DMX Profiles for QuikBeam (AST-QUKBM), QuikPunch (AST-QUKPN), PlutoFresnel (AF80) and LeoFresnel (AF250)

This document has two tables of contents. The first one is based on the pixel count and whether strobe or fan is turned on or off.
The second one is a numeric index where you can locate a DMX table by its number quickly.

Profiles in logical order

Profiles in numerical order

Pixel=1 Strobe=Off

1: RGB (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)

2: RGBW (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)

3: RGBAW (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)

4: DIM RGB (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)

5: DIM RGBW (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)

6: DIM RGBAW (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
6	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)

7: RGB CCT DIM IND (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
4	0 - 4 4 - 255	0 - 1.5 1.6-100	**Color Temperature (CCT)** No effect Display color temperature Formular: CCT = 2000 + 20*DMX-Value Example: 50 ➔ 3000K 100 ➔ 4000K 150 ➔ 5000K **CCT overwrites the RGB setting*
5	0..255	0 - 100	**Dimmer** (closed ➔ open)
6	0..1 2..255	0 - 0.4 0.8 - 100	**Index Colors** No effect Display Index Colors (full list at the end of this document) **Index Colors overwrites both, RGB and CCT*

89: D CCT GM CRO RGB (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
6	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
7	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)

90: D CCT GM HUE SAT (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Hue** (0° ➔ 360°)
5	0 - 255	0 - 100	**Saturation** (0% ➔ 100%)

91: D16 CCT GM C RGB (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
7	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
8	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)

92: D16 CCT GM H SAT (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5 | HI			**Hue**
6 | LO	0 - 65535	0 - 100	0° ➔ 360°
7	0 - 255	0 - 100	**Saturation** (0% ➔ 100%)

93: D16 X Y (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3 | HI			**X**
4 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
5 | HI			**Y**
6 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535

168: D CCT GM CRO XY (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5 | HI			**X**
6 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
7 | HI			**Y**
8 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535

169: D16 CCT GM C XY (PIXEL = 1; STROBE = OFF)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6 | HI			**X**
7 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
8 | HI			**Y**
9 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535

Pixel=1 Strobe=On

8: RGBS (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

9: RGBWS (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
5			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

10: RGBAWS (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
6			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

11: DIM RGBS (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

12: DIM RGBWS (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
6			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

13: DIM RGBAWS (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
6	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
7			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

14: RGB CCT DIM IND S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4			**Color Temperature (CCT)**
	0 - 4	0 - 1.5	No effect
	4 - 255	1.6 - 100	Display color temperature
			Formula: CCT = 2000 + 20*DMX-Value
			Example: 50 → 3000K
			100 → 4000K
			150 → 5000K
			**CCT overwrites the RGB setting*
5	0..255	0 - 100	**Dimmer** (closed → open)
6			**Index Colors**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors (full list at the end of this document)
			**Index Colors overwrites both, RGB and CCT*
7			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)

94: D CCT GM CRO RGB S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 → 3190K 70 → 3990K 117 → 5494K
3	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% → 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
6	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
7	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
8	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz → 25Hz)

95: D CCT GM HUE SAT S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 → 3190K 70 → 3990K 117 → 5494K
3	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% → 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Hue** (0° → 360°)
5	0 - 255	0 - 100	**Saturation** (0% → 100%)
6	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz → 25Hz)

96: D16 CCT GM H SAT S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			Dimmer
2 | LO	0 - 65535	0 - 100	closed → open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 → 3190K 70 → 3990K 117 → 5494K
4	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% → 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5 | HI			**Hue**
6 | LO	0 - 65535	0 - 100	0° → 360°
7	0 - 255	0 - 100	**Saturation** (0% → 100%)
8	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz → 25Hz)

97: D16 X Y S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3 | HI			**X**
4 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
5 | HI			**Y**
6 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
7			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz ➔ 25Hz)

137: D16 CCT GM C RGB S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4			**Green / Magenta Point**
	0 - 4	0 - 1.5	No effect
	5 - 255	2.0 - 100	-96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
7	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
8	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
9			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz ➔ 25Hz)

170: D CCT GM CRO XY S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3			**Green / Magenta Point**
	0 - 4	0 - 1.5	No effect
	5 - 255	2.0 - 100	-96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5 | HI			**X**
6 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
7 | HI			**Y**
8 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
9			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz ➔ 25Hz)

171: D16 CCT GM C XY S (PIXEL = 1; STROBE = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4			**Green / Magenta Point**
	0 - 4	0 - 1.5	No effect
	5 - 255	2.0 - 100	-96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6 | HI			**X**
7 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
8 | HI			**Y**
9 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
10			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz ➔ 25Hz)

Pixel=1 Strobe=Off Fan=On

144: RGB FAN(PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

145: RGBW FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
5	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

146: RGBAW FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
6	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

147: DIM RGB FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

148: DIM RGBW FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% ➔ 100%)
6	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

149: DIM RGBAW FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
5	0 - 255	0 - 100	**Intensity Amber** (0% ➔ 100%)
6	0 - 255	0 - 100	**Intensity Emulated White** (0% ➔ 100%)
7	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

150: RGB CCT DIM IND FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
4	0 - 4 4 - 255	0 - 1.5 1.6-100	**Color Temperature (CCT)** No effect Display color temperature Formular: CCT = 2000 + 20*DMX-Value Example: 50 ➔ 3000K 100 ➔ 4000K 150 ➔ 5000K **CCT overwrites the RGB setting*
5	0..255	0 - 100	**Dimmer** (closed ➔ open)
6	0..1 2..255	0 - 0.4 0.8 - 100	**Index Colors** No effect Display Index Colors (full list at the end of this document) **Index Colors overwrites both, RGB and CCT*
7	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

151: D CCT GM CRO RGB FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 → 3190K 70 → 3990K 117 → 5494K
3	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% → 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
6	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
7	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
8	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

152: D CCT GM HUE SAT FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 → 3190K 70 → 3990K 117 → 5494K
3	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% → 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Hue** (0° → 360°)
5	0 - 255	0 - 100	**Saturation** (0% → 100%)
6	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

153: D16 CCT GM C RGB FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
7	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
8	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
9	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

154: D16 CCT GM H SAT FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5 | HI			**Hue**
6 | LO	0 - 65535	0 - 100	0° ➔ 360°
7	0 - 255	0 - 100	**Saturation** (0% ➔ 100%)
8	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

155: D16 X Y FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed ➔ open
3 | HI			**X**
4 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
5 | HI			**Y**
6 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
7	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

172: D CCT GM CRO XY FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5 | HI 6 | LO	0 - 65535	0 - 100	**X** Formular: x-Coordinate = 0.8 * DMX-Value / 65535
7 | HI 8 | LO	0 - 65535	0 - 100	**Y** Formular: y-Coordinate = 0.8 * DMX-Value / 65535
9	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

173: D16 CCT GM CRO XY FAN (PIXEL = 1; STROBE = OFF; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI 2 | LO	0 - 65535	0 - 100	**Dimmer** closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	0 - 4 5 - 255	0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6 | HI 7 | LO	0 - 65535	0 - 100	**X** Formular: x-Coordinate = 0.8 * DMX-Value / 65535
8 | HI 9 | LO	0 - 65535	0 - 100	**Y** Formular: y-Coordinate = 0.8 * DMX-Value / 65535
10	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

Pixel=1 Strobe=On Fan=On

156: RGBS FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
5	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

157: RGBWS FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
5			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
6	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

158: RGBAWS FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
6			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
7	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

159: DIM RGBS FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
6	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

160: DIM RGBWS FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
6			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
7	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

161: DIM RGBAWS FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed → open)
2	0 - 255	0 - 100	**Intensity Red** (0% → 100%)
3	0 - 255	0 - 100	**Intensity Green** (0% → 100%)
4	0 - 255	0 - 100	**Intensity Blue** (0% → 100%)
5	0 - 255	0 - 100	**Intensity Amber** (0% → 100%)
6	0 - 255	0 - 100	**Intensity Emulated White** (0% → 100%)
7			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
8	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

162: RGB CCT DIM IND S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
2	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
3	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
4	 0 - 4 4 - 255	 0 - 1.5 1.6 - 100	**Color Temperature (CCT)** No effect Display color temperature Formula: CCT = 2000 + 20*DMX-Value Example: 50 ➔ 3000K 100 ➔ 4000K 150 ➔ 5000K **CCT overwrites the RGB setting*
5	0..255	0 - 100	**Dimmer** (closed ➔ open)
6	 0..1 2..255	 0 - 0.4 0.8 - 100	**Index Colors** No effect Display Index Colors (full list at the end of this document) **Index Colors overwrites both, RGB and CCT*
7	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz ➔ 25Hz)
8	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

163: D CCT GM CRO RGB S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
6	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
7	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
8	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz ➔ 25Hz)
9	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

164: D CCT GM HUE SAT S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Hue** (0° ➔ 360°)
5	0 - 255	0 - 100	**Saturation** (0% ➔ 100%)
6	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz ➔ 25Hz)
7	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

165: D16 CCT GM C RGB S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 I HI			**Dimmer**
2 I LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6	0 - 255	0 - 100	**Intensity Red** (0% ➔ 100%)
7	0 - 255	0 - 100	**Intensity Green** (0% ➔ 100%)
8	0 - 255	0 - 100	**Intensity Blue** (0% ➔ 100%)
9	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz ➔ 25Hz)
10	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

166: D16 CCT GM H SAT S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed → open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 → 3190K 70 → 3990K 117 → 5494K
4			**Green / Magenta Point**
	0 - 4	0 - 1.5	No effect
	5 - 255	2.0 - 100	-96.1% → 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5 | HI			**Hue**
6 | LO	0 - 65535	0 - 100	0° → 360°
7	0 - 255	0 - 100	**Saturation** (0% → 100%)
8			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
9	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

167: D16 X Y S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 | HI			**Dimmer**
2 | LO	0 - 65535	0 - 100	closed → open
3 | HI			**X**
4 | LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
5 | HI			**Y**
6 | LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
7			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
8	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

174: D CCT GM CRO XY S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0 - 255	0 - 100	**Dimmer** (closed ➔ open)
2	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
3	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
4	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
5 I HI			**X**
6 I LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
7 I HI			**Y**
8 I LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
9	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz ➔ 25Hz)
10	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

175: D16 CCT GM CRO XY S FAN (PIXEL = 1; STROBE = ON; FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1 I HI			**Dimmer**
2 I LO	0 - 65535	0 - 100	closed ➔ open
3	0 - 255	0 - 100	**Color Temperature (CCT)** Formular: CCT = 1750 + 32*DMX-Value Example: 45 ➔ 3190K 70 ➔ 3990K 117 ➔ 5494K
4	 0 - 4 5 - 255	 0 - 1.5 2.0 - 100	**Green / Magenta Point** No effect -96.1% ➔ 100% Formular: G/M = 100% * (DMX-Value/128 - 1)
5	0 - 255	0 - 100	**Crossfade** (0 full CCT, 255 full RGB, smooth fade)
6 I HI			**X**
7 I LO	0 - 65535	0 - 100	Formular: x-Coordinate = 0.8 * DMX-Value / 65535
8 I HI			**Y**
9 I LO	0 - 65535	0 - 100	Formular: y-Coordinate = 0.8 * DMX-Value / 65535
10	 0 - 3 4 5 6 7 - 255	 0 - 1.2 1,6 2.0 2,4 2.7 - 100	**Strobe** Off Random Fast Random Medium Random Slow Variable Strobe (0.4Hz ➔ 25Hz)
11	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

Effect Modes Fan=Off

15: EFFECT MODE FIX

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0..255	0 - 100	**Dimmer of Pixel 1** (closed → open)
2			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
3			**Program**
	0 - 7	0 - 2.7	One Color Static
	8 - 15	3.1 - 5.9	Two Color Static
	16 - 23	6.3 - 9.0	Three Color Static
	24 - 31	9.4 - 12.2	Four Color Static
	32 - 39	12.5 - 15.3	One Color Fade
	40 - 47	15.7 - 18.4	Two Color Fade
	48 - 55	18.8 - 21.6	Three Color Fade
	56 - 63	22.0 - 24.7	Four Color Fade
	64 - 71	25.1 - 27.8	Simple Running
	72 - 79	28.2 - 31.0	Double Running
	80 - 87	31.4 - 34.1	Two Col Running
	88 - 95	34.5 - 37.3	Flag Running
	96 - 101	37.6 - 39.6	Double Flag Running
	102 - 109	40.0 - 42.7	Spiral 4 Color
	110 - 117	43.1 - 45.9	Spiral 2 Color
	118 - 125	46.3 - 49.0	Rainbow
	126 - 133	49.4 - 52.2	Fire
	134 - 141	52.5 - 55.3	Rotor
	142 - 149	55.7 - 58.4	Rotor Split 2
	150 - 157	58.8 - 61.6	Rotor Split 4
4	0..255	0 - 100	**Speed** (slow → fast)
5	0..255	0 - 100	**Crossfade** (no fade → smooth fade)
6			**Direction**
	0 - 63	0 - 24.7	Forward with Loop
	64 - 127	25.1 - 49.8	Forward one time and stop
	128 - 190	50.2 - 74.5	Reverse one time and stop
	191 - 255	74.9 - 100	Reverse with Loop
7			**Size** *Defines the virtual size of the program in groups* *E.g. if SIZE is set to 2 groups only half of the program is shown on the unit.*
	0 - 63	0 - 24.7	1 Group
	64 - 127	25.1 - 49.8	2 Groups
	128 - 190	50.2 - 74.5	3 Groups
	191 - 255	74.9 - 100	4 Groups
8	0..255	0 - 100	**Offset** *If SIZE is set to >1 group, the units' pixels can be shifted within the virtually larger program.* *Increasing the OFFSET parameter scrolls the position of the unit within the virtual large program.*
9	0..255	0 - 100	**Restart Program** *If value is changed, the program starts again from the beginning (useful if DIRECTION is not set to loop).*
10			**Index Colors 1**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
11			**Index Colors 2**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
12			**Index Colors 3**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
13			**Index Colors 4**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)

*Index Colors for 15: EFFECT MODE FIX

CHANNEL	VALUE	PERCENTAGE	FUNCTION
	0..1	0 - 0.4	No effect
	2	0,8	Rose Pink
	3	1,2	Lavender Tint
	4	1,6	Medium Bastard Amber
	7	2,7	Pale Yellow
	8	3,1	Dark Salmon
	9	3,5	Pale Amber Gold
	10	3,9	Medium Yellow
	13	5,1	Straw Tint
	15	5,9	Deep Straw
	17	6,7	Surprise Peach
	19	7,5	Fire
	20	7,8	Medium Amber
	21	8,2	Gold Amber
	22	8,6	Dark Amber
	24	9,4	Scarlet
	25	9,8	Sunset Red
	26	10,2	Bright Red
	27	10,6	Medium Red
	29	11,4	Plasa Red
	35	13,7	Light Pink
	36	14,1	Medium Pink
	46	18,0	Dark Magenta
	48	18,8	Rose Purple
	49	19,2	Medium Purple
	52	20,4	Light Lavender
	53	20,8	Paler Lavender
	58	22,7	Lavender
	61	23,9	Mist Blue
	63	24,7	Pale Blue
	68	26,7	Sky Blue
	71	27,8	Tokyo Blue
	75	29,4	Evening Blue
	79	31,0	Just Blue
	85	33,3	Deeper Blue
	88	34,5	Lime Green
	89	34,9	Moss Green
	90	35,3	Dark Yellow Green
	100	39,2	Spring Yellow
	101	39,6	Yellow
	102	40,0	Light Amber
	103	40,4	Straw
	104	40,8	Deep Amber
	105	41,2	Orange
	106	41,6	Primary Red
	107	42,0	Light Rose
	108	42,4	English Rose
	109	42,7	Light Salmon
	110	43,1	Middle Rose
	111	43,5	Dark Pink
	113	44,3	Magenta
	115	45,1	Peacock Blue
	116	45,5	Medium Blue-Green
	117	45,9	Steel Blue
	118	46,3	Light Blue
	119	46,7	Dark Blue
	120	47,1	Deep Blue
	121	47,5	LEE Green
	122	47,8	Fern Green
	124	48,6	Dark Green
	126	49,4	Mauve
	127	49,8	Smokey Pink
	128	50,2	Bright Pink
	129	50,6	Heavy Frost
	130	51,0	Clear
	131	51,4	Marine Blue

	132	51,8	Medium Blue
	134	52,5	Golden Amber
	135	52,9	Deep Golden Amber
	136	53,3	Pale Lavender
	137	53,7	Special Lavender
	138	54,1	Pale Green
	139	54,5	Primary Green
	140	54,9	Summer Blue
	141	55,3	Bright Blue
	142	55,7	Pale Violet
	143	56,1	Pale Navy Blue
	144	56,5	No Color Blue
	147	57,6	Apricot
	148	58,0	Bright Rose
	151	59,2	Gold Tint
	152	59,6	Pale Gold
	153	60,0	Pale Salmon
	154	60,4	Pale Rose
	156	61,2	Chocolate
	157	61,6	Pink
	158	62,0	Deep Orange
	159	62,4	No Color Straw
	161	63,1	Slate Blue
	162	63,5	Bastard Amber
	164	64,3	Flame Red
	165	64,7	Daylight Blue
	169	66,3	Lilac Tint
	170	66,7	Deep Lavender
	172	67,5	Lagoon Blue
	174	68,2	Dark Steel Blue
	176	69,0	Loving Amber
	179	70,2	Chrome Orange
	180	70,6	Dark Lavender
	181	71,0	Congo Blue
	182	71,4	Light Red
	183	71,8	Moonlight Blue
	184	72,2	Cosmetic Peach
	186	72,9	Cosmetic Silver Rose
	187	73,3	Cosmetic Rouge
	188	73,7	Cosmetic Highlight
	189	74,1	Cosmetic Silver Moss
	191	74,9	Cosmetic Aqua Blue
	192	75,3	Flesh Pink
	194	76,1	Surprise Pink
	195	76,5	Zenith Blue
	196	76,9	True Blue
	197	77,3	Alice Blue
	198	77,6	Palace Blue
	199	78,0	Regal Blue
	200	78,4	Double CT Blue
	201	78,8	Full CT Blue
	202	79,2	1/2 CT Blue
	203	79,6	1/4 CT Blue
	204	80,0	Full CT Orange
	205	80,4	1/2 CT Orange
	206	80,8	1/4 CT Orange
	207	81,2	Full CT Orange +
	208	81,6	Full CT Orange +
	209	82,0	0.3 Neutral Density
	210	82,4	0.6 Neutral Density
	211	82,7	0.9 Neutral Density
	212	83,1	LCT Yellow
	213	83,5	White Flame Green
	216	84,7	White Diffusion
	217	85,1	Blue Diffusion
	218	85,5	1/8 CT Blue
	219	85,9	LEE Fluorescent Green
	220	86,3	White Frost
	221	86,7	Blue Frost
	223	87,5	1/8 CT Orange

	224	87,8	Daylight Blue Frost
	225	88,2	LEE N.D. Frost
	226	88,6	LEE U.V.
	228	89,4	Brushed Silk
	229	89,8	1/4 Tough Spun
	230	90,2	Super Correction
	232	91,0	Super White Flame Green
	236	92,5	H.M.I (To Tungsten)
	237	92,9	C.I.D. (To Tungsten)
	238	93,3	C.S.I. (To Tungsten)
	239	93,7	Polarizer
	241	94,5	LEE Fluorescent 5700 K
	242	94,9	LEE Fluorescent 4300 K
	243	95,3	LEE Fluorescent 3600 K
	244	95,7	LEE Plus Green
	245	96,1	1/2 Plus Green
	246	96,5	1/4 Plus Green
	247	96,9	LEE Minus Green
	248	97,3	1/2 Minus Green
	249	97,6	1/4 Minus Green
	250	98,0	1/2 White Diffusion
	251	98,4	1/4 White Diffusion
	252	98,8	1/8 White Diffusion
	253	99,2	Hampshire Frost
	254	99,6	New Hampshire Frost
	255	100,0	Hollywood Frost

16: EFFECT MODE RGB

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0..255	0 - 100	**Dimmer of Pixel 1** (closed → open)
2			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
3			**Program**
	0 - 7	0 - 2.7	One Color Static
	8 - 15	3.1 - 5.9	Two Color Static
	16 - 23	6.3 - 9.0	Three Color Static
	24 - 31	9.4 - 12.2	Four Color Static
	32 - 39	12.5 - 15.3	One Color Fade
	40 - 47	15.7 - 18.4	Two Color Fade
	48 - 55	18.8 - 21.6	Three Color Fade
	56 - 63	22.0 - 24.7	Four Color Fade
	64 - 71	25.1 - 27.8	Simple Running
	72 - 79	28.2 - 31.0	Double Running
	80 - 87	31.4 - 34.1	Two Col Running
	88 - 95	34.5 - 37.3	Flag Running
	96 - 101	37.6 - 39.6	Double Flag Running
	102 - 109	40.0 - 42.7	Spiral 4 Color
	110 - 117	43.1 - 45.9	Spiral 2 Color
	118 - 125	46.3 - 49.0	Rainbow
	126 - 133	49.4 - 52.2	Fire
	134 - 141	52.5 - 55.3	Rotor
	142 - 149	55.7 - 58.4	Rotor Split 2
	150 - 157	58.8 - 61.6	Rotor Split 4
4	0..255	0 - 100	**Speed** (slow → fast)
5	0..255	0 - 100	**Crossfade** (no fade → smooth fade)
6			**Direction**
	0 - 63	0 - 24.7	Forward with Loop
	64 - 127	25.1 - 49.8	Forward one time and stop
	128 - 190	50.2 - 74.5	Reverse one time and stop
	191 - 255	74.9 - 100	Reverse with Loop
7			**Size** *Defines the virtual size of the program in groups* *E.g. if SIZE is set to 2 groups only half of the program is shown on the unit.*
	0 - 63	0 - 24.7	1 Group
	64 - 127	25.1 - 49.8	2 Groups
	128 - 190	50.2 - 74.5	3 Groups
	191 - 255	74.9 - 100	4 Groups
8	0..255	0 - 100	**Offset** *If SIZE is set to >1 group, the units' pixels can be shifted within the virtually larger program.* *Increasing the OFFSET parameter scrolls the position of the unit within the virtual large program.*
9	0..255	0 - 100	**Restart Program** *If value is changed, the program starts again from the beginning (useful if DIRECTION is not set to loop).*
10	0 - 255	0 - 100	**Intensity Red of Color 1** (0% → 100%)
11	0 - 255	0 - 100	**Intensity Green of Color 1** (0% → 100%)
12	0 - 255	0 - 100	**Intensity Blue of Color 1** (0% → 100%)
13	0 - 255	0 - 100	**Intensity Red of Color 2** (0% → 100%)
14	0 - 255	0 - 100	**Intensity Green of Color 2** (0% → 100%)
15	0 - 255	0 - 100	**Intensity Blue of Color 2** (0% → 100%)
16	0 - 255	0 - 100	**Intensity Red of Color 3** (0% → 100%)
17	0 - 255	0 - 100	**Intensity Green of Color 3** (0% → 100%)
18	0 - 255	0 - 100	**Intensity Blue of Color 3** (0% → 100%)
19	0 - 255	0 - 100	**Intensity Red of Color 4** (0% → 100%)
20	0 - 255	0 - 100	**Intensity Green of Color 4** (0% → 100%)
21	0 - 255	0 - 100	**Intensity Blue of Color 4** (0% → 100%)

Effect Modes Fan=On

176: EFFECT MODE FIX FAN (FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0..255	0 - 100	**Dimmer of Pixel 1** (closed ➔ open)
2			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz ➔ 25Hz)
3			**Program**
	0 - 7	0 - 2.7	One Color Static
	8 - 15	3.1 - 5.9	Two Color Static
	16 - 23	6.3 - 9.0	Three Color Static
	24 - 31	9.4 - 12.2	Four Color Static
	32 - 39	12.5 - 15.3	One Color Fade
	40 - 47	15.7 - 18.4	Two Color Fade
	48 - 55	18.8 - 21.6	Three Color Fade
	56 - 63	22.0 - 24.7	Four Color Fade
	64 - 71	25.1 - 27.8	Simple Running
	72 - 79	28.2 - 31.0	Double Running
	80 - 87	31.4 - 34.1	Two Col Running
	88 - 95	34.5 - 37.3	Flag Running
	96 - 101	37.6 - 39.6	Double Flag Running
	102 - 109	40.0 - 42.7	Spiral 4 Color
	110 - 117	43.1 - 45.9	Spiral 2 Color
	118 - 125	46.3 - 49.0	Rainbow
	126 - 133	49.4 - 52.2	Fire
	134 - 141	52.5 - 55.3	Rotor
	142 - 149	55.7 - 58.4	Rotor Split 2
	150 - 157	58.8 - 61.6	Rotor Split 4
4	0..255	0 - 100	**Speed** (slow ➔ fast)
5	0..255	0 - 100	**Crossfade** (no fade ➔ smooth fade)
6			**Direction**
	0 - 63	0 - 24.7	Forward with Loop
	64 - 127	25.1 - 49.8	Forward one time and stop
	128 - 190	50.2 - 74.5	Reverse one time and stop
	191 - 255	74.9 - 100	Reverse with Loop
7			**Size** *Defines the virtual size of the program in groups* *E.g. if SIZE is set to 2 groups only half of the program is shown on the unit.*
	0 - 63	0 - 24.7	1 Group
	64 - 127	25.1 - 49.8	2 Groups
	128 - 190	50.2 - 74.5	3 Groups
	191 - 255	74.9 - 100	4 Groups
8	0..255	0 - 100	**Offset** *If SIZE is set to >1 group, the units' pixels can be shifted within the virtually larger program.* *Increasing the OFFSET parameter scrolls the position of the unit within the virtual large program.*
9	0..255	0 - 100	**Restart Program** *If value is changed, the program starts again from the beginning (useful if DIRECTION is not set to loop).*
10			**Index Colors 1**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
11			**Index Colors 2**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
12			**Index Colors 3**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
13			**Index Colors 4**
	0..1	0 - 0.4	No effect
	2..255	0.8 - 100	Display Index Colors* (full list below)
14	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

*Index Colors for 176: EFFECT MODE FIX FAN (FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
	0..1	0 - 0.4	No effect
	2	0,8	Rose Pink
	3	1,2	Lavender Tint
	4	1,6	Medium Bastard Amber
	7	2,7	Pale Yellow
	8	3,1	Dark Salmon
	9	3,5	Pale Amber Gold
	10	3,9	Medium Yellow
	13	5,1	Straw Tint
	15	5,9	Deep Straw
	17	6,7	Surprise Peach
	19	7,5	Fire
	20	7,8	Medium Amber
	21	8,2	Gold Amber
	22	8,6	Dark Amber
	24	9,4	Scarlet
	25	9,8	Sunset Red
	26	10,2	Bright Red
	27	10,6	Medium Red
	29	11,4	Plasa Red
	35	13,7	Light Pink
	36	14,1	Medium Pink
	46	18,0	Dark Magenta
	48	18,8	Rose Purple
	49	19,2	Medium Purple
	52	20,4	Light Lavender
	53	20,8	Paler Lavender
	58	22,7	Lavender
	61	23,9	Mist Blue
	63	24,7	Pale Blue
	68	26,7	Sky Blue
	71	27,8	Tokyo Blue
	75	29,4	Evening Blue
	79	31,0	Just Blue
	85	33,3	Deeper Blue
	88	34,5	Lime Green
	89	34,9	Moss Green
	90	35,3	Dark Yellow Green
	100	39,2	Spring Yellow
	101	39,6	Yellow
	102	40,0	Light Amber
	103	40,4	Straw
	104	40,8	Deep Amber
	105	41,2	Orange
	106	41,6	Primary Red
	107	42,0	Light Rose
	108	42,4	English Rose
	109	42,7	Light Salmon
	110	43,1	Middle Rose
	111	43,5	Dark Pink
	113	44,3	Magenta
	115	45,1	Peacock Blue
	116	45,5	Medium Blue-Green
	117	45,9	Steel Blue
	118	46,3	Light Blue
	119	46,7	Dark Blue
	120	47,1	Deep Blue
	121	47,5	LEE Green
	122	47,8	Fern Green
	124	48,6	Dark Green
	126	49,4	Mauve
	127	49,8	Smokey Pink
	128	50,2	Bright Pink
	129	50,6	Heavy Frost
	130	51,0	Clear
	131	51,4	Marine Blue

	132	51,8	Medium Blue
	134	52,5	Golden Amber
	135	52,9	Deep Golden Amber
	136	53,3	Pale Lavender
	137	53,7	Special Lavender
	138	54,1	Pale Green
	139	54,5	Primary Green
	140	54,9	Summer Blue
	141	55,3	Bright Blue
	142	55,7	Pale Violet
	143	56,1	Pale Navy Blue
	144	56,5	No Color Blue
	147	57,6	Apricot
	148	58,0	Bright Rose
	151	59,2	Gold Tint
	152	59,6	Pale Gold
	153	60,0	Pale Salmon
	154	60,4	Pale Rose
	156	61,2	Chocolate
	157	61,6	Pink
	158	62,0	Deep Orange
	159	62,4	No Color Straw
	161	63,1	Slate Blue
	162	63,5	Bastard Amber
	164	64,3	Flame Red
	165	64,7	Daylight Blue
	169	66,3	Lilac Tint
	170	66,7	Deep Lavender
	172	67,5	Lagoon Blue
	174	68,2	Dark Steel Blue
	176	69,0	Loving Amber
	179	70,2	Chrome Orange
	180	70,6	Dark Lavender
	181	71,0	Congo Blue
	182	71,4	Light Red
	183	71,8	Moonlight Blue
	184	72,2	Cosmetic Peach
	186	72,9	Cosmetic Silver Rose
	187	73,3	Cosmetic Rouge
	188	73,7	Cosmetic Highlight
	189	74,1	Cosmetic Silver Moss
	191	74,9	Cosmetic Aqua Blue
	192	75,3	Flesh Pink
	194	76,1	Surprise Pink
	195	76,5	Zenith Blue
	196	76,9	True Blue
	197	77,3	Alice Blue
	198	77,6	Palace Blue
	199	78,0	Regal Blue
	200	78,4	Double CT Blue
	201	78,8	Full CT Blue
	202	79,2	1/2 CT Blue
	203	79,6	1/4 CT Blue
	204	80,0	Full CT Orange
	205	80,4	1/2 CT Orange
	206	80,8	1/4 CT Orange
	207	81,2	Full CT Orange +
	208	81,6	Full CT Orange +
	209	82,0	0.3 Neutral Density
	210	82,4	0.6 Neutral Density
	211	82,7	0.9 Neutral Density
	212	83,1	LCT Yellow
	213	83,5	White Flame Green
	216	84,7	White Diffusion
	217	85,1	Blue Diffusion
	218	85,5	1/8 CT Blue
	219	85,9	LEE Fluorescent Green
	220	86,3	White Frost
	221	86,7	Blue Frost
	223	87,5	1/8 CT Orange

	224	87,8	Daylight Blue Frost
	225	88,2	LEE N.D. Frost
	226	88,6	LEE U.V.
	228	89,4	Brushed Silk
	229	89,8	1/4 Tough Spun
	230	90,2	Super Correction
	232	91,0	Super White Flame Green
	236	92,5	H.M.I (To Tungsten)
	237	92,9	C.I.D. (To Tungsten)
	238	93,3	C.S.I. (To Tungsten)
	239	93,7	Polarizer
	241	94,5	LEE Fluorescent 5700 K
	242	94,9	LEE Fluorescent 4300 K
	243	95,3	LEE Fluorescent 3600 K
	244	95,7	LEE Plus Green
	245	96,1	1/2 Plus Green
	246	96,5	1/4 Plus Green
	247	96,9	LEE Minus Green
	248	97,3	1/2 Minus Green
	249	97,6	1/4 Minus Green
	250	98,0	1/2 White Diffusion
	251	98,4	1/4 White Diffusion
	252	98,8	1/8 White Diffusion
	253	99,2	Hampshire Frost
	254	99,6	New Hampshire Frost
	255	100,0	Hollywood Frost

177: EFFECT MODE RGB FAN (FAN = ON)

CHANNEL	VALUE	PERCENTAGE	FUNCTION
1	0..255	0 - 100	**Dimmer of Pixel 1** (closed → open)
2			**Strobe**
	0 - 3	0 - 1.2	Off
	4	1,6	Random Fast
	5	2.0	Random Medium
	6	2,4	Random Slow
	7 - 255	2.7 - 100	Variable Strobe (0.4Hz → 25Hz)
3			**Program**
	0 - 7	0 - 2.7	One Color Static
	8 - 15	3.1 - 5.9	Two Color Static
	16 - 23	6.3 - 9.0	Three Color Static
	24 - 31	9.4 - 12.2	Four Color Static
	32 - 39	12.5 - 15.3	One Color Fade
	40 - 47	15.7 - 18.4	Two Color Fade
	48 - 55	18.8 - 21.6	Three Color Fade
	56 - 63	22.0 - 24.7	Four Color Fade
	64 - 71	25.1 - 27.8	Simple Running
	72 - 79	28.2 - 31.0	Double Running
	80 - 87	31.4 - 34.1	Two Col Running
	88 - 95	34.5 - 37.3	Flag Running
	96 - 101	37.6 - 39.6	Double Flag Running
	102 - 109	40.0 - 42.7	Spiral 4 Color
	110 - 117	43.1 - 45.9	Spiral 2 Color
	118 - 125	46.3 - 49.0	Rainbow
	126 - 133	49.4 - 52.2	Fire
	134 - 141	52.5 - 55.3	Rotor
	142 - 149	55.7 - 58.4	Rotor Split 2
	150 - 157	58.8 - 61.6	Rotor Split 4
4	0..255	0 - 100	**Speed** (slow → fast)
5	0..255	0 - 100	**Crossfade** (no fade → smooth fade)
6			**Direction**
	0 - 63	0 - 24.7	Forward with Loop
	64 - 127	25.1 - 49.8	Forward one time and stop
	128 - 190	50.2 - 74.5	Reverse one time and stop
	191 - 255	74.9 - 100	Reverse with Loop
7			**Size** *Defines the virtual size of the program in groups* *E.g. if SIZE is set to 2 groups only half of the program is shown on the unit.*
	0 - 63	0 - 24.7	1 Group
	64 - 127	25.1 - 49.8	2 Groups
	128 - 190	50.2 - 74.5	3 Groups
	191 - 255	74.9 - 100	4 Groups
8	0..255	0 - 100	**Offset** *If SIZE is set to >1 group, the units' pixels can be shifted within the virtually larger program.* *Increasing the OFFSET parameter scrolls the position of the unit within the virtual large program.*
9	0..255	0 - 100	**Restart Program** *If value is changed, the program starts again from the beginning (useful if DIRECTION is not set to loop).*
10	0 - 255	0 - 100	**Intensity Red of Color 1** (0% → 100%)
11	0 - 255	0 - 100	**Intensity Green of Color 1** (0% → 100%)
12	0 - 255	0 - 100	**Intensity Blue of Color 1** (0% → 100%)
13	0 - 255	0 - 100	**Intensity Red of Color 2** (0% → 100%)
14	0 - 255	0 - 100	**Intensity Green of Color 2** (0% → 100%)
15	0 - 255	0 - 100	**Intensity Blue of Color 2** (0% → 100%)
16	0 - 255	0 - 100	**Intensity Red of Color 3** (0% → 100%)
17	0 - 255	0 - 100	**Intensity Green of Color 3** (0% → 100%)
18	0 - 255	0 - 100	**Intensity Blue of Color 3** (0% → 100%)
19	0 - 255	0 - 100	**Intensity Red of Color 4** (0% → 100%)
20	0 - 255	0 - 100	**Intensity Green of Color 4** (0% → 100%)
21	0 - 255	0 - 100	**Intensity Blue of Color 4** (0% → 100%)
22	0 - 255	0 - 100	**Fan Control**
	0 - 4	0 - 1.6	Fan Auto Speed
	5 - 35	2 - 13.7	Fan Slow Speed
	36 - 70	14 - 27.5	Fan Medium Speed
	71 - 100	28 - 39	Fan Fast Speed
	101 - 128	40 - 50	Fan Off
	129 - 255	51 - 100	Not Defined

Index Colors

CHANNEL	VALUE	PERCENTAGE	FUNCTION
	0..3	0 - 1,2	No effect
	4	1,6	Medium Bastard Amber
	7	2,7	Pale Yellow
	8	3,1	Dark Salmon
	9	3,5	Pale Amber Gold
	10	3,9	Medium Yellow
	13	5,1	Straw Tint
	15	5,9	Deep Straw
	17	6,7	Surprise Peach
	19	7,5	Fire
	20	7,8	Medium Amber
	21	8,2	Gold Amber
	22	8,6	Dark Amber
	24	9,4	Scarlet
	25	9,8	Sunset Red
	26	10,2	Bright Red
	27	10,6	Medium Red
	29	11,4	Plasa Red
	35	13,7	Light Pink
	36	14,1	Medium Pink
	46	18,0	Dark Magenta
	48	18,8	Rose Purple
	49	19,2	Medium Purple
	52	20,4	Light Lavender
	53	20,8	Paler Lavender
	58	22,7	Lavender
	61	23,9	Mist Blue
	63	24,7	Pale Blue
	68	26,7	Sky Blue
	71	27,8	Tokyo Blue
	75	29,4	Evening Blue
	79	31,0	Just Blue
	85	33,3	Deeper Blue
	88	34,5	Lime Green
	89	34,9	Moss Green
	90	35,3	Dark Yellow Green
	100	39,2	Spring Yellow
	101	39,6	Yellow
	102	40,0	Light Amber
	103	40,4	Straw
	104	40,8	Deep Amber
	105	41,2	Orange
	106	41,6	Primary Red
	107	42,0	Light Rose
	108	42,4	English Rose
	109	42,7	Light Salmon
	110	43,1	Middle Rose
	111	43,5	Dark Pink
	113	44,3	Magenta
	115	45,1	Peacock Blue
	116	45,5	Medium Blue-Green
	117	45,9	Steel Blue
	118	46,3	Light Blue
	119	46,7	Dark Blue
	120	47,1	Deep Blue
	121	47,5	LEE Green
	122	47,8	Fern Green
	124	48,6	Dark Green
	126	49,4	Mauve
	127	49,8	Smokey Pink
	128	50,2	Bright Pink
	129	50,6	Heavy Frost
	130	51,0	Clear
	131	51,4	Marine Blue
	132	51,8	Medium Blue
	134	52,5	Golden Amber

	135	52,9	Deep Golden Amber
	136	53,3	Pale Lavender
	137	53,7	Special Lavender
	138	54,1	Pale Green
	139	54,5	Primary Green
	140	54,9	Summer Blue
	141	55,3	Bright Blue
	142	55,7	Pale Violet
	143	56,1	Pale Navy Blue
	144	56,5	No Color Blue
	147	57,6	Apricot
	148	58,0	Bright Rose
	151	59,2	Gold Tint
	152	59,6	Pale Gold
	153	60,0	Pale Salmon
	154	60,4	Pale Rose
	156	61,2	Chocolate
	157	61,6	Pink
	158	62,0	Deep Orange
	159	62,4	No Color Straw
	161	63,1	Slate Blue
	162	63,5	Bastard Amber
	164	64,3	Flame Red
	165	64,7	Daylight Blue
	169	66,3	Lilac Tint
	170	66,7	Deep Lavender
	172	67,5	Lagoon Blue
	174	68,2	Dark Steel Blue
	176	69,0	Loving Amber
	179	70,2	Chrome Orange
	180	70,6	Dark Lavender
	181	71,0	Congo Blue
	182	71,4	Light Red
	183	71,8	Moonlight Blue
	184	72,2	Cosmetic Peach
	186	72,9	Cosmetic Silver Rose
	187	73,3	Cosmetic Rouge
	188	73,7	Cosmetic Highlight
	189	74,1	Cosmetic Silver Moss
	191	74,9	Cosmetic Aqua Blue
	192	75,3	Flesh Pink
	194	76,1	Surprise Pink
	195	76,5	Zenith Blue
	196	76,9	True Blue
	197	77,3	Alice Blue
	198	77,6	Palace Blue
	199	78,0	Regal Blue
	200	78,4	Double CT Blue
	201	78,8	Full CT Blue
	202	79,2	1/2 CT Blue
	203	79,6	1/4 CT Blue
	204	80,0	Full CT Orange
	205	80,4	1/2 CT Orange
	206	80,8	1/4 CT Orange
	207	81,2	Full CT Orange +
	208	81,6	Full CT Orange +
	209	82,0	0.3 Neutral Density
	210	82,4	0.6 Neutral Density
	211	82,7	0.9 Neutral Density
	212	83,1	LCT Yellow
	213	83,5	White Flame Green
	216	84,7	White Diffusion
	217	85,1	Blue Diffusion
	218	85,5	1/8 CT Blue
	219	85,9	LEE Fluorescent Green
	220	86,3	White Frost
	221	86,7	Blue Frost
	223	87,5	1/8 CT Orange
	224	87,8	Daylight Blue Frost
	225	88,2	LEE N.D. Frost

	226	88,6	LEE U.V.
	228	89,4	Brushed Silk
	229	89,8	1/4 Tough Spun
	230	90,2	Super Correction
	232	91,0	Super White Flame Green
	236	92,5	H.M.I (To Tungsten)
	237	92,9	C.I.D. (To Tungsten)
	238	93,3	C.S.I. (To Tungsten)
	239	93,7	Polarizer
	241	94,5	LEE Fluorescent 5700 K
	242	94,9	LEE Fluorescent 4300 K
	243	95,3	LEE Fluorescent 3600 K
	244	95,7	LEE Plus Green
	245	96,1	1/2 Plus Green
	246	96,5	1/4 Plus Green
	247	96,9	LEE Minus Green
	248	97,3	1/2 Minus Green
	249	97,6	1/4 Minus Green
	250	98,0	1/2 White Diffusion
	251	98,4	1/4 White Diffusion
	252	98,8	1/8 White Diffusion
	253	99,2	Hampshire Frost
	254	99,6	New Hampshire Frost
	255	100,0	Hollywood Frost