurora Borealis Green	740	32999
Mustard Yellow	741	33000
Bram Brown	742	33001
Dirty White	744	33002
Brown	746	33003
Easy White	747	33004
Seedy Pink	748	33005
Wheat	763	33006

<b>Gel Name</b>	<b>Gel Number</b>	<b>Value 16 Bit</b>
Sun Colour Straw	764	33007
LEE Yellow	765	33008
Oklahoma Yellow	767	33009
Egg Yolk Yellow	768	33010
Burnt Yellow	770	33011
Cardbox Amber	773	33012
Nectarine	776	33013
Rust	777	33014
Millennium Gold	778	33015
Bastard Pink	779	33016
AS Golden Amber	780	33017
Terry Red	781	33018
Marius Red	787	33019
Blood Red	789	33020
Moroccan Pink	790	33021
Vanity Fair	793	33022
Pretty Pink	794	33023
Magical Magenta	795	33024
Deep Purple	797	33025
Chrysalis Pink	798	33026
Special KH Lavender	799	33027

## 4 Dimming Curve

DMX Channel	Value	Percent	Function
Depending on DMX mode			<b>Dimming Curve</b>
	0 - 9	0 - 4	No effect / Reverts to internal setting
	10 - 19	5 - 7	Exponential
	20 - 29	8 - 11	Logarithmic
	30 - 39	12 - 15	Linear
	40 - 49	16 - 19	"S" curve
	50 - 59	20 - 23	Tungsten exponential
	60 - 69	24 - 27	Tungsten logarithmic
	70 - 79	28 - 31	Tungsten linear
	80 - 255	28 - 100	Reserved for future use (No effect / Reverts to the internal setting)







**ARRI** 