

COLOR Series DMX / RDM Mapping

Firmware Version

- Q9 COLOR - V4.0 or newer
- G9 COLOR - V4.0 or newer

- K10 COLOR - V4.15 or newer
- K40 COLOR - V4.0 or newer

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DMX Modes

Q9 COLOR / G9 COLOR / K10 COLOR / K40 COLOR

Standard Modes

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CCT Modes

CCT modes allow white point adjustment using the "CCT" and "Green Adjust" parameters.

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ICT Modes

ICT modes allow white point adjustment like CCT+ modes, but without a "Crossfade" parameter.

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EZ modes do not include "Strobe Frequency" or "Control" parameters, shortening the DMX footprint.

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K10 COLOR / K40 COLOR Only (DMX Control Only)

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K40 COLOR Only (DMX Control Only)

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Notes

- * HSI, RGBW and RGB modes are based on a white point of 6500K. For instance, in HSI mode, when "Saturation"=0%, the fixture produces 6500K white.
- ** In CCTHSI, CCTRGBW, ICTHS and ICTRGBW modes, the white point is determined and can be adjusted by the "CCT" and "Green Adjust" parameters. This applies at any "Crossfade " value in CCTHSI and CCTRGBW modes. The following scenarios illustrate how white point is determined by the "CCT" parameter, given all other parameters being the same.

Scenario 1: In CCTRGBW modes, the following settings produce the 3200K white. Notice that the white remains the same regardless of the "Crossfade" parameter.

CCT=3200K, Xfade=0% &

CCT=3200K, Xfade=100%, W=100% &

CCT=3200K, Xfade=100%, RGB=100% &

CCT=3200K, Xfade=100, RGBW=100%

Scenario 2: In CCTHSI modes, the following settings produce 2800K and 5600K white respectively. Notice that "CCT" is the only differentiating parameter, even when "Crossfade"=100%.

(2800K white) CCT=2800K, Xfade=100%, Sat=0%

(5600K white) CCT=5600K, Xfade=100%, Sat=0%

Scenario 3: In ICTRGBW modes, the following settings produce 3200K and 6500K white respectively. Notice that the "CCT" is the only differentiating parameter.

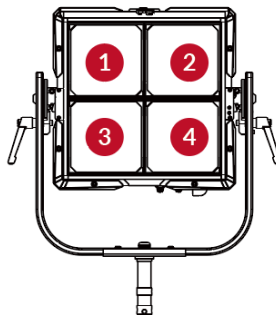
(3200K output) CCT=3200K, RGBW=100%

(5600K output) CCT=6500K, RGBW=100%

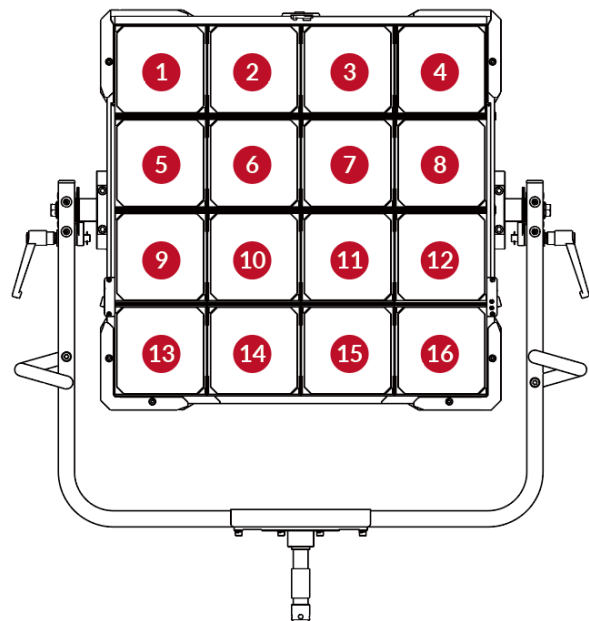
- *** In CCTxy and ICTxy modes, the "CCT" and "Green Adjust" parameters allow slight adjustment of the color temperature and tint for the selected "CIEx" and "CIEy" coordinates. To produce an output true to the CIEx and CIEy coordinates, set "CCT"=6500K and "Green Adjust"=0

Ordering of Pixels

Seen from Front of Fixture



K10 COLOR



K40 COLOR

Control The Control Channel consolidates extraneous parameters in all non-EZ modes

DMX Value	Parameter
0 - 9	Keep current settings. No change
10 - 19	*Motor Enable (default) (20 packets)
20 - 29	*Motor Disable (20 packets)
30 - 39	*Motor speed slow (20 packets)
40 - 49	*Motor speed fast (default) (20 packets)
50 - 59	*Step Motor position calibration (40 packets) (Moto-Q3 Only)
60 - 69	Reserved TBD
70 - 79	Screen Flip Up (default) (20 packets)
80 - 89	Screen Flip Down (20 packets)
90 - 99	Reserved TBD
100 - 109	*seq_px_dim Enable (20 packets)
110 - 119	*seq_px_dim Disable (default) (20 packets)
120 - 129	Intensity Curve Gamma (default) (20 packets)
130 - 139	Intensity Curve Linear (20 packets)
140 - 149	Dimming Smooth (default) (20 packets)
150 - 159	Dimming Sharp (20 packets)
160 - 169	White point 6500K (default) (20 packets)
170 - 179	White point 5600K (20 packets)
180 - 189	White point 3200K (20 packets)
190 - 199	Reserved TBD
200 - 209	Fan Silent (20 packets)
210 - 219	Fan Auto (default) (20 packets) (Fixture auto adjusts)
220 - 229	Fan Full (20 packets)
230 - 239	Fan Off (20 packets)
240 - 249	Reserved TBD
250 - 255	Reserved TBD

Mode 401 (8-bit) / Mode 409 (16-bit) : CCT

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
5	8	Control	See control table		
6	9	Reserved	TBD		

Mode 402 (8-bit) / Mode 410 (16-bit) : HSI

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	Hue	0 - 255	0 - 65,535	0° - 360°
3	5-6	Saturation	0 - 255	0 - 65,535	0% - 100%
4	7	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
5	8	Control	See control table		
6	9	Reserved	TBD		

Mode 403 (8-bit) / Mode 411 (16-bit) : RGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	Intensity Red	0 - 255	0 - 65,535	0% - 100%
3	5-6	Intensity Green	0 - 255	0 - 65,535	0% - 100%
4	7-8	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
5	9-10	Intensity White	0 - 255	0 - 65,535	0% - 100%
6	11	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
7	12	Control	See control table		
8	13	Reserved	TBD		

Mode 406 (8-bit) / Mode 414 (16-bit) : CIExy

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	x	0 - 255	0 - 65,535	0.0 - 0.8
3	5-6	y	0 - 255	0 - 65,535	0.0 - 0.8
4	7	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
5	8	Control	See control table		
6	9	Reserved	TBD		

Mode 407 (8-bit) / Mode 415 (16-bit) : GEL

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3	Gel Filter	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 119 120 - 129 130 - 139 140 - 149 150 - 159 160 - 169 170 - 179 180 - 189 190 - 199 200 - 209 210 - 255		None Bastard Amber Straw Light Amber Light Flame Golden Amber Light Red No Color Pink Middle Rose Light Rose Purple Surprise Pink No Color Blue Daylight Blue Primary Blue Moss Green Blue Green Gel 1 Gel 2 Gel 3 Gel 4 Gel 5 Reserved
3	4	CCT (Disabled for Gel 1-5)	0 - 99 100 - 255		3200K 6500K
4	5	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
5	6	Control	See control table		
6	7	Reserved	TBD		

Mode 440 (8-bit) / Mode 445 (16-bit) : RGB

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Intensity Red	0 - 255	0 - 65,535	0% - 100%
2	3-4	Intensity Green	0 - 255	0 - 65,535	0% - 100%
3	5-6	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
4	7	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
5	8	Control	See control table		
6	9	Reserved	TBD		

Mode 404 (8-bit) / Mode 412 (16-bit) : CCTHSI

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10	Hue	0 - 255	0 - 65,535	0° - 360°
6	11-12	Saturation	0 - 255	0 - 65,535	0% - 100%
7	13	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
8	14	Control	See control table		
9	15	Reserved	TBD		

Mode 405 (8-bit) / Mode 413 (16-bit) : CCTRGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10	Intensity Red	0 - 255	0 - 65,535	0% - 100%
6	11-12	Intensity Green	0 - 255	0 - 65,535	0% - 100%
7	13-14	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
8	15-16	Intensity White	0 - 255	0 - 65,535	0% - 100%
9	17	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
10	18	Control	See control table		
11	19	Reserved	TBD		

Mode 441 (8-bit) / Mode 446 (16-bit) : CCTxy

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10	x	0 - 255	0 - 65,535	0.0 - 0.8
6	11-12	y	0 - 255	0 - 65,535	0.0 - 0.8
7	13	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
8	14	Control	See control table		
9	15	Reserved	TBD		

Mode 442 (8-bit) / Mode 447 (16-bit) : ICTHS

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Hue	0 - 255	0 - 65,535	0° - 360°
5	9-10	Saturation	0 - 255	0 - 65,535	0% - 100%
6	11	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
7	12	Control	See control table		
8	13	Reserved	TBD		

Mode 443 (8-bit) / Mode 448 (16-bit) : ICTRGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Intensity Red	0 - 255	0 - 65,535	0% - 100%
5	9-10	Intensity Green	0 - 255	0 - 65,535	0% - 100%
6	11-12	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
7	13-14	Intensity White	0 - 255	0 - 65,535	0% - 100%
8	15	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
9	16	Control	See control table		
10	17	Reserved	TBD		

Mode 444 (8-bit) / Mode 449 (16-bit) : ICTxy

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	x	0 - 255	0 - 65,535	0.0 - 0.8
5	9-10	y	0 - 255	0 - 65,535	0.0 - 0.8
6	11	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
7	12	Control	See control table		
8	13	Reserved	TBD		

Mode 450 (8-bit) / Mode 463 (16-bit) : EZ CCT

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)

Mode 451 (8-bit) / Mode 464 (16-bit) : EZ HSI

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	Hue	0 - 255	0 - 65,535	0° - 360°
3	5-6	Saturation	0 - 255	0 - 65,535	0% - 100%

Mode 452 (8-bit) / Mode 465 (16-bit) : EZ RGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	Intensity Red	0 - 255	0 - 65,535	0% - 100%
3	5-6	Intensity Green	0 - 255	0 - 65,535	0% - 100%
4	7-8	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
5	9-10	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 455 (8-bit) / Mode 468 (16-bit) : EZ CIE_xy

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	x	0 - 255	0 - 65,535	0.0 - 0.8
3	5-6	y	0 - 255	0 - 65,535	0.0 - 0.8

Mode 453 (8-bit) / Mode 466 (16-bit) : EZ CCTHSI

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10	Hue	0 - 255	0 - 65,535	0° - 360°
6	11-12	Saturation	0 - 255	0 - 65,535	0% - 100%

Mode 454 (8-bit) / Mode 467 (16-bit) : EZ CCTRGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10	Intensity Red	0 - 255	0 - 65,535	0% - 100%
6	11-12	Intensity Green	0 - 255	0 - 65,535	0% - 100%
7	13-14	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
8	15-16	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 457 (8-bit) / Mode 470 (16-bit) : EZ CCTxy

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10	x	0 - 255	0 - 65,535	0.0 - 0.8
6	11-12	y	0 - 255	0 - 65,535	0.0 - 0.8

Mode 458 (8-bit) / Mode 471 (16-bit) : EZ ICTHS

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Hue	0 - 255	0 - 65,535	0° - 360°
5	9-10	Saturation	0 - 255	0 - 65,535	0% - 100%

Mode 459 (8-bit) / Mode 472 (16-bit) : EZ ICTRGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	Intensity Red	0 - 255	0 - 65,535	0% - 100%
5	9-10	Intensity Green	0 - 255	0 - 65,535	0% - 100%
6	11-12	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
7	13-14	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 460 (8-bit) / Mode 473 (16-bit) : EZ ICTxy

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	x	0 - 255	0 - 65,535	0.0 - 0.8
5	9-10	y	0 - 255	0 - 65,535	0.0 - 0.8

Mode 456 (8-bit) / Mode 469 (16-bit) : EZ RGB

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Intensity Red	0 - 255	0 - 65,535	0% - 100%
2	3-4	Intensity Green	0 - 255	0 - 65,535	0% - 100%
3	5-6	Intensity Blue	0 - 255	0 - 65,535	0% - 100%

Mode 461 (8-bit) / Mode 474 (16-bit) : EZ 3200K

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%

Mode 462 (8-bit) / Mode 475 (16-bit) : EZ 5600K

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%

Mode 476 (8-bit) / Mode 477 (16-bit) : ALL MODES

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
1	1-2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3	Color Mode Selection	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109 110 - 119 120 - 129 130 - 255		CCT HSI RGBW CCTHSI CCTRGBW CIExy GEL DEMO RGB CCTxy ICTHS ICTRGBW ICTxy Reserved
3	4-5	Color Parameter 1	See table below		
4	6-7	Color Parameter 2			
5	8-9	Color Parameter 3			
6	10-11	Color Parameter 4			
7	12-13	Color Parameter 5			
8	14-15	Color Parameter 6			
9	16-17	Color Parameter 7			
10	18	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
11	19	Control	See control table		
12	20	Reserved	TBD		

Mode 476 (8-bit) / Mode 477 (16-bit) : ALL MODES (continued 1)

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
CCT					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
HSI					
3	4-5	Hue	0 - 255	0 - 65,535	0° - 360°
4	6-7	Saturation	0 - 255	0 - 65,535	0% - 100%
CIExy					
3	4-5	x	0 - 255	0 - 65,535	0.0 - 0.8
4	6-7	y	0 - 255	0 - 65,535	0.0 - 0.8
RGBW					
3	4-5	INT Red	0 - 255	0 - 65,535	0% - 100%
4	6-7	INT Green	0 - 255	0 - 65,535	0% - 100%
5	8-9	INT Blue	0 - 255	0 - 65,535	0% - 100%
6	10-11	INT White	0 - 255	0 - 65,535	0% - 100%
RGB					
3	4-5	INT Red	0 - 255	0 - 65,535	0% - 100%
4	6-7	INT Green	0 - 255	0 - 65,535	0% - 100%
5	8-9	INT Blue	0 - 255	0 - 65,535	0% - 100%
CCTHSI					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
5	8-9	Crossfade	0 - 255	0 - 65,535	0% - 100%
6	10-11	Hue	0 - 255	0 - 65,535	0° - 360°
7	12-13	Saturation	0 - 255	0 - 65,535	0% - 100%
ICTHS					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
5	8-9	Hue	0 - 255	0 - 65,535	0° - 360°
6	10-11	Saturation	0 - 255	0 - 65,535	0% - 100%

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range
CCTRGBW					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
5	8-9	Crossfade	0 - 255	0 - 65,535	0% - 100%
6	10-11	INT Red	0 - 255	0 - 65,535	0% - 100%
7	12-13	INT Green	0 - 255	0 - 65,535	0% - 100%
8	14-15	INT Blue	0 - 255	0 - 65,535	0% - 100%
9	16-17	INT White	0 - 255	0 - 65,535	0% - 100%
ICTRGBW					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
5	8-9	INT Red	0 - 255	0 - 65,535	0% - 100%
6	10-11	INT Green	0 - 255	0 - 65,535	0% - 100%
7	12-13	INT Blue	0 - 255	0 - 65,535	0% - 100%
8	14-15	INT White	0 - 255	0 - 65,535	0% - 100%
CCTxy					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
5	8-9	Crossfade	0 - 255	0 - 65,535	0% - 100%
6	10-11	x	0 - 255	0 - 65,535	0.0 - 0.8
7	12-13	y	0 - 255	0 - 65,535	0.0 - 0.8
ICTxy					
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
5	8-9	x	0 - 255	0 - 65,535	0.0 - 0.8
6	10-11	y	0 - 255	0 - 65,535	0.0 - 0.8

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value	Range
GEL				
3	4-5	Gel Filter	0 - 9	None
			10 - 19	Bastard Amber
			20 - 29	Straw
			30 - 39	Light Amber
			40 - 49	Light Flame
			50 - 59	Golden Amber
			60 - 69	Light Red
			70 - 79	No Color Pink
			80 - 89	Middle Rose
			90 - 99	Light Rose Purple
			100 - 109	Surprise Pink
			110 - 119	No Color Blue
			120 - 129	Daylight Blue
			130 - 139	Primary Blue
			140 - 149	Moss Green
			150 - 159	Blue Green
			160 - 169	Gel 1
170 - 179	Gel 2			
180 - 189	Gel 3			
190 - 199	Gel 4			
200 - 209	Gel 5			
210 - 255	Reserved			
4	6-7	CCT	0 - 99	3200K
			100 - 255	6500K
DEMO				
3	4-5	Demo Selection	0 - 9	No effect(Stop Effect)
			10 - 19	Candle
			20 - 29	Club light
			30 - 39	Color chase
			40 - 49	Cop car
			50 - 59	Fireworks
			60 - 69	Lightning
			70 - 79	Paparazzi
			80 - 89	Strobe
			90 - 99	Television
			100 - 109	Circular (Only for PIX mode)
			110 - 119	Vertical (Only for PIX mode)
			120 - 129	Horizontal (Only for PIX mode)
			130 - 139	Diagonal (Only for PIX mode)
140 - 255	Reserved for future use			
4	6-7	Function 1	See table below	
5	8-9	Function 2		
6	10-11	Function 3		

Mode 476 (8-bit) / Mode 477 (16-bit) : ALL MODES (continued 2)

		Candle			Fireworks			Television		
8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value	Range	Function	8-bit/16-bit Value	Range	Function	8-bit/16-bit Value	Range
4	6-7	Color	0 - 9 10 - 19 20 - 29	Warmer Neutral Cooler	Color	0 - 9 10 - 19 20 - 29	Color White Color + White	Mode	0 - 9 10 - 19 20 - 29 30 - 39	Action Horror News Romance
5	8-9	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest			
		Club Light			Lightning			Cop Car		
4	6-7	Color	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69	Red Green Blue Cyan Magenta Yellow All colors	Color	0 - 9 10 - 19 20 - 29	Warmer Neutral Cooler	Color	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49 50 - 59 60 - 69 70 - 79 80 - 89 90 - 99 100 - 109	B (Blue) R (Red) A (Amber) W (White) RB RA BA BW AW RBW BRA
5	8-9	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest	Flash Pattern	0 - 9 10 - 19 20 - 29 30 - 39	Single Double Quad Quint
		Color Chase			Paparazzi			Strobe		
4	6-7	Saturation	0 - 255/ 0 - 65,535	0% -100%	Color	0 - 9 10 - 19 20 - 29	Warmer Neutral Cooler	Hue	0 - 255/ 0 - 65,535	0 - 360°
5	8-9	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest	Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest	Saturation	0 - 255/ 0 - 65,535	0% - 100%
6	10-11							Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest

Mode 419 (8-bit) / Mode 422 (16-bit) : PXL4 CIExy

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		x	0 - 255	0 - 65,535	0.0 - 0.8
3	5-6		y	0 - 255	0 - 65,535	0.0 - 0.8
4	7-8	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
5	9-10		x	0 - 255	0 - 65,535	0.0 - 0.8
6	11-12		y	0 - 255	0 - 65,535	0.0 - 0.8
7	13-14	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	15-16		x	0 - 255	0 - 65,535	0.0 - 0.8
9	17-18		y	0 - 255	0 - 65,535	0.0 - 0.8
10	19-20	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
11	21-22		x	0 - 255	0 - 65,535	0.0 - 0.8
12	23-24		y	0 - 255	0 - 65,535	0.0 - 0.8
13	25		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
14	26		Control	See control table		
15	27		Reserved	TBD		

Mode 417 (8-bit) / Mode 420 (16-bit) : PXL4 CCTHSI

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range	
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%	
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K	
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)	
4	7-8		Crossfade	0 - 255	0 - 65,535	0% - 100%	
5	9-10		Hue	0 - 255	0 - 65,535	0° - 360°	
6	11-12		Saturation	0 - 255	0 - 65,535	0% - 100%	
7	13-14	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%	
8	15-16		CCT	0 - 255	0 - 65,535	2000K - 10000K	
9	17-18		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)	
10	19-20		Crossfade	0 - 255	0 - 65,535	0% - 100%	
11	21-22		Hue	0 - 255	0 - 65,535	0° - 360°	
12	23-24		Saturation	0 - 255	0 - 65,535	0% - 100%	
13	25-26	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%	
14	27-28		CCT	0 - 255	0 - 65,535	2000K - 10000K	
15	29-30		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)	
16	31-32		Crossfade	0 - 255	0 - 65,535	0% - 100%	
17	33-34		Hue	0 - 255	0 - 65,535	0° - 360°	
18	35-36		Saturation	0 - 255	0 - 65,535	0% - 100%	
19	37-38	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%	
20	39-40		CCT	0 - 255	0 - 65,535	2000K - 10000K	
21	41-42		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)	
22	43-44		Crossfade	0 - 255	0 - 65,535	0% - 100%	
23	45-46		Hue	0 - 255	0 - 65,535	0° - 360°	
24	47-48		Saturation	0 - 255	0 - 65,535	0% - 100%	
25	49		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz	
26	50		Control	See control table			
27	51		Reserved	TBD			

Mode 418 (8-bit) / Mode 421 (16-bit) : PXL4 CCTRGBW

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8		Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10		Intensity Red	0 - 255	0 - 65,535	0% - 100%
6	11-12		Intensity Green	0 - 255	0 - 65,535	0% - 100%
7	13-14		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
8	15-16		Intensity White	0 - 255	0 - 65,535	0% - 100%
9	17-18	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
10	19-20		CCT	0 - 255	0 - 65,535	2000K - 10000K
11	21-22		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
12	23-24		Crossfade	0 - 255	0 - 65,535	0% - 100%
13	25-26		Intensity Red	0 - 255	0 - 65,535	0% - 100%
14	27-28		Intensity Green	0 - 255	0 - 65,535	0% - 100%
15	29-30		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
16	31-32		Intensity White	0 - 255	0 - 65,535	0% - 100%
17	33-34	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
18	35-36		CCT	0 - 255	0 - 65,535	2000K - 10000K
19	37-38		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
20	39-40		Crossfade	0 - 255	0 - 65,535	0% - 100%
21	41-42		Intensity Red	0 - 255	0 - 65,535	0% - 100%
22	43-44		Intensity Green	0 - 255	0 - 65,535	0% - 100%
23	45-46		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
24	47-48		Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 418 (8-bit) / Mode 421 (16-bit) : PXL4 CCTRGBW

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
25	49-50	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
26	51-52		CCT	0 - 255	0 - 65,535	2000K - 10000K
27	53-54		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
28	55-56		Crossfade	0 - 255	0 - 65,535	0% - 100%
29	57-58		Intensity Red	0 - 255	0 - 65,535	0% - 100%
30	59-60		Intensity Green	0 - 255	0 - 65,535	0% - 100%
31	61-62		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
32	63-64		Intensity White	0 - 255	0 - 65,535	0% - 100%
33	65		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
34	66		Control	See control table		
35	67		Reserved	TBD		

Mode 480 (8-bit) / Mode 484 (16-bit) : PXL4 CCTxy

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8		Crossfade	0 - 255	0 - 65,535	0% - 100%
5	9-10		x	0 - 255	0 - 65,535	0.0 - 0.8
6	11-12		y	0 - 255	0 - 65,535	0.0 - 0.8
7	13-14	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	15-16		CCT	0 - 255	0 - 65,535	2000K - 10000K
9	17-18		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
10	19-20		Crossfade	0 - 255	0 - 65,535	0% - 100%
11	21-22		x	0 - 255	0 - 65,535	0.0 - 0.8
12	23-24		y	0 - 255	0 - 65,535	0.0 - 0.8
13	25-26	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
14	27-28		CCT	0 - 255	0 - 65,535	2000K - 10000K
15	29-30		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
16	31-32		Crossfade	0 - 255	0 - 65,535	0% - 100%
17	33-34		x	0 - 255	0 - 65,535	0.0 - 0.8
18	35-36		y	0 - 255	0 - 65,535	0.0 - 0.8
19	37-38	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
20	39-40		CCT	0 - 255	0 - 65,535	2000K - 10000K
21	41-42		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
22	43-44		Crossfade	0 - 255	0 - 65,535	0% - 100%
23	45-46		x	0 - 255	0 - 65,535	0.0 - 0.8
24	47-48		y	0 - 255	0 - 65,535	0.0 - 0.8
25	49		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
26	50		Control	See control table		
27	51		Reserved	TBD		

Mode 481 (8-bit) / Mode 485 (16-bit) : PXL4 ICTHS

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8		Hue	0 - 255	0 - 65,535	0° - 360°
5	9-10		Saturation	0 - 255	0 - 65,535	0% - 100%
6	11-12	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
7	13-14		CCT	0 - 255	0 - 65,535	2000K - 10000K
8	15-16		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
9	17-18		Hue	0 - 255	0 - 65,535	0° - 360°
10	19-20		Saturation	0 - 255	0 - 65,535	0% - 100%
11	21-22	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
12	23-24		CCT	0 - 255	0 - 65,535	2000K - 10000K
13	25-26		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
14	27-28		Hue	0 - 255	0 - 65,535	0° - 360°
15	29-30		Saturation	0 - 255	0 - 65,535	0% - 100%
16	31-32	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
17	33-34		CCT	0 - 255	0 - 65,535	2000K - 10000K
18	35-36		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
19	37-38		Hue	0 - 255	0 - 65,535	0° - 360°
20	39-40		Saturation	0 - 255	0 - 65,535	0% - 100%
21	41		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
22	42		Control	See control table		
23	43		Reserved	TBD		

Mode 482 (8-bit) / Mode 486 (16-bit) : PXL4 ICTRGBW

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8		Intensity Red	0 - 255	0 - 65,535	0% - 100%
5	9-10		Intensity Green	0 - 255	0 - 65,535	0% - 100%
6	11-12		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
7	13-14		Intensity White	0 - 255	0 - 65,535	0% - 100%
8	15-16	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
9	17-18		CCT	0 - 255	0 - 65,535	2000K - 10000K
10	19-20		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
11	21-22		Intensity Red	0 - 255	0 - 65,535	0% - 100%
12	23-24		Intensity Green	0 - 255	0 - 65,535	0% - 100%
13	25-26		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
14	27-28		Intensity White	0 - 255	0 - 65,535	0% - 100%
15	29-30	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
16	31-32		CCT	0 - 255	0 - 65,535	2000K - 10000K
17	33-34		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
18	35-36		Intensity Red	0 - 255	0 - 65,535	0% - 100%
19	37-38		Intensity Green	0 - 255	0 - 65,535	0% - 100%
20	39-40		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
21	41-42		Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 482 (8-bit) / Mode 486 (16-bit) : PXL4 ICTRGBW

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
22	43-44	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
23	45-46		CCT	0 - 255	0 - 65,535	2000K - 10000K
24	47-48		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
25	49-50		Intensity Red	0 - 255	0 - 65,535	0% - 100%
26	51-52		Intensity Green	0 - 255	0 - 65,535	0% - 100%
27	53-54		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
28	55-56		Intensity White	0 - 255	0 - 65,535	0% - 100%
29	57		Strobe Frequency		0 - 9 10 - 255	Strobe off 1Hz - 25Hz
30	58	Control	See control table			
31	59	Reserved	TBD			

Mode 483 (8-bit) / Mode 487 (16-bit) : PXL4 ICTxy

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8		x	0 - 255	0 - 65,535	0.0 - 0.8
5	9-10		y	0 - 255	0 - 65,535	0.0 - 0.8
6	11-12	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
7	13-14		CCT	0 - 255	0 - 65,535	2000K - 10000K
8	15-16		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
9	17-18		x	0 - 255	0 - 65,535	0.0 - 0.8
10	19-20		y	0 - 255	0 - 65,535	0.0 - 0.8
11	21-22	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
12	23-24		CCT	0 - 255	0 - 65,535	2000K - 10000K
13	25-26		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
14	27-28		x	0 - 255	0 - 65,535	0.0 - 0.8
15	29-30		y	0 - 255	0 - 65,535	0.0 - 0.8
16	31-32	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
17	33-34		CCT	0 - 255	0 - 65,535	2000K - 10000K
18	35-36		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
19	37-38		x	0 - 255	0 - 65,535	0.0 - 0.8
20	39-40		y	0 - 255	0 - 65,535	0.0 - 0.8
21	41		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
22	42		Control	See control table		
23	43		Reserved	TBD		

Mode 488 (8-bit) / Mode 492 (16-bit) : PXL4 EZ CCT

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		CCT	0 - 255	0 - 65,535	2000K - 10000K
3	5-6		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	7-8	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
5	9-10		CCT	0 - 255	0 - 65,535	2000K - 10000K
6	11-12		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
7	13-14	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	15-16		CCT	0 - 255	0 - 65,535	2000K - 10000K
9	17-18		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
10	19-20	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
11	21-22		CCT	0 - 255	0 - 65,535	2000K - 10000K
12	23-24		Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)

K10 COLOR / K40 COLOR Only (DMX Control Only)

Mode 489 (8-bit) / Mode 493 (16-bit) : PXL4 EZ HSI

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		Hue	0 - 255	0 - 65,535	0° - 360°
3	5-6		Saturation	0 - 255	0 - 65,535	0% - 100%
4	7-8	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
5	9-10		Hue	0 - 255	0 - 65,535	0° - 360°
6	11-12		Saturation	0 - 255	0 - 65,535	0% - 100%
7	13-14	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	15-16		Hue	0 - 255	0 - 65,535	0° - 360°
9	17-18		Saturation	0 - 255	0 - 65,535	0% - 100%
10	19-20	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
11	21-22		Hue	0 - 255	0 - 65,535	0° - 360°
12	23-24		Saturation	0 - 255	0 - 65,535	0% - 100%

Mode 490 (8-bit) / Mode 494 (16-bit) : PXL4 EZ RGBW

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	3-4		Intensity Red	0 - 255	0 - 65,535	0% - 100%
3	5-6		Intensity Green	0 - 255	0 - 65,535	0% - 100%
4	7-8		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
5	9-10		Intensity White	0 - 255	0 - 65,535	0% - 100%
6	11-12	2	Master Intensity	0 - 255	0 - 65,535	0% - 100%
7	13-14		Intensity Red	0 - 255	0 - 65,535	0% - 100%
8	15-16		Intensity Green	0 - 255	0 - 65,535	0% - 100%
9	17-18		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
10	19-20		Intensity White	0 - 255	0 - 65,535	0% - 100%
11	21-22	3	Master Intensity	0 - 255	0 - 65,535	0% - 100%
12	23-24		Intensity Red	0 - 255	0 - 65,535	0% - 100%
13	25-26		Intensity Green	0 - 255	0 - 65,535	0% - 100%
14	27-28		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
15	29-30		Intensity White	0 - 255	0 - 65,535	0% - 100%
16	31-32	4	Master Intensity	0 - 255	0 - 65,535	0% - 100%
17	33-34		Intensity Red	0 - 255	0 - 65,535	0% - 100%
18	35-36		Intensity Green	0 - 255	0 - 65,535	0% - 100%
19	37-38		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
20	39-40		Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 491 (8-bit) / Mode 495 (16-bit) : PXL4 EZ RGB

8-bit DMX	16-bit DMX	Pixel	Function	8-bit/16-bit Value		Range
1	1-2	1	Intensity Red	0 - 255	0 - 65,535	0% - 100%
2	3-4		Intensity Green	0 - 255	0 - 65,535	0% - 100%
3	5-6		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
4	7-8	2	Intensity Red	0 - 255	0 - 65,535	0% - 100%
5	9-10		Intensity Green	0 - 255	0 - 65,535	0% - 100%
6	11-12		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
7	13-14	3	Intensity Red	0 - 255	0 - 65,535	0% - 100%
8	15-16		Intensity Green	0 - 255	0 - 65,535	0% - 100%
9	17-18		Intensity Blue	0 - 255	0 - 65,535	0% - 100%
10	19-20	4	Intensity Red	0 - 255	0 - 65,535	0% - 100%
11	21-22		Intensity Green	0 - 255	0 - 65,535	0% - 100%
12	23-24		Intensity Blue	0 - 255	0 - 65,535	0% - 100%

Mode 502 (8-bit) / Mode 505 (16-bit) : PXL16 CIEy

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	4	1-2	7-8	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	5	3-4	9-10	x	0 - 255	0 - 65,535	0.0 - 0.8
3	6	5-6	11-12	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
7	10	13-14	19-20	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	11	15-16	21-22	x	0 - 255	0 - 65,535	0.0 - 0.8
9	12	17-18	23-24	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
13	16	25-26	31-32	Master Intensity	0 - 255	0 - 65,535	0% - 100%
14	17	27-28	33-34	x	0 - 255	0 - 65,535	0.0 - 0.8
15	18	29-30	35-36	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
19	22	37-38	43-44	Master Intensity	0 - 255	0 - 65,535	0% - 100%
20	23	39-40	45-46	x	0 - 255	0 - 65,535	0.0 - 0.8
21	24	41-42	47-48	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
25	28	49-50	55-56	Master Intensity	0 - 255	0 - 65,535	0% - 100%
26	29	51-52	57-58	x	0 - 255	0 - 65,535	0.0 - 0.8
27	30	53-54	59-60	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
31	34	61-62	67-68	Master Intensity	0 - 255	0 - 65,535	0% - 100%
32	35	63-64	69-70	x	0 - 255	0 - 65,535	0.0 - 0.8
33	36	65-66	71-72	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
37	40	73-74	79-80	Master Intensity	0 - 255	0 - 65,535	0% - 100%
38	41	75-76	81-82	x	0 - 255	0 - 65,535	0.0 - 0.8
39	42	77-78	83-84	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
43	46	85-86	91-92	Master Intensity	0 - 255	0 - 65,535	0% - 100%
44	47	87-88	93-94	x	0 - 255	0 - 65,535	0.0 - 0.8
45	48	89-90	95-96	y	0 - 255	0 - 65,535	0.0 - 0.8
49		97		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
50		98		Control	See control table		
51		99		Reserved	TBD		

Mode 500 (8-bit) / Mode 503 (16-bit) : PXL16 CCTHSI

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	7	1-2	13-14	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	8	3-4	15-16	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	9	5-6	17-18	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	10	7-8	19-20	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	11	9-10	21-22	Hue	0 - 255	0 - 65,535	0° - 360°
6	12	11-12	23-24	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
13	19	25-26	37-38	Master Intensity	0 - 255	0 - 65,535	0% - 100%
14	20	27-28	39-40	CCT	0 - 255	0 - 65,535	2000K - 10000K
15	21	29-30	41-42	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
16	22	31-32	43-44	Crossfade	0 - 255	0 - 65,535	0% - 100%
17	23	33-34	45-46	Hue	0 - 255	0 - 65,535	0° - 360°
18	24	35-36	47-48	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
25	31	49-50	61-62	Master Intensity	0 - 255	0 - 65,535	0% - 100%
26	32	51-52	63-64	CCT	0 - 255	0 - 65,535	2000K - 10000K
27	33	53-54	65-66	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
28	34	55-56	67-68	Crossfade	0 - 255	0 - 65,535	0% - 100%
29	35	57-58	69-70	Hue	0 - 255	0 - 65,535	0° - 360°
30	36	59-60	71-72	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
37	43	73-74	85-86	Master Intensity	0 - 255	0 - 65,535	0% - 100%
38	44	75-76	87-88	CCT	0 - 255	0 - 65,535	2000K - 10000K
39	45	77-78	89-90	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
40	46	79-80	91-92	Crossfade	0 - 255	0 - 65,535	0% - 100%
41	47	81-82	93-94	Hue	0 - 255	0 - 65,535	0° - 360°
42	48	83-84	95-96	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
49	55	97-98	109-110	Master Intensity	0 - 255	0 - 65,535	0% - 100%
50	56	99-100	111-112	CCT	0 - 255	0 - 65,535	2000K - 10000K
51	57	101-102	113-114	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
52	58	103-104	115-116	Crossfade	0 - 255	0 - 65,535	0% - 100%
53	59	105-106	117-118	Hue	0 - 255	0 - 65,535	0° - 360°
54	60	107-108	119-120	Saturation	0 - 255	0 - 65,535	0% - 100%

Mode 500 (8-bit) / Mode 503 (16-bit) : PXL16 CCTHSI

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
61	67	121-122	133-134	Master Intensity	0 - 255	0 - 65,535	0% - 100%
62	68	123-124	135-136	CCT	0 - 255	0 - 65,535	2000K - 10000K
63	69	125-126	137-138	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
64	70	127-128	139-140	Crossfade	0 - 255	0 - 65,535	0% - 100%
65	71	129-130	141-142	Hue	0 - 255	0 - 65,535	0° - 360°
66	72	131-132	143-144	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
73	79	145-146	157-158	Master Intensity	0 - 255	0 - 65,535	0% - 100%
74	80	147-148	159-160	CCT	0 - 255	0 - 65,535	2000K - 10000K
75	81	149-150	161-162	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
76	82	151-152	163-164	Crossfade	0 - 255	0 - 65,535	0% - 100%
77	83	153-154	165-166	Hue	0 - 255	0 - 65,535	0° - 360°
78	84	155-156	167-168	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
85	91	169-170	181-182	Master Intensity	0 - 255	0 - 65,535	0% - 100%
86	92	171-172	183-184	CCT	0 - 255	0 - 65,535	2000K - 10000K
87	93	173-174	185-186	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
88	94	175-176	187-188	Crossfade	0 - 255	0 - 65,535	0% - 100%
89	95	177-178	189-190	Hue	0 - 255	0 - 65,535	0° - 360°
90	96	179-180	191-192	Saturation	0 - 255	0 - 65,535	0% - 100%
97		193		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
98		194		Control	See control table		
99		195		Reserved	TBD		

Mode 501 (8-bit) / Mode 504 (16-bit) : PXL16 CCTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	9	1-2	17-18	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	10	3-4	19-20	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	11	5-6	21-22	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	12	7-8	23-24	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	13	9-10	25-26	Intensity Red	0 - 255	0 - 65,535	0% - 100%
6	14	11-12	27-28	Intensity Green	0 - 255	0 - 65,535	0% - 100%
7	15	13-14	29-30	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
8	16	15-16	31-32	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
17	25	33-34	49-50	Master Intensity	0 - 255	0 - 65,535	0% - 100%
18	26	35-36	51-52	CCT	0 - 255	0 - 65,535	2000K - 10000K
19	27	37-38	53-54	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
20	28	39-40	55-56	Crossfade	0 - 255	0 - 65,535	0% - 100%
21	29	41-42	57-58	Intensity Red	0 - 255	0 - 65,535	0% - 100%
22	30	43-44	59-60	Intensity Green	0 - 255	0 - 65,535	0% - 100%
23	31	45-46	61-62	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
24	32	47-48	63-64	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
33	41	65-66	81-82	Master Intensity	0 - 255	0 - 65,535	0% - 100%
34	42	67-68	83-84	CCT	0 - 255	0 - 65,535	2000K - 10000K
35	43	69-70	85-86	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
36	44	71-72	87-88	Crossfade	0 - 255	0 - 65,535	0% - 100%
37	45	73-74	89-90	Intensity Red	0 - 255	0 - 65,535	0% - 100%
38	46	75-76	91-92	Intensity Green	0 - 255	0 - 65,535	0% - 100%
39	47	77-78	93-94	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
40	48	79-80	95-96	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 501 (8-bit) / Mode 504 (16-bit) : PXL16 CCTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
49	57	97-98	113-114	Master Intensity	0 - 255	0 - 65,535	0% - 100%
50	58	99-100	115-116	CCT	0 - 255	0 - 65,535	2000K - 10000K
51	59	101-102	117-118	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
52	60	103-104	119-120	Crossfade	0 - 255	0 - 65,535	0% - 100%
53	61	105-106	121-122	Intensity Red	0 - 255	0 - 65,535	0% - 100%
54	62	107-108	123-124	Intensity Green	0 - 255	0 - 65,535	0% - 100%
55	63	109-110	125-126	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
56	64	111-112	127-128	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
65	73	129-130	145-146	Master Intensity	0 - 255	0 - 65,535	0% - 100%
66	74	131-132	147-148	CCT	0 - 255	0 - 65,535	2000K - 10000K
67	75	133-134	149-150	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
68	76	135-136	151-152	Crossfade	0 - 255	0 - 65,535	0% - 100%
69	77	137-138	153-154	Intensity Red	0 - 255	0 - 65,535	0% - 100%
70	78	139-140	155-156	Intensity Green	0 - 255	0 - 65,535	0% - 100%
71	79	141-142	157-158	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
72	80	143-144	159-160	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
81	89	161-162	177-178	Master Intensity	0 - 255	0 - 65,535	0% - 100%
82	90	163-164	179-180	CCT	0 - 255	0 - 65,535	2000K - 10000K
83	91	165-166	181-182	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
84	92	167-168	183-184	Crossfade	0 - 255	0 - 65,535	0% - 100%
85	93	169-170	185-186	Intensity Red	0 - 255	0 - 65,535	0% - 100%
86	94	171-172	187-188	Intensity Green	0 - 255	0 - 65,535	0% - 100%
87	95	173-174	189-190	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
88	96	175-176	191-192	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 501 (8-bit) / Mode 504 (16-bit) : PXL16 CCTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
97	105	193-194	209-210	Master Intensity	0 - 255	0 - 65,535	0% - 100%
98	106	195-196	211-212	CCT	0 - 255	0 - 65,535	2000K - 10000K
99	107	197-198	213-214	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
100	108	199-200	215-216	Crossfade	0 - 255	0 - 65,535	0% - 100%
101	109	201-202	217-218	Intensity Red	0 - 255	0 - 65,535	0% - 100%
102	110	203-204	219-220	Intensity Green	0 - 255	0 - 65,535	0% - 100%
103	111	205-206	221-222	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
104	112	207-208	223-224	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
113	121	225-226	241-242	Master Intensity	0 - 255	0 - 65,535	0% - 100%
114	122	227-228	243-244	CCT	0 - 255	0 - 65,535	2000K - 10000K
115	123	229-230	245-246	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
116	124	231-232	247-248	Crossfade	0 - 255	0 - 65,535	0% - 100%
117	125	233-234	249-250	Intensity Red	0 - 255	0 - 65,535	0% - 100%
118	126	235-236	251-252	Intensity Green	0 - 255	0 - 65,535	0% - 100%
119	127	237-238	253-254	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
120	128	239-240	255-256	Intensity White	0 - 255	0 - 65,535	0% - 100%
129		257		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
130		258		Control			See control table
131		259		Reserved			TBD

Mode 506 (8-bit) / Mode 510 (16-bit) : PXL16 CCTxy

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	7	1-2	13-14	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	8	3-4	15-16	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	9	5-6	17-18	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	10	7-8	19-20	Crossfade	0 - 255	0 - 65,535	0% - 100%
5	11	9-10	21-22	x	0 - 255	0 - 65,535	0.0 - 0.8
6	12	11-12	23-24	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
13	19	25-26	37-38	Master Intensity	0 - 255	0 - 65,535	0% - 100%
14	20	27-28	39-40	CCT	0 - 255	0 - 65,535	2000K - 10000K
15	21	29-30	41-42	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
16	22	31-32	43-44	Crossfade	0 - 255	0 - 65,535	0% - 100%
17	23	33-34	45-46	x	0 - 255	0 - 65,535	0.0 - 0.8
18	24	35-36	47-48	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
25	31	49-50	61-62	Master Intensity	0 - 255	0 - 65,535	0% - 100%
26	32	51-52	63-64	CCT	0 - 255	0 - 65,535	2000K - 10000K
27	33	53-54	65-66	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
28	34	55-56	67-68	Crossfade	0 - 255	0 - 65,535	0% - 100%
29	35	57-58	69-70	x	0 - 255	0 - 65,535	0.0 - 0.8
30	36	59-60	71-72	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
37	43	73-74	85-86	Master Intensity	0 - 255	0 - 65,535	0% - 100%
38	44	75-76	87-88	CCT	0 - 255	0 - 65,535	2000K - 10000K
39	45	77-78	89-90	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
40	46	79-80	91-92	Crossfade	0 - 255	0 - 65,535	0% - 100%
41	47	81-82	93-94	x	0 - 255	0 - 65,535	0.0 - 0.8
42	48	83-84	95-96	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
49	55	97-98	109-110	Master Intensity	0 - 255	0 - 65,535	0% - 100%
50	56	99-100	111-112	CCT	0 - 255	0 - 65,535	2000K - 10000K
51	57	101-102	113-114	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
52	58	103-104	115-116	Crossfade	0 - 255	0 - 65,535	0% - 100%
53	59	105-106	117-118	x	0 - 255	0 - 65,535	0.0 - 0.8
54	60	107-108	119-120	y	0 - 255	0 - 65,535	0.0 - 0.8

Mode 506 (8-bit) / Mode 510 (16-bit) : PXL16 CCTxy

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
61	67	121-122	133-134	Master Intensity	0 - 255	0 - 65,535	0% - 100%
62	68	123-124	135-136	CCT	0 - 255	0 - 65,535	2000K - 10000K
63	69	125-126	137-138	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
64	70	127-128	139-140	Crossfade	0 - 255	0 - 65,535	0% - 100%
65	71	129-130	141-142	x	0 - 255	0 - 65,535	0.0 - 0.8
66	72	131-132	143-144	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
73	79	145-146	157-158	Master Intensity	0 - 255	0 - 65,535	0% - 100%
74	80	147-148	159-160	CCT	0 - 255	0 - 65,535	2000K - 10000K
75	81	149-150	161-162	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
76	82	151-152	163-164	Crossfade	0 - 255	0 - 65,535	0% - 100%
77	83	153-154	165-166	x	0 - 255	0 - 65,535	0.0 - 0.8
78	84	155-156	167-168	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
85	91	169-170	181-182	Master Intensity	0 - 255	0 - 65,535	0% - 100%
86	92	171-172	183-184	CCT	0 - 255	0 - 65,535	2000K - 10000K
87	93	173-174	185-186	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
88	94	175-176	187-188	Crossfade	0 - 255	0 - 65,535	0% - 100%
89	95	177-178	189-190	x	0 - 255	0 - 65,535	0.0 - 0.8
90	96	179-180	191-192	y	0 - 255	0 - 65,535	0.0 - 0.8
97		193		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
98		194		Control	See control table		
99		195		Reserved	TBD		

Mode 507 (8-bit) / Mode 511 (16-bit) : PXL16 ICTHS

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	6	1-2	11-12	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
2	7	3-4	13-14	CCT	0 - 255	0 - 65, 535	2000K - 10000K
3	8	5-6	15-16	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	9	7-8	17-18	Hue	0 - 255	0 - 65, 535	0° - 360°
5	10	9-10	19-20	Saturation	0 - 255	0 - 65, 535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
11	16	21-22	31-32	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
12	17	23-24	33-34	CCT	0 - 255	0 - 65, 535	2000K - 10000K
13	18	25-26	35-36	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
14	19	27-28	37-38	Hue	0 - 255	0 - 65, 535	0° - 360°
15	20	29-30	39-40	Saturation	0 - 255	0 - 65, 535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
21	26	41-42	51-52	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
22	27	43-44	53-54	CCT	0 - 255	0 - 65, 535	2000K - 10000K
23	28	45-46	55-56	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
24	29	47-48	57-58	Hue	0 - 255	0 - 65, 535	0° - 360°
25	30	49-50	59-60	Saturation	0 - 255	0 - 65, 535	0% - 100%
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
31	36	61-62	71-72	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
32	37	63-64	73-74	CCT	0 - 255	0 - 65, 535	2000K - 10000K
33	38	65-66	75-76	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
34	39	67-68	77-78	Hue	0 - 255	0 - 65, 535	0° - 360°
35	40	69-70	79-80	Saturation	0 - 255	0 - 65, 535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
41	46	81-82	91-92	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
42	47	83-84	93-94	CCT	0 - 255	0 - 65, 535	2000K - 10000K
43	48	85-86	95-96	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)

Mode 507 (8-bit) / Mode 511 (16-bit) : PXL16 ICTHS

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
44	49	87-88	97-98	Hue	0 - 255	0 - 65,535	0° - 360°
45	50	89-90	99-100	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
51	56	101-102	111-112	Master Intensity	0 - 255	0 - 65,535	0% - 100%
52	57	103-104	113-114	CCT	0 - 255	0 - 65,535	2000K - 10000K
53	58	105-106	115-116	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
54	59	107-108	117-118	Hue	0 - 255	0 - 65,535	0° - 360°
55	60	109-110	119-120	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
61	66	121-122	131-132	Master Intensity	0 - 255	0 - 65,535	0% - 100%
62	67	123-124	133-134	CCT	0 - 255	0 - 65,535	2000K - 10000K
63	68	125-126	135-136	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
64	69	127-128	137-138	Hue	0 - 255	0 - 65,535	0° - 360°
65	70	129-130	139-140	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
71	76	141-142	151-152	Master Intensity	0 - 255	0 - 65,535	0% - 100%
72	77	143-144	153-154	CCT	0 - 255	0 - 65,535	2000K - 10000K
73	78	145-146	155-156	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
74	79	147-148	157-158	Hue	0 - 255	0 - 65,535	0° - 360°
75	80	149-150	159-160	Saturation	0 - 255	0 - 65,535	0% - 100%
81		161		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
82		162		Control	See control table		
83		163		Reserved	TBD		

Mode 508 (8-bit) / Mode 512 (16-bit) : PXL16 ICTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	8	1-2	15-16	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	9	3-4	17-18	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	10	5-6	19-20	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	11	7-8	21-22	Intensity Red	0 - 255	0 - 65,535	0% - 100%
5	12	9-10	23-24	Intensity Green	0 - 255	0 - 65,535	0% - 100%
6	13	11-12	25-26	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
7	14	13-14	27-28	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
15	22	29-30	43-44	Master Intensity	0 - 255	0 - 65,535	0% - 100%
16	23	31-32	45-46	CCT	0 - 255	0 - 65,535	2000K - 10000K
17	24	33-34	47-48	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
18	25	35-36	49-50	Intensity Red	0 - 255	0 - 65,535	0% - 100%
19	26	37-38	51-52	Intensity Green	0 - 255	0 - 65,535	0% - 100%
20	27	39-40	53-54	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
21	28	41-42	55-56	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
29	36	57-58	71-72	Master Intensity	0 - 255	0 - 65,535	0% - 100%
30	37	59-60	73-74	CCT	0 - 255	0 - 65,535	2000K - 10000K
31	38	61-62	75-76	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
32	39	63-64	77-78	Intensity Red	0 - 255	0 - 65,535	0% - 100%
33	40	65-66	79-80	Intensity Green	0 - 255	0 - 65,535	0% - 100%
34	41	67-68	81-82	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
35	42	69-70	83-84	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
43	50	85-86	99-100	Master Intensity	0 - 255	0 - 65,535	0% - 100%
44	51	87-88	101-102	CCT	0 - 255	0 - 65,535	2000K - 10000K

Mode 508 (8-bit) / Mode 512 (16-bit) : PXL16 ICTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
45	52	89-90	103-104	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
46	53	91-92	105-106	Intensity Red	0 - 255	0 - 65, 535	0% - 100%
47	54	93-94	107-108	Intensity Green	0 - 255	0 - 65, 535	0% - 100%
48	55	95-96	109-110	Intensity Blue	0 - 255	0 - 65, 535	0% - 100%
49	56	97-98	111-112	Intensity White	0 - 255	0 - 65, 535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
57	64	113-114	127-128	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
58	65	115-116	129-130	CCT	0 - 255	0 - 65, 535	2000K - 10000K
59	66	117-118	131-132	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
60	67	119-120	133-134	Intensity Red	0 - 255	0 - 65, 535	0% - 100%
61	68	121-122	135-136	Intensity Green	0 - 255	0 - 65, 535	0% - 100%
62	69	123-124	137-138	Intensity Blue	0 - 255	0 - 65, 535	0% - 100%
63	70	125-126	139-140	Intensity White	0 - 255	0 - 65, 535	0% - 100%
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
71	78	141-142	155-156	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
72	79	143-144	157-158	CCT	0 - 255	0 - 65, 535	2000K - 10000K
73	80	145-146	159-160	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
74	81	147-148	161-162	Intensity Red	0 - 255	0 - 65, 535	0% - 100%
75	82	149-150	163-164	Intensity Green	0 - 255	0 - 65, 535	0% - 100%
76	83	151-152	165-166	Intensity Blue	0 - 255	0 - 65, 535	0% - 100%
77	84	153-154	167-168	Intensity White	0 - 255	0 - 65, 535	0% - 100%
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
85	92	169-170	183-184	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
86	93	171-172	185-186	CCT	0 - 255	0 - 65, 535	2000K - 10000K
87	94	173-174	187-188	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
88	95	175-176	189-190	Intensity Red	0 - 255	0 - 65, 535	0% - 100%

Mode 508 (8-bit) / Mode 512 (16-bit) : PXL16 ICTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
89	96	177-178	191-192	Intensity Green	0 - 255	0 - 65,535	0% - 100%
90	97	179-180	193-194	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
91	98	181-182	195-196	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
99	106	197-198	211-212	Master Intensity	0 - 255	0 - 65,535	0% - 100%
100	107	199-200	213-214	CCT	0 - 255	0 - 65,535	2000K - 10000K
101	108	201-202	215-216	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
102	109	203-204	217-218	Intensity Red	0 - 255	0 - 65,535	0% - 100%
103	110	205-206	219-220	Intensity Green	0 - 255	0 - 65,535	0% - 100%
104	111	207-208	221-222	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
105	112	209-210	223-224	Intensity White	0 - 255	0 - 65,535	0% - 100%
113		225		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
114		226		Control	See control table		
115		227		Reserved	TBD		

Mode 509 (8-bit) / Mode 513 (16-bit) : PXL16 ICTxy

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	6	1-2	11-12	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
2	7	3-4	13-14	CCT	0 - 255	0 - 65, 535	2000K - 10000K
3	8	5-6	15-16	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
4	9	7-8	17-18	x	0 - 255	0 - 65, 535	0.0 - 0.8
5	10	9-10	19-20	y	0 - 255	0 - 65, 535	0.0 - 0.8
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
11	16	21-22	31-32	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
12	17	23-24	33-34	CCT	0 - 255	0 - 65, 535	2000K - 10000K
13	18	25-26	35-36	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
14	19	27-28	37-38	x	0 - 255	0 - 65, 535	0.0 - 0.8
15	20	29-30	39-40	y	0 - 255	0 - 65, 535	0.0 - 0.8
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
21	26	41-42	51-52	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
22	27	43-44	53-54	CCT	0 - 255	0 - 65, 535	2000K - 10000K
23	28	45-46	55-56	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
24	29	47-48	57-58	x	0 - 255	0 - 65, 535	0.0 - 0.8
25	30	49-50	59-60	y	0 - 255	0 - 65, 535	0.0 - 0.8
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
31	36	61-62	71-72	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
32	37	63-64	73-74	CCT	0 - 255	0 - 65, 535	2000K - 10000K
33	38	65-66	75-76	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
34	39	67-68	77-78	x	0 - 255	0 - 65, 535	0.0 - 0.8
35	40	69-70	79-80	y	0 - 255	0 - 65, 535	0.0 - 0.8
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
41	46	81-82	91-92	Master Intensity	0 - 255	0 - 65, 535	0% - 100%
42	47	83-84	93-94	CCT	0 - 255	0 - 65, 535	2000K - 10000K
43	48	85-86	95-96	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65, 535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)

Mode 509 (8-bit) / Mode 513 (16-bit) : PXL16 ICTxy

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
44	49	87-88	97-98	x	0 - 255	0 - 65,535	0.0 - 0.8
45	50	89-90	99-100	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
51	56	101-102	111-112	Master Intensity	0 - 255	0 - 65,535	0% - 100%
52	57	103-104	113-114	CCT	0 - 255	0 - 65,535	2000K - 10000K
53	58	105-106	115-116	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
54	59	107-108	117-118	x	0 - 255	0 - 65,535	0.0 - 0.8
55	60	109-110	119-120	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
61	66	121-122	131-132	Master Intensity	0 - 255	0 - 65,535	0% - 100%
62	67	123-124	133-134	CCT	0 - 255	0 - 65,535	2000K - 10000K
63	68	125-126	135-136	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
64	69	127-128	137-138	x	0 - 255	0 - 65,535	0.0 - 0.8
65	70	129-130	139-140	y	0 - 255	0 - 65,535	0.0 - 0.8
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
71	76	141-142	151-152	Master Intensity	0 - 255	0 - 65,535	0% - 100%
72	77	143-144	153-154	CCT	0 - 255	0 - 65,535	2000K - 10000K
73	78	145-146	155-156	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
74	79	147-148	157-158	x	0 - 255	0 - 65,535	0.0 - 0.8
75	80	149-150	159-160	y	0 - 255	0 - 65,535	0.0 - 0.8
81	161	Strobe Frequency		0 - 9 10 - 255		Strobe off 1Hz - 25Hz	
82	162	Control		See control table			
83	163	Reserved		TBD			

Mode 514 (8-bit) / Mode 518 (16-bit) : PXL16 EZ CCT

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	4	1-2	7-8	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	5	3-4	9-10	CCT	0 - 255	0 - 65,535	2000K - 10000K
3	6	5-6	11-12	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
7	10	13-14	19-20	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	11	15-16	21-22	CCT	0 - 255	0 - 65,535	2000K - 10000K
9	12	17-18	23-24	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
13	16	25-26	31-32	Master Intensity	0 - 255	0 - 65,535	0% - 100%
14	17	27-28	33-34	CCT	0 - 255	0 - 65,535	2000K - 10000K
15	18	29-30	35-36	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
19	22	37-38	43-44	Master Intensity	0 - 255	0 - 65,535	0% - 100%
20	23	39-40	45-46	CCT	0 - 255	0 - 65,535	2000K - 10000K
21	24	41-42	47-48	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
25	28	49-50	55-56	Master Intensity	0 - 255	0 - 65,535	0% - 100%
26	29	51-52	57-58	CCT	0 - 255	0 - 65,535	2000K - 10000K
27	30	53-54	59-60	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
31	34	61-62	67-68	Master Intensity	0 - 255	0 - 65,535	0% - 100%
32	35	63-64	69-70	CCT	0 - 255	0 - 65,535	2000K - 10000K
33	36	65-66	71-72	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
37	40	73-74	79-80	Master Intensity	0 - 255	0 - 65,535	0% - 100%
38	41	75-76	81-82	CCT	0 - 255	0 - 65,535	2000K - 10000K
39	42	77-78	83-84	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
43	46	85-86	91-92	Master Intensity	0 - 255	0 - 65,535	0% - 100%
44	47	87-88	93-94	CCT	0 - 255	0 - 65,535	2000K - 10000K
45	48	89-90	95-96	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta ~ Full green (-1.0 ~ +1.0)

Mode 515 (8-bit) / Mode 519 (16-bit) : PXL16 EZ HSI

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	4	1-2	7-8	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	5	3-4	9-10	Hue	0 - 255	0 - 65,535	0° - 360°
3	6	5-6	11-12	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
7	10	13-14	19-20	Master Intensity	0 - 255	0 - 65,535	0% - 100%
8	11	15-16	21-22	Hue	0 - 255	0 - 65,535	0° - 360°
9	12	17-18	23-24	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
13	16	25-26	31-32	Master Intensity	0 - 255	0 - 65,535	0% - 100%
14	17	27-28	33-34	Hue	0 - 255	0 - 65,535	0° - 360°
15	18	29-30	35-36	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
19	22	37-38	43-44	Master Intensity	0 - 255	0 - 65,535	0% - 100%
20	23	39-40	45-46	Hue	0 - 255	0 - 65,535	0° - 360°
21	24	41-42	47-48	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
25	28	49-50	55-56	Master Intensity	0 - 255	0 - 65,535	0% - 100%
26	29	51-52	57-58	Hue	0 - 255	0 - 65,535	0° - 360°
27	30	53-54	59-60	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
31	34	61-62	67-68	Master Intensity	0 - 255	0 - 65,535	0% - 100%
32	35	63-64	69-70	Hue	0 - 255	0 - 65,535	0° - 360°
33	36	65-66	71-72	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
37	40	73-74	79-80	Master Intensity	0 - 255	0 - 65,535	0% - 100%
38	41	75-76	81-82	Hue	0 - 255	0 - 65,535	0° - 360°
39	42	77-78	83-84	Saturation	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
43	46	85-86	91-92	Master Intensity	0 - 255	0 - 65,535	0% - 100%
44	47	87-88	93-94	Hue	0 - 255	0 - 65,535	0° - 360°
45	48	89-90	95-96	Saturation	0 - 255	0 - 65,535	0% - 100%

Mode 516 (8-bit) / Mode 520 (16-bit) : PXL16 EZ RGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	6	1-2	11-12	Master Intensity	0 - 255	0 - 65,535	0% - 100%
2	7	3-4	13-14	Intensity Red	0 - 255	0 - 65,535	0% - 100%
3	8	5-6	15-16	Intensity Green	0 - 255	0 - 65,535	0% - 100%
4	9	7-8	17-18	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
5	10	9-10	19-20	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
11	16	21-22	31-32	Master Intensity	0 - 255	0 - 65,535	0% - 100%
12	17	23-24	33-34	Intensity Red	0 - 255	0 - 65,535	0% - 100%
13	18	25-26	35-36	Intensity Green	0 - 255	0 - 65,535	0% - 100%
14	19	27-28	37-38	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
15	20	29-30	39-40	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
21	26	41-42	51-52	Master Intensity	0 - 255	0 - 65,535	0% - 100%
22	27	43-44	53-54	Intensity Red	0 - 255	0 - 65,535	0% - 100%
23	28	45-46	55-56	Intensity Green	0 - 255	0 - 65,535	0% - 100%
24	29	47-48	57-58	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
25	30	49-50	59-60	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
31	36	61-62	71-72	Master Intensity	0 - 255	0 - 65,535	0% - 100%
32	37	63-64	73-74	Intensity Red	0 - 255	0 - 65,535	0% - 100%
33	38	65-66	75-76	Intensity Green	0 - 255	0 - 65,535	0% - 100%
34	39	67-68	77-78	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
35	40	69-70	79-80	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
41	46	81-82	91-92	Master Intensity	0 - 255	0 - 65,535	0% - 100%
42	47	83-84	93-94	Intensity Red	0 - 255	0 - 65,535	0% - 100%
43	48	85-86	95-96	Intensity Green	0 - 255	0 - 65,535	0% - 100%
44	49	87-88	97-98	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
45	50	89-90	99-100	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 516 (8-bit) / Mode 520 (16-bit) : PXL16 EZ RGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
51	56	101-102	111-112	Master Intensity	0 - 255	0 - 65,535	0% - 100%
52	57	103-104	113-114	Intensity Red	0 - 255	0 - 65,535	0% - 100%
53	58	105-106	115-116	Intensity Green	0 - 255	0 - 65,535	0% - 100%
54	59	107-108	117-118	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
55	60	109-110	119-120	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
61	66	121-122	131-132	Master Intensity	0 - 255	0 - 65,535	0% - 100%
62	67	123-124	133-134	Intensity Red	0 - 255	0 - 65,535	0% - 100%
63	68	125-126	135-136	Intensity Green	0 - 255	0 - 65,535	0% - 100%
64	69	127-128	137-138	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
65	70	129-130	139-140	Intensity White	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
71	76	141-142	151-152	Master Intensity	0 - 255	0 - 65,535	0% - 100%
72	77	143-144	153-154	Intensity Red	0 - 255	0 - 65,535	0% - 100%
73	78	145-146	155-156	Intensity Green	0 - 255	0 - 65,535	0% - 100%
74	79	147-148	157-158	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
75	80	149-150	159-160	Intensity White	0 - 255	0 - 65,535	0% - 100%

Mode 517 (8-bit) / Mode 521 (16-bit) : PXL16 EZ RGB

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
Pixel 1	Pixel 2	Pixel 1	Pixel 2				
1	4	1-2	7-8	Intensity Red	0 - 255	0 - 65,535	0% - 100%
2	5	3-4	9-10	Intensity Green	0 - 255	0 - 65,535	0% - 100%
3	6	5-6	11-12	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 3	Pixel 4	Pixel 3	Pixel 4				
7	10	13-14	19-20	Intensity Red	0 - 255	0 - 65,535	0% - 100%
8	11	15-16	21-22	Intensity Green	0 - 255	0 - 65,535	0% - 100%
9	12	17-18	23-24	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 5	Pixel 6	Pixel 5	Pixel 6				
13	16	25-26	31-32	Intensity Red	0 - 255	0 - 65,535	0% - 100%
14	17	27-28	33-34	Intensity Green	0 - 255	0 - 65,535	0% - 100%
15	18	29-30	35-36	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 7	Pixel 8	Pixel 7	Pixel 8				
19	22	37-38	43-44	Intensity Red	0 - 255	0 - 65,535	0% - 100%
20	23	39-40	45-46	Intensity Green	0 - 255	0 - 65,535	0% - 100%
21	24	41-42	47-48	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 9	Pixel 10	Pixel 9	Pixel 10				
25	28	49-50	55-56	Intensity Red	0 - 255	0 - 65,535	0% - 100%
26	29	51-52	57-58	Intensity Green	0 - 255	0 - 65,535	0% - 100%
27	30	53-54	59-60	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 11	Pixel 12	Pixel 11	Pixel 12				
31	34	61-62	67-68	Intensity Red	0 - 255	0 - 65,535	0% - 100%
32	35	63-64	69-70	Intensity Green	0 - 255	0 - 65,535	0% - 100%
33	36	65-66	71-72	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 13	Pixel 14	Pixel 13	Pixel 14				
37	40	73-74	79-80	Intensity Red	0 - 255	0 - 65,535	0% - 100%
38	41	75-76	81-82	Intensity Green	0 - 255	0 - 65,535	0% - 100%
39	42	77-78	83-84	Intensity Blue	0 - 255	0 - 65,535	0% - 100%
Pixel 15	Pixel 16	Pixel 15	Pixel 16				
43	46	85-86	91-92	Intensity Red	0 - 255	0 - 65,535	0% - 100%
44	47	87-88	93-94	Intensity Green	0 - 255	0 - 65,535	0% - 100%
45	48	89-90	95-96	Intensity Blue	0 - 255	0 - 65,535	0% - 100%

RDM Commands

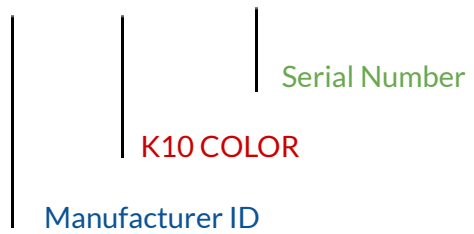
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RDM Identification

Manufacturer ID	Device Model ID	Device Label Device	Model Name
6124	44	FLXK10CLR	K10 COLOR
	47	FLXK40CLR	K40 COLOR

UID Example

612444010002



DMX Personality Identification

Personality Description			Description
Q9/G9	K10	K40	[Decimal Data: Mode Description (Footprint)]
1	1	1	401: CCT 8-bit (Footprint 6)
2	2	2	402: HSI 8-bit (Footprint 6)
3	3	3	403: RGBW 8-bit (Footprint 8)
4	4	4	404: CCTHSI 8-bit (Footprint 9)
5	5	5	405: CCTRGBW 8-bit (Footprint 11)
6	6	6	406: CIExy 8-bit (Footprint 6)
7	7	7	407: GEL 8-bit (Footprint 6)
8	8	8	409: CCT 16-bit (Footprint 9)
9	9	9	410: HSI 16-bit (Footprint 9)
10	10	10	411: RGBW 16-bit (Footprint 13)
11	11	11	412: CCTHSI 16-bit (Footprint 15)
12	12	12	413: CCTRGBW 16-bit (Footprint 19)
13	13	13	414: CIExy 16-bit (Footprint 9)
14	14	14	415: GEL 16-bit (Footprint 7)
-	15	15	417: PXL4 CCTHSI 8-bit (Footprint 27)
-	16	16	418: PXL4 CCTRGBW 8-bit (Footprint 35)
-	17	17	419: PXL4 CIExy 8-bit (Footprint 15)
-	18	18	420: PXL4 CCTHSI 16-bit (Footprint 51)
-	19	19	421: PXL4 CCTRGBW 16-bit (Footprint 67)
-	20	20	422: PXL4 CIExy 16-bit (Footprint 27)
15	21	21	440: RGB 8-bit (Footprint 6)
16	22	22	441: CCTxy 8-bit (Footprint 9)
17	23	23	442: ICTHS 8-bit (Footprint 8)
18	24	24	443: ICTRGBW 8-bit (Footprint 10)
19	25	25	444: ICTxy 8-bit (Footprint 8)
20	26	26	445: RGB 16-bit (Footprint 9)
21	27	27	446: CCTxy 16-bit (Footprint 15)
22	28	28	447: ICTHS 16-bit (Footprint 13)
23	29	29	448: ICTRGBW 16-bit (Footprint 17)
24	30	30	449: ICTxy 16-bit (Footprint 13)
25	31	31	450: EZ CCT 8-bit (Footprint 3)
26	32	32	451: EZ HSI 8-bit (Footprint 3)
27	33	33	452: EZ RGBW 8-bit (Footprint 5)
28	34	34	453: EZ CCTHSI 8-bit (Footprint 6)

DMX Personality Identification

Personality Description			Description
Q9/G9	K10	K40	[Decimal Data: Mode Description (Footprint)]
29	35	35	454: EZ CCTRGBW 8-bit (Footprint 8)
30	36	36	455: EZ CIExy 8-bit (Footprint 3)
31	37	37	456: EZ RGB 8-bit (Footprint 3)
32	38	38	457: EZ CCTxy 8-bit (Footprint 6)
33	39	39	458: EZ ICTHS 8-bit (Footprint 5)
34	40	40	459: EZ ICTRGBW 8-bit (Footprint 7)
35	41	41	460: EZ ICTxy 8-bit (Footprint 5)
36	42	42	461: EZ 3200K 8-bit (Footprint 1)
37	43	43	462: EZ 5600K 8-bit (Footprint 1)
38	44	44	463: EZ CCT 16-bit (Footprint 6)
39	45	45	464: EZ HSI 16-bit (Footprint 6)
40	46	46	465: EZ RGBW 16-bit (Footprint 10)
41	47	47	466: EZ CCTHSI 16-bit (Footprint 12)
42	48	48	467: EZ CCTRGBW 16-bit (Footprint 16)
43	49	49	468: EZ CIExy 16-bit (Footprint 6)
44	50	50	469: EZ RGB 16-bit (Footprint 6)
45	51	51	470: EZ CCTxy 16-bit (Footprint 12)
46	52	52	471: EZ ICTHS 16-bit (Footprint 10)
47	53	53	472: EZ ICTRGBW 16-bit (Footprint 14)
48	54	54	473: EZ ICTxy 16-bit (Footprint 10)
49	55	55	474: EZ 3200K 16-bit (Footprint 2)
50	56	56	475: EZ 5600K 16-bit (Footprint 2)
51	57	57	476: ALL MODES 8-bit (Footprint 12)
52	58	58	477: ALL MODES 16-bit (Footprint 20)
-	59	59	480: PXL4 CCTxy 8-bit (Footprint 27)
-	60	60	481: PXL4 ICTHS 8-bit (Footprint 23)
-	61	61	482: PXL4 ICTRGBW 8-bit (Footprint 31)
-	62	62	483: PXL4 ICTxy 8-bit (Footprint 23)
-	63	63	484: PXL4 CCTxy 16-bit (Footprint 51)
-	64	64	485: PXL4 ICTHS 16-bit (Footprint 43)
-	65	65	486: PXL4 ICTRGBW 16-bit (Footprint 59)
-	66	66	487: PXL4 ICTxy 16-bit (Footprint 43)
-	67	67	488: PXL4 EZ CCT 8-bit (Footprint 12)
-	68	68	489: PXL4 EZ HSI 8-bit (Footprint 12)

DMX Personality Identification

Personality Description			Description
Q9/G9	K10	K40	[Decimal Data: Mode Description (Footprint)]
-	69	69	490: PXL4 EZ RGBW 8-bit (Footprint 20)
-	70	70	491: PXL4 EZ RGB 8-bit (Footprint 12)
-	71	71	492: PXL4 EZ CCT 16-bit (Footprint 24)
-	72	72	493: PXL4 EZ HSI 16-bit (Footprint 24)
-	73	73	494: PXL4 EZ RGBW 16-bit (Footprint 40)
-	74	74	495: PXL4 EZ RGB 16-bit (Footprint 24)
-	-	75	500: PXL16 CCTHSI 8-bit (Footprint 99)
-	-	76	501: PXL16 CCTRGBW 8-bit (Footprint 131)
-	-	77	502: PXL16 CIExy 8-bit (Footprint 51)
-	-	78	503: PXL16 CCTHSI 16-bit (Footprint 195)
-	-	79	504: PXL16 CCTRGBW 16-bit (Footprint 259)
-	-	80	505: PXL16 CIExy 16-bit (Footprint 99)
-	-	81	506: PXL16 CCTxy 8-bit (Footprint 99)
-	-	82	507: PXL16 ICTHS 8-bit (Footprint 83)
-	-	83	508: PXL16 ICTRGBW 8-bit (Footprint 115)
-	-	84	509: PXL16 ICTxy 8-bit (Footprint 83)
-	-	85	510: PXL16 CCTxy 16-bit (Footprint 195)
-	-	86	511: PXL16 ICTHS 16-bit (Footprint 163)
-	-	87	512: PXL16 ICTRGBW 16-bit (Footprint 227)
-	-	88	513: PXL16 ICTxy 16-bit (Footprint 163)
-	-	89	514: PXL16 EZ CCT 8-bit (Footprint 48)
-	-	90	515: PXL16 EZ HSI 8-bit (Footprint 48)
-	-	91	516: PXL16 EZ RGBW 8-bit (Footprint 80)
-	-	92	517: PXL16 EZ RGB 8-bit (Footprint 48)
-	-	93	518: PXL16 EZ CCT 16-bit (Footprint 96)
-	-	94	519: PXL16 EZ HSI 16-bit (Footprint 96)
-	-	95	520: PXL16 EZ RGBW 16-bit (Footprint 160)
-	-	96	521: PXL16 EZ RGB 16-bit (Footprint 96)
53	75	97	DEMO 16-bit (Footprint 17)
54	76	98	Preset A
55	77	99	Preset B

Network Management

Command	PID	Description
DISC UNIQUE BRANCH	0x0001	Devices respond to discovery messages.
DISC MUTE	0x0002	Mute the device.
DISC UNMUTE	0x0003	Unmute the device.

Status Collection (For Art-Net)

Command	PID	Description
QUEUED MESSAGE	0x0020	The QUEUED_MESSAGE parameter shall be used to retrieve a message from the responder's message queue.

RDM Information

Command	PID	Description
SUPPORTED PARAMETERS	0x0050	Support required only if supporting parameters beyond the minimum required set.
PARAMETER DESCRIPTION	0x0051	Retrieves a list of all manufacturer commands (\geq 0x8000).

Product Information

Command	PID	Description
DEVICE INFO	0x0060	This parameter is used to retrieve a variety of information about the device that is normally required by a controller
DEVICE MODEL DESCRIPTION	0x0080	This parameter provides a text description of up to 32 characters for the device model type.
MANUFACTURER LABEL	0x0081	This parameter provides an ASCII text response of up to 32 characters with the Manufacturer name for the device. The Manufacturer name must be consistent between all products manufactured within an ESTA Manufacturer ID.
DEVICE LABEL	0x0082	This parameter provides a means of setting a descriptive label for each device.
SOFTWARE VERSION LABEL	0x00C0	This parameter is used to get a descriptive ASCII text label for the device's operating software version.

DMX512 Setup

Command	PID	Description
DMX PERSONALITY	0x00E0	This parameter is used to set the responder's DMX512 Personality.
DMX PERSONALITY DESCRIPTION	0x00E1	This parameter is used to get a descriptive ASCII text label for a given DMX512 Personality.
DMX START ADDRESS	0x00F0	This parameter is used to set or get the DMX512 start address.

Sensors

Command	PID	Description
SENSOR_DEFINITION	0x0200	This parameter is used to get a descriptive ASCII text label for the device temperature.
SENSOR_VALUE	0x0201	Retrieve or set the temperature from the controller PCBA, driver1-8 PCBAs and Array1-8.

Dimmer Settings (not yet supported) RDM ANSI E1.37 version

Command	PID	Description
CURVE	0x0343	Retrieve or set a dimmer curve. 1 : Linear 2 : Gamma
CURVE DESCRIPTION	0x0344	This parameter is used to get a descriptive ASCII text label for a given curve.

Power/Lamp Settings

Command	PID	Description
DEVICE HOURS	0x0400	This parameter is used to retrieve or set the number of hours of operation the device has been in use.
LAMP HOURS	0x0401	This parameter is used to retrieve the number of lamp hours or to set the counter in the device to a specific starting value.

Control

Command	PID	Description
IDENTIFY DEVICE	0x1000	This parameter is used for the user to physically identify the device represented by the UID.

Manufacturer Command (not yet supported)

Command	PID	Description
WHITE POINT	0x8001	GET/SET Range 2000 ~ 10000 Kelvin Applies to HSI, RGBW and RGB modes
FIILEX_FAN	0x8002	GET/SET 0:Silent, 1:Auto, 2:Full speed, 3:OFF
FIILEX_ERROR	0x8003	GET Filex error code
FIILEX_CIEXY	0x8004	GET Format: (X, Y) Range: X: 0~0.8 Y: 0~0.8