



COLOR Series DMX / RDM Mapping

Firmware Version

- Q3 COLOR-LR – V2.0 or newer
- Q5 COLOR – V2.0 or newer
- Q8 COLOR – V2.0 or newer
- Q10 COLOR-LR – V2.0 or newer
- P3 COLOR – V2.0 or newer
- G3 COLOR – V2.0 or newer
- Matrix COLOR – V2.0 or newer
- QUAD COLOR – V2.0 or newer

Table of Contents	Page
DMX Modes	2
RDM Commands	<u>55</u>

DMX Modes

P3 COLOR / Q5 COLOR / Q8 COLOR / Q10 COLOR-LR / Matrix COLOR / QUAD COLOR

Standard Modes

Mode	8-bit (DMX Footprint)	16-bit (DMX Footprint)	Page
CCT	Mode 1 (6)	Mode 9 (10)	<u>5</u>
HSI *	Mode 2 (6)	Mode 10 (10)	<u>6</u>
RGBW *	Mode 3 (8)	Mode 11 (14)	<u>7</u>
CIExy	Mode 6 (6)	Mode 14 (10)	<u>8</u>
GEL	Mode 7 (6)	Mode 15 (8)	<u>9</u>
RGB *	Mode 40 (6)	Mode 45 (9)	<u>10</u>

CCT+ Modes

CCT+ modes allow white point adjustment using the “CCT” and “Green Adjust” parameters.

CCT + HSI **	Mode 4 (9)	Mode 12 (16)	<u>11</u>
CCT + RGBW **	Mode 5 (11)	Mode 13 (20)	<u>12</u>
CCT + xy ***	Mode 41 (9)	Mode 46 (15)	<u>13</u>

ICT Modes

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

ICTHS **	Mode 42 (9)	Mode 47 (14)	<u>14</u>
ICTRGBW **	Mode 43 (11)	Mode 48 (18)	<u>15</u>
ICTxy ***	Mode 44 (9)	Mode 49 (14)	<u>16</u>

EZ Modes

EZ modes do not include “Fan Setting”, “Dimming Setting”, or “Strobe Frequency” parameters, shortening the DMX footprint.

EZ CCT	Mode 50 (3)	Mode 63 (6)	<u>17</u>
EZ HSI *	Mode 51 (3)	Mode 64 (6)	<u>17</u>
EZ RGBW *	Mode 52 (5)	Mode 65 (10)	<u>17</u>
EZ CIExy	Mode 55 (3)	Mode 68 (6)	<u>18</u>
EZ CCT + HSI **	Mode 53 (6)	Mode 66 (12)	<u>18</u>
EZ CCT + RGBW **	Mode 54 (8)	Mode 67 (16)	<u>18</u>
EZ CCT + xy ***	Mode 57 (6)	Mode 70 (12)	<u>19</u>
EZ ICTHS **	Mode 58 (5)	Mode 71 (10)	<u>19</u>
EZ ICTRGBW **	Mode 59 (7)	Mode 72 (14)	<u>20</u>
EZ ICTxy ***	Mode 60 (5)	Mode 73 (10)	<u>20</u>
EZ RGB *	Mode 56 (3)	Mode 69 (6)	<u>20</u>
EZ 3200K	Mode 61 (1)	Mode 74 (2)	<u>21</u>
EZ 5600K	Mode 62 (1)	Mode 75 (2)	<u>21</u>

ALL Modes

Mode	8-bit (DMX Footprint)	16-bit (DMX Footprint)	Page
ALL MODES	Mode 76 (12)	Mode 77 (20)	<u>22</u>

Matrix COLOR and QUAD COLOR Only (DMX Control Only)

PXL4 Modes

Mode	8-bit (DMX Footprint)	16-bit (DMX Footprint)	Page
PXL4 CIE _{xy}	Mode 19 (15)	Mode 22 (28)	<u>26</u>
PXL4 CCT + HSI **	Mode 17 (27)	Mode 20 (52)	<u>27</u>
PXL4 CCT + RGBW **	Mode 18 (35)	Mode 21 (68)	<u>28</u>
PXL4 CCT + xy ***	Mode 80 (27)	Mode 84 (51)	<u>29</u>
PXL4 ICTHS **	Mode 81 (24)	Mode 85 (44)	<u>30</u>
PXL4 ICTRGBW **	Mode 82 (32)	Mode 86 (60)	<u>31</u>
PXL4 ICT _{xy} ***	Mode 83 (24)	Mode 87 (44)	<u>32</u>
PXL4 EZ CCT	Mode 88 (12)	Mode 92 (24)	<u>33</u>
PXL4 EZ HSI *	Mode 89 (12)	Mode 93 (24)	<u>33</u>
PXL4 EZ RGBW *	Mode 90 (20)	Mode 94 (40)	<u>34</u>
PXL4 EZ RGB *	Mode 91 (12)	Mode 95 (24)	<u>34</u>

QUAD COLOR Only (DMX Control Only)

PXL16 Modes

Mode	8-bit (DMX Footprint)	16-bit (DMX Footprint)	Page
PXL16 CIE _{xy}	Mode 102 (51)	Mode 105 (99)	<u>35</u>
PXL16 CCT + HSI **	Mode 100 (99)	Mode 103 (195)	<u>36</u>
PXL16 CCT + RGBW **	Mode 101 (131)	Mode 104 (259)	<u>38</u>
PXL16 CCT + xy ***	Mode 106 (99)	Mode 110 (195)	<u>41</u>
PXL16 ICTHS **	Mode 107 (84)	Mode 111 (164)	<u>43</u>
PXL16 ICTRGBW **	Mode 108 (116)	Mode 112 (228)	<u>45</u>
PXL16 ICT _{xy} ***	Mode 109 (84)	Mode 113 (164)	<u>48</u>
PXL16 EZ CCT	Mode 114 (48)	Mode 118 (96)	<u>50</u>
PXL16 EZ HSI *	Mode 115 (48)	Mode 119 (96)	<u>51</u>
PXL16 EZ RGBW *	Mode 116 (80)	Mode 120 (160)	<u>52</u>
PXL16 EZ RGB *	Mode 117 (48)	Mode 121 (96)	<u>54</u>

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 CCT+HSI, CCT+RGBW, 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 CCT+HSI and CCT+RGBW modes. The following scenarios illustrate how white point is determined by the "CCT" parameter, given all other parameters being the same.

Scenario 1: In CCT+RGBW 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 CCT+HSI 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.

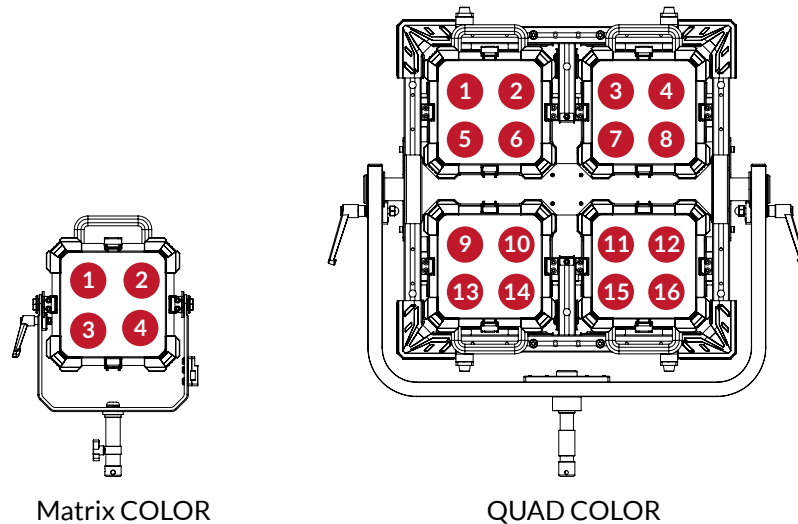
(3200K output) CCT=3200K, RGBW=100%

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

*** In CCT+xy 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"=0.00.

Ordering of Pixels

Seen from Front of Fixture



Mode 1 (8-bit) / Mode 9 (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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
5	8	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
6	9	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	10	Reserved	TBD		

Mode 2 (8-bit) / Mode 10 (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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
5	8	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
6	9	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	10	Reserved	TBD		

Mode 3 (8-bit) / Mode 11 (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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
7	12	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
8	13	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	14	Reserved	TBD		

Mode 6 (8-bit) / Mode 14 (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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
5	8	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
6	9	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	10	Reserved	TBD		

Mode 7 (8-bit) / Mode 15 (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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
5	6	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
6	7	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	8	Reserved			TBD

Mode 40 (8-bit) / Mode 45 (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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
5	8	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
6	9	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

Mode 4 (8-bit) / Mode 12 (16-bit) : CCT + 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	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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
8	14	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
9	15	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	16	Reserved	TBD		

Mode 5 (8-bit) / Mode 13 (16-bit) : CCT + 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	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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
10	18	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
11	19	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	20	Reserved	TBD		

Mode 41 (8-bit) / Mode 46 (16-bit) : CCT + 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	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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
8	14	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
9	15	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

Mode 42 (8-bit) / Mode 47 (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	Reserved	TBD		
7	12	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
8	13	Dimming Setting	0 - 9 10 - 99 100 - 255	Use current setting in fixture Sharp dimming Smooth dimming	
9	14	Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	

Mode 43 (8-bit) / Mode 48 (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	Reserved	TBD		
9	16	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
10	17	Dimming Setting	0 - 9 10 - 99 100 - 255	Use current setting in fixture Sharp dimming Smooth dimming	
11	18	Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	

Mode 44 (8-bit) / Mode 49 (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	Reserved	TBD		
7	12	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
8	13	Dimming Setting	0 - 9 10 - 99 100 - 255	Use current setting in fixture Sharp dimming Smooth dimming	
9	14	Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	

Mode 50 (8-bit) / Mode 63 (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 51 (8-bit) / Mode 64 (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 52 (8-bit) / Mode 65 (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 55 (8-bit) / Mode 68 (16-bit) : EZ 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

Mode 53 (8-bit) / Mode 66 (16-bit) : EZ CCT + 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	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 54 (8-bit) / Mode 67 (16-bit) : EZ CCT + 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	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 57 (8-bit) / Mode 70 (16-bit) : EZ CCT + 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	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 58 (8-bit) / Mode 71 (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 59 (8-bit) / Mode 72 (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 60 (8-bit) / Mode 73 (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 56 (8-bit) / Mode 69 (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 61 (8-bit) / Mode 74 (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 62 (8-bit) / Mode 75 (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 76 (8-bit) / Mode 77 (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 CCT + HSI CCT + RGBW CIExy GEL EFFECTS RGB CCT + xy 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	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use current setting in fixture Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
11	19	Dimming Setting	0 - 9 10 - 99 100 - 255		Use current setting in fixture Sharp dimming Smooth dimming
12	20	Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

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

		GEL							
8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value			Range			
3	4	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			
		ICTRGBW				ICTxy			
8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range	Function	8-bit/16-bit Value		Range
3	4-5	CCT	0 - 255	0 - 65,535	2000K - 10000K	Hue	0 - 255	0 - 65,535	0° - 360°
4	6-7	Green Adjust	0 - 9 10 - 255	0 - 9 10 - 65,535	Neutral (0) Full magenta - Full green (-1.0 ~ +1.0)	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%	x	0 - 255	0 - 65,535	0.0 - 0.8
6	10-11	INT Green	0 - 255	0 - 65,535	0% - 100%	y	0 - 255	0 - 65,535	0.0 - 0.8
7	12-13	INT Blue	0 - 255	0 - 65,535	0% - 100%	Reserved	TBD	-	TBD
8	14-15	NT White	0 - 255	0 - 65,535	0% - 100%				
9	-	Reserved	TBD	-	TBD				
		CIExy							
8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value		Range				
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				

		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		
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 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		
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	Saturation	0 - 255	0% -100%	Color	0 - 9 10 - 19 20 - 29	Warmer Neutral Cooler	Hue	0 - 255	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% - 100%
6	10-11							Speed	0 - 9 10 - 19 20 - 29 30 - 39 40 - 49	Slowest Slower Medium Faster Fastest



Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 19 (8-bit) / Mode 22 (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	Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
14	26		Dimming Setting	0 - 9 10 - 99 100 - 255		Use dimming setting of fixture menu Sharp dimming Smooth dimming
15	27		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz
-	28		Reserved			TBD



Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 17 (8-bit) / Mode 20 (16-bit) : PXL4 CCT + 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		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	Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
26	50		Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming	
27	51		Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	
-	52		Reserved		TBD	



Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 18 (8-bit) / Mode 21 (16-bit) : PXL4 CCT + 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		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		Master Intensity	0 - 255	0 - 65,535	0% - 100%
10	19-20	2	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		Master Intensity	0 - 255	0 - 65,535	0% - 100%
18	35-36		3	CCT	0 - 255	0 - 65,535
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%
25	49-50	Master Intensity		0 - 255	0 - 65,535	0% - 100%
26	51-52	4		CCT	0 - 255	0 - 65,535
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		Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
34	66			Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming
35	67	Strobe Frequency		0 - 9 10 - 255	Strobe off 1Hz - 25Hz	
-	68	Reserved			TBD	

Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 80 (8-bit) / Mode 84 (16-bit) : PXL4 CCT + xy						
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	Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
26	50		Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming	
27	51		Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	



Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 81 (8-bit) / Mode 85 (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		Reserved	TBD		
22	42	Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
23	43		Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming	
24	44		Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	

Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 82 (8-bit) / Mode 86 (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%
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		Reserved	TBD		
30	58	Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
31	59		Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming	
32	60		Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	



Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 83 (8-bit) / Mode 87 (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		Reserved	TBD		
22	42	Fixture Setting (Not Specific to Any Pixels.)	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
23	43		Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming	
24	44		Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	

Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 88 (8-bit) / Mode 92 (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)

Mode 89 (8-bit) / Mode 93 (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%

Matrix COLOR and QUAD COLOR Only (DMX Control Only)

Mode 90 (8-bit) / Mode 94 (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 91 (8-bit) / Mode 95 (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%

QUAD COLOR Only (DMX Control Only)

Mode 102 (8-bit) / Mode 105 (16-bit) : PXL16 CIExy

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	MasterIntensity	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	MasterIntensity	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	MasterIntensity	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	MasterIntensity	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	MasterIntensity	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	MasterIntensity	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	MasterIntensity	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	MasterIntensity	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			Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
50	98			Dimming Setting	0 - 9 10 - 99 100 - 255		Use dimming setting of fixture menu Sharp dimming Smooth dimming
51	99			Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

QUAD COLOR Only (DMX Control Only)

Mode 100 (8-bit) / Mode 103 (16-bit) : PXL16 CCT + HSI

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 100 (8-bit) / Mode 103 (16-bit) : PXL16 CCT + HSI

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		Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
98		194		Dimming Setting	0 - 9 10 - 99 100 - 255		Use dimming setting of fixture menu Sharp dimming Smooth dimming
99		195		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

QUAD COLOR Only (DMX Control Only)

Mode 101 (8-bit) / Mode 104 (16-bit) : PXL16 CCT + RGBW							
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%
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%

Mode 101 (8-bit) / Mode 104 (16-bit) : PXL16 CCT + RGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
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%
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%

Mode 101 (8-bit) / Mode 104 (16-bit) : PXL16 CCT + RGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value	Range
129	257	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
130	258	Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming
131	259	Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz

QUAD COLOR Only (DMX Control Only)

Mode 106 (8-bit) / Mode 110 (16-bit) : PXL16 CCT + xy							
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 106 (8-bit) / Mode 110 (16-bit) : PXL16 CCT + xy

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		Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
98		194		Dimming Setting	0 - 9 10 - 99 100 - 255		Use dimming setting of fixture menu Sharp dimming Smooth dimming
99		195		Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

QUAD COLOR Only (DMX Control Only)

Mode 107 (8-bit) / Mode 111 (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)
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%

Mode 107 (8-bit) / Mode 111 (16-bit) : PXL16 ICTHS

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	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			Reserved	TBD		
82	162			Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)	
83	163			Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming	
84	164			Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz	

QUAD COLOR Only (DMX Control Only)

Mode 108 (8-bit) / Mode 112 (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
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%

Mode 108 (8-bit) / Mode 112 (16-bit) : PXL16 ICTRGBW

8-bit DMX		16-bit DMX		Function	8-bit/16-bit Value		Range
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%
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%

Mode 108 (8-bit) / Mode 112 (16-bit) : PXL16 ICTRGBW

8-bit DMX	16-bit DMX	Function	8-bit/16-bit Value	Range
113	225	Reserved		TBD
114	226	Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255	Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
115	227	Dimming Setting	0 - 9 10 - 99 100 - 255	Use dimming setting of fixture menu Sharp dimming Smooth dimming
116	228	Strobe Frequency	0 - 9 10 - 255	Strobe off 1Hz - 25Hz

QUAD COLOR Only (DMX Control Only)

Mode 109 (8-bit) / Mode 113 (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)
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

Mode 109 (8-bit) / Mode 113 (16-bit) : PXL16 ICTxy

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	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			Reserved			TBD
82	162			Fan Setting	0 - 9 10 - 69 70 - 129 130 - 189 190 - 255		Use fan setting of fixture menu Silent (Fan speed fixed) Auto (Fan speed variable) Fan full speed (Fan speed fixed) Fan off (Fan is off)
83	163			Dimming Setting	0 - 9 10 - 99 100 - 255		Use dimming setting of fixture menu Sharp dimming Smooth dimming
84	164			Strobe Frequency	0 - 9 10 - 255		Strobe off 1Hz - 25Hz

QUAD COLOR Only (DMX Control Only)

Mode 114 (8-bit) / Mode 118 (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)

QUAD COLOR Only (DMX Control Only)

Mode 115 (8-bit) / Mode 119 (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%

QUAD COLOR Only (DMX Control Only)

Mode 116 (8-bit) / Mode 120 (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 116 (8-bit) / Mode 120 (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%

QUAD COLOR Only (DMX Control Only)

Mode 117 (8-bit) / Mode 121 (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%



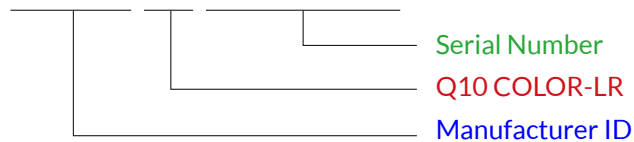
RDM Commands

Table of Contents	Page
RDM Identification	56
DMX Personality Identification	57
Network Management	62
Status Collection	62
RDM Information	62
Product Information	62
DMX512 Setup	63
Dimmer Settings RDM E1.37 version (not supported yet)	63
Power/Lamp Settings	63
Control	63
Manufacturer Command	64

RDM Identification			
Manufacturer ID	Device Model ID	Device Label Device	Model Name
6124	30	FLXP3CLR	P3 COLOR
	31	FLXQ5CLR	Q5 COLOR
	32	FLXQ8CLR	Q8 COLOR
	33	FLXMXCLR	Matrix COLOR
	35	FLXQ10CLRLR	Q10 COLOR-LR
	36	FLXQUADCLR	QUAD COLOR
	37	FLXQ8CLRLR	Q8 COLOR-LR
	3A	FLXG3CLR	G3 COLOR
	3B	FLXQ3CLRLR	Q3 COLOR-LR

UID Example

612435010002



DMX Personality Identification		
Identification	Hex	Description [Decimal Data: Mode Description (Footprint)]
Personality Description 1	0x01	1: CCT 8-Bit (Footprint 6)
Personality Description 2	0x02	2: HSI 8-Bit (Footprint 6)
Personality Description 3	0x03	3: RGBW 8-Bit (Footprint 8)
Personality Description 4	0x04	4: CCTHSI 8-Bit (Footprint 9)
Personality Description 5	0x05	5: CCTRGBW 8-Bit (Footprint 11)
Personality Description 6	0x06	6: CIExy 8-Bit (Footprint 6)
Personality Description 7	0x07	7: Gels 8-Bit (Footprint 6)
Personality Description 9	0x09	9: CCT 16-Bit (Footprint 10)
Personality Description 10	0x0A	10: HSI 16-Bit (Footprint 10)
Personality Description 11	0x0B	11: RGBW 16-Bit (Footprint 14)
Personality Description 12	0x0C	12: CCTHSI 16-Bit (Footprint 16)
Personality Description 13	0x0D	13: CCTRGBW 16-Bit (Footprint 20)
Personality Description 14	0x0E	14: CIExy 16-Bit (Footprint 10)
Personality Description 15	0x0F	15: Gels 16-Bit (Footprint 8)
Personality Description 17	0x11	17: PXL4 CCTHSI 8-Bit (Footprint 27) Matrix and Quad Only
Personality Description 18	0x12	18: PXL4 CCTRGBW 8-Bit (Footprint 35) Matrix and Quad Only
Personality Description 19	0x13	19: PXL4 CIExy 8-Bit (Footprint 15) Matrix and Quad Only
Personality Description 20	0x14	20: PXL4 CCTHSI 16-Bit (Footprint 52) Matrix and Quad Only
Personality Description 21	0x15	21: PXL4 CCTRGBW 16-Bit (Footprint 68) Matrix and Quad Only

Personality Description 22	0x16	22: PXL4 CIExy 16-Bit (Footprint 28) Matrix and Quad Only
Personality Description 23~39		Reserved
Personality Description 40	0x28	40: RGB 8-Bit (Footprint 6)
Personality Description 41	0x29	41: CCTXY 8-Bit (Footprint 9)
Personality Description 42	0x2A	42: ICTHS 8-Bit (Footprint 9)
Personality Description 43	0x2B	43: ICTRGBW 8-Bit (Footprint 11)
Personality Description 44	0x2C	44: ICTXY 8-Bit (Footprint 9)
Personality Description 45	0x2D	45: RGB 16-Bit (Footprint 9)
Personality Description 46	0x2E	46: CCTXY 16-Bit (Footprint 15)
Personality Description 47	0x2F	47: ICTHS 16-Bit (Footprint 14)
Personality Description 48	0x30	48: ICTRGBW 16-Bit (Footprint 18)
Personality Description 49	0x31	49: ICTXY 16-Bit (Footprint 15)
Personality Description 50	0x32	50: EZ_CCT 8-Bit (Footprint 3)
Personality Description 51	0x33	51: EZ_HSI 8-Bit (Footprint 3)
Personality Description 52	0x34	52: EZ_RGBW 8-Bit (Footprint 5)
Personality Description 53	0x35	53: EZ_CCTHSI 8-Bit (Footprint 6)
Personality Description 54	0x36	54: EZ_CCTRGBW 8-Bit (Footprint 8)
Personality Description 55	0x37	55: EZ_XY 8-Bit (Footprint 3)
Personality Description 56	0x38	56: EZ_RGB 8-Bit (Footprint 3)
Personality Description 57	0x39	57: EZ_CCTXY 8-Bit (Footprint 6)

Personality Description 58	0x3A	58: EZ_ICTHS 8-Bit (Footprint 5)
Personality Description 59	0x3B	59: EZ_ICTRGBW 8-Bit (Footprint 7)
Personality Description 60	0x3C	60: EZ_ICTXY 8-Bit (Footprint 5)
Personality Description 61	0x3D	61: EZ_3200K 8-Bit (Footprint 1)
Personality Description 62	0x3E	62: EZ_5600K 8-Bit (Footprint 1)
Personality Description 63	0x3F	63: EZ_CCT 16-Bit (Footprint 6)
Personality Description 64	0x40	64: EZ_HSI 16-Bit (Footprint 6)
Personality Description 65	0x41	65: EZ_RGBW 16-Bit (Footprint 10)
Personality Description 66	0x42	66: EZ_CCTHSI 16-Bit (Footprint 12)
Personality Description 67	0x43	67: EZ_CCTRGBW 16-Bit (Footprint 16)
Personality Description 68	0x44	68: EZ_XY 16-Bit (Footprint 6)
Personality Description 69	0x45	69: EZ_RGB 16-Bit (Footprint 6)
Personality Description 70	0x46	70: EZ_CCTXY 16-Bit (Footprint 12)
Personality Description 71	0x47	71: EZ_ICTHS 16-Bit (Footprint 10)
Personality Description 72	0x48	72: EZ_ICTRGBW 16-Bit (Footprint 14)
Personality Description 73	0x49	73: EZ_ICTXY 16-Bit (Footprint 10)
Personality Description 74	0x4A	74: EZ_3200K 16-Bit (Footprint 2)
Personality Description 75	0x4B	75: EZ_5600K 16-Bit (Footprint 2)
Personality Description 76-79		Reserved
Personality Description 80	0x50	80: PXL4 CCTXY 8-Bit (Footprint 27) Matrix and Quad Only

Personality Description 81	0x51	81: PXL4 ICTHS 8-Bit (Footprint 24) Matrix and Quad Only
Personality Description 82	0x52	82: PXL4 ICTRGBW 8-Bit (Footprint 32) Matrix and Quad Only
Personality Description 83	0x53	83: PXL4 ICTXY 8-Bit (Footprint 24) Matrix and Quad Only
Personality Description 84	0x54	84: PXL4 CCTXY 16-Bit (Footprint 51) Matrix and Quad Only
Personality Description 85	0x55	85: PXL4 ICTHS 16-Bit (Footprint 44) Matrix and Quad Only
Personality Description 86	0x56	86: PXL4 ICTRGBW 16-Bit (Footprint 60) Matrix and Quad Only
Personality Description 87	0x57	87: PXL4 ICTXY 16-Bit (Footprint 44) Matrix and Quad Only
Personality Description 88	0x58	88: PXL4 EZ_CCT 8-Bit (Footprint 12) Matrix and Quad Only
Personality Description 89	0x59	89: PXL4 EZ_HSI 8-Bit (Footprint 12) Matrix and Quad Only
Personality Description 90	0x5A	90: PXL4 EZ_RGBW 8-Bit (Footprint 20) Matrix and Quad Only
Personality Description 91	0x5B	91: PXL4 EZ_RGB 8-Bit (Footprint 12) Matrix and Quad Only
Personality Description 92	0x5C	92: PXL4 EZ_CCT 16-Bit (Footprint 24) Matrix and Quad Only
Personality Description 93	0x5D	93: PXL4 EZ_HSI 16-Bit (Footprint 24) Matrix and Quad Only
Personality Description 94	0x5E	94: PXL4 EZ_RGBW 16-Bit (Footprint 40) Matrix and Quad Only
Personality Description 95	0x5F	95: PXL4 EZ_RGB 16-Bit (Footprint 24) Matrix and Quad Only
Personality Description 96~99		Reserved
Personality Description 100	0x64	100: PXL16 CCTHSI 8-Bit (Footprint 99) Quad Color Only
Personality Description 101	0x65	101: PXL16 CCTRGBW 8-Bit (Footprint 131) Quad Color Only
Personality Description 102	0x66	102: PXL16 CIExy 8-Bit (Footprint 51) Quad Color Only
Personality Description 103	0x67	103: PXL16 CCTHSI 16-Bit (Footprint 195) Quad Color Only

Personality Description 104	0x68	104: PXL16 CCTRGBW 16-Bit (Footprint 259) Quad Color Only
Personality Description 105	0x69	105: PXL16 CIExy 16-Bit (Footprint 99) Quad Color Only
Personality Description 106	0x6A	106: PXL16 CCTXY 8-Bit (Footprint 99) Quad Color Only
Personality Description 107	0x6B	107: PXL16 ICTHS 8-Bit (Footprint 84) Quad Color Only
Personality Description 108	0x6C	108: PXL16 ICTRGBW 8-Bit (Footprint 116) Quad Color Only
Personality Description 109	0x6D	109: PXL16 ICTXY 8-Bit (Footprint 84) Quad Color Only
Personality Description 110	0x6E	110: PXL16 CCTXY 16-Bit (Footprint 195) Quad Color Only
Personality Description 111	0x6F	111: PXL16 ICTHS 16-Bit (Footprint 164) Quad Color Only
Personality Description 112	0x70	112: PXL16 ICTRGBW 16-Bit (Footprint 228) Quad Color Only
Personality Description 113	0x71	113: PXL16 ICTXY 16-Bit (Footprint 164) Quad Color Only
Personality Description 114	0x72	114: PXL16 EZ_CCT 8-Bit (Footprint 48) Quad Color Only
Personality Description 115	0x73	115: PXL16 EZ_HSI 8-Bit (Footprint 48) Quad Color Only
Personality Description 116	0x74	116: PXL16 EZ_RGBW 8-Bit (Footprint 80) Quad Color Only
Personality Description 117	0x75	117: PXL16 EZ_RGB 8-Bit (Footprint 48) Quad Color Only
Personality Description 118	0x76	118: PXL16 EZ_CCT 16-Bit (Footprint 96) Quad Color Only
Personality Description 119	0x77	119: PXL16 EZ_HSI 16-Bit (Footprint 96) Quad Color Only
Personality Description 120	0x78	120: PXL16 EZ_RGBW 16-Bit (Footprint 160) Quad Color Only
Personality Description 121	0x79	121: PXL16 EZ_RGB 16-Bit (Footprint 96) Quad Color Only

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	0x0050	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.

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 (P3, Q5, Q8 and Quad Color)

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:Variable, 2:Full speed, 3:OFF
FIILEX_ERROR	0x8003	GET Fiilex error code
FIILEX_CIEXY	0x8004	GET Format: (X, Y) Range: X: 0~0.8 Y: 0~0.8