

DMX CHART

COLORado PXL Bar 8
V1.250428



DMX Values

Single Control: Tour Mode (105CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇔ 255	0–100%
2	Fine tilt	000 ⇔ 255	0–100%
3	Tilt speed	000 ⇔ 255	0–100%
4	CTC	000 001 ⇔ 255	No function Color temperature, 1900–2700 K
5	Color	000 001 ⇔ 002 003 ⇔ 004 005 ⇔ 006 007 ⇔ 008 009 ⇔ 010 011 012 ⇔ 048 049 050 ⇔ 086 087 088 ⇔ 124 125 126 ⇔ 162 163 164 ⇔ 200 201 202 ⇔ 238 239 240 ⇔ 247 248 ⇔ 255	No function White 2700K R = 156 G = 118 B = 0 W = 63 White 3200K R = 156 G = 141 B = 5 W = 89 White 4200K R = 156 G = 141 B = 14 W = 255 White 5600K R = 156 G = 207 B = 54 W = 255 White 8000K R = 130 G = 255 B = 96 W = 255 Blue R = 0 G = 0 B = 255 W = 0 + Green R = 0 G = 0–255 B = 255 W = 0 Cyan R = 0 G = 255 B = 255 W = 0 - Blue R = 0 G = 255 B = 255–0 W = 0 Green R = 0 G = 255 B = 0 W = 0 + Red R = 0–255 G = 255 B = 0 W = 0 Yellow R = 255 G = 255 B = 0 W = 0 - Green R = 255 G = 255–0 B = 0 W = 0 Red R = 255 G = 0 B = 0 W = 0 + Blue R = 255 G = 0 B = 0–255 W = 0 Magenta R = 255 G = 0 B = 255 W = 0 - Red R = 255–0 G = 0 B = 255 W = 0 Blue R = 0 G = 0 B = 255 W = 0 Color fade, fast to slow Color snap, fast to slow
6	Patterns (see Patterns)	000 001 ⇔ 215 216 ⇔ 255	No function Pattern 1–215 No function
7	LED macro	000 ⇔ 255	see Dual Control LED: Basic (24CH)
8	LED macro speed	000 ⇔ 127 128 129 ⇔ 255	Auto speed, fast to slow clockwise Stop Auto speed, slow to fast counterclockwise
9	LED macro delay	000 ⇔ 255	Fast to slow
10	Background color	000 001 ⇔ 002 003 ⇔ 004 005 ⇔ 006 007 ⇔ 008 009 ⇔ 010 011 012 ⇔ 048 049 050 ⇔ 086 087 088 ⇔ 124 125 126 ⇔ 162 163 164 ⇔ 200 201 202 ⇔ 238 239 240 ⇔ 247 248 ⇔ 255	No function White 2700K R = 156 G = 118 B = 0 W = 63 White 3200K R = 156 G = 141 B = 5 W = 89 White 4200K R = 156 G = 141 B = 14 W = 255 White 5600K R = 156 G = 207 B = 54 W = 255 White 8000K R = 130 G = 255 B = 96 W = 255 Blue R = 0 G = 0 B = 255 W = 0 + Green R = 0 G = 0–255 B = 255 W = 0 Cyan R = 0 G = 255 B = 255 W = 0 - Blue R = 0 G = 255 B = 255–0 W = 0 Green R = 0 G = 255 B = 0 W = 0 + Red R = 0–255 G = 255 B = 0 W = 0 Yellow R = 255 G = 255 B = 0 W = 0 - Green R = 255 G = 255–0 B = 0 W = 0 Red R = 255 G = 0 B = 0 W = 0 + Blue R = 255 G = 0 B = 0–255 W = 0 Magenta R = 255 G = 0 B = 255 W = 0 - Red R = 255–0 G = 0 B = 255 W = 0 Blue R = 0 G = 0 B = 255 W = 0 Color fade, fast to slow Color snap, fast to slow

Channel	Function	Value	Percent/Setting
11	Background color dimmer	000 ⇄ 255	0–100%
12	Background color fine dimmer	000 ⇄ 255	0–100%
13	Dimmer	000 ⇄ 255	0–100%
14	Fine dimmer	000 ⇄ 255	0–100%
15	Strobe	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
16	Zoom	000 ⇄ 255	Zoom in to zoom out

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Channel	Function	Value	Percent/Setting
17	Control (*hold for 5 seconds then release.)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color-mixing mode
		025 ⇔ 029	CMY (subtractive) color-mixing mode
		030 ⇔ 039	Reserved for future use
		040 ⇔ 044	Defrost fan on
		045 ⇔ 049	Defrost fan off
		050 ⇔ 054	Reserved for future use
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇔ 084	Cell order 1-16
		085 ⇔ 089	Cell order 16-1
		090 ⇔ 094	Tilt reverse
		095 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt reverse disable
		105 ⇔ 119	Reserved for future use
		120 ⇔ 124	Fan ECO
		125 ⇔ 129	Fan full
		130 ⇔ 134	Fan auto
		135 ⇔ 139	Dimmer fast
		140 ⇔ 144	Dimmer smooth
		145 ⇔ 149	Linear
		150 ⇔ 154	Square
		155 ⇔ 159	i Squa
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 239	Color Macro HTP on
		240 ⇔ 247	Color Macros HTP off
		248 ⇔ 255	Reserved for future use
18	Main red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Main fine red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Main green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Main fine green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Main blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Main fine blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Main white	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Main fine white	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Dimmer 1	000 ⇔ 255	0–100%
27	Fine dimmer 1	000 ⇔ 255	0–100%
28	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Fine red 1 Fine cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
30	Green 1 Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
31	Fine green 1 Fine magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
32	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Fine blue 1 Fine yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
35	Fine white 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Dimmer 2	000 ⇄ 255	0–100%
37	Fine dimmer 2	000 ⇄ 255	0–100%
38	Red 2 Cyan 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	Fine red 2 Fine cyan 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	Green 2 Magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
41	Fine green 2 Fine magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
42	Blue 2 Yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	Fine blue 2 Fine yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
44	White 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
45	Fine white 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Dimmer 3	000 ⇄ 255	0–100%
47	Fine dimmer 3	000 ⇄ 255	0–100%
48	Red 3 Cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
49	Fine red 3 Fine cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Green 3 Magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Fine green 3 Fine magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Blue 3 Yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Fine blue 3 Fine yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	White 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Fine white 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Dimmer 4	000 ⇄ 255	0–100%
57	Fine dimmer 4	000 ⇄ 255	0–100%
58	Red 4 Cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Fine red 4 Fine cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Green 4 Magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
61	Fine green 4 Fine magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
62	Blue 4 Yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
63	Fine blue 4 Fine yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
64	White 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Fine white 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Dimmer 5	000 ⇄ 255	0–100%
67	Fine dimmer 5	000 ⇄ 255	0–100%
68	Red 5 Cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	Fine red 5 Fine cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Green 5 Magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
71	Fine green 5 Fine magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
72	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
73	Fine blue 5 Fine yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
74	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Fine white 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Dimmer 6	000 ⇄ 255	0–100%
77	Fine dimmer 6	000 ⇄ 255	0–100%
78	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Fine red 6 Fine cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
81	Fine green 6 Fine magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
82	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Fine blue 6 Fine yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
84	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Fine white 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Dimmer 7	000 ⇄ 255	0–100%
87	Fine dimmer 7	000 ⇄ 255	0–100%
88	Red 7 Cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
89	Fine red 7 Fine cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
90	Green 7 Magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
91	Fine green 7 Fine magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Channel	Function	Value	Percent/Setting
92	Blue 7 Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
93	Fine blue 7 Fine yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
94	White 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
95	Fine white 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
96	Dimmer 8	000 ⇔ 255	0–100%
97	Fine dimmer 8	000 ⇔ 255	0–100%
98	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
99	Fine red 8 Fine cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
100	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
101	Fine green 8 Fine magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
102	Blue 8 Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
103	Fine blue 8 Fine yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
104	White 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
105	Fine white 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Single Control: Full PXL (93CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇄ 255	0–100%
2	Fine tilt	000 ⇄ 255	0–100%
3	Tilt speed	000 ⇄ 255	0–100%
4	Zoom	000 ⇄ 255	Zoom in to zoom out
5	Control (*hold for 5 seconds then release.)	000 ⇄ 009	No function
		010 ⇄ 014	Blackout on tilt
		015 ⇄ 019	Reserved for future use
		020 ⇄ 024	RGBW (additive) color-mixing mode
		025 ⇄ 029	CMY (subtractive) color-mixing mode
		030 ⇄ 039	Reserved for future use
		040 ⇄ 044	Defrost fan on
		045 ⇄ 049	Defrost fan off
		050 ⇄ 054	Reserved for future use
		055 ⇄ 059	Tilt reset
		060 ⇄ 064	Zoom reset
		065 ⇄ 069	Reserved for future use
		070 ⇄ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇄ 084	Cell order 1-16
		085 ⇄ 089	Cell order 16-1
		090 ⇄ 094	Tilt reverse
		095 ⇄ 099	Reserved for future use
		100 ⇄ 104	Tilt reverse disable
		105 ⇄ 119	Reserved for future use
		120 ⇄ 124	Fan ECO
		125 ⇄ 129	Fan full
		130 ⇄ 134	Fan auto
		135 ⇄ 139	Dimmer fast
		140 ⇄ 144	Dimmer smooth
		145 ⇄ 149	Linear
		150 ⇄ 154	Square
		155 ⇄ 159	i Squa
		160 ⇄ 164	SCurve
		165 ⇄ 169	White mode
		170 ⇄ 174	Full mode
		175 ⇄ 239	Color Macro HTP on
		240 ⇄ 247	Color Macros HTP off
		248 ⇄ 255	Reserved for future use
6	Dimmer 1	000 ⇄ 255	0–100%
7	Fine dimmer 1	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
8	Strobe 1	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
9	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
10	Fine red 1 Fine cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
11	Green 1 Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
12	Fine green 1 Fine magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
13	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
14	Fine blue 1 Fine yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
15	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
16	Fine white 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Dimmer 2	000 ⇔ 255	0–100%
18	Fine dimmer 2	000 ⇔ 255	0–100%
19	Strobe 2	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
20	Red 2 Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Fine red 2 Fine cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Green 2 Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
23	Fine green 2 Fine magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Blue 2 Yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Fine blue 2 Fine yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	White 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	Fine white 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
28	Dimmer 3	000 ⇄ 255	0–100%
29	Fine dimmer 3	000 ⇄ 255	0–100%
30	Strobe 3	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
31	Red 3 Cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
32	Fine red 3 Fine cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Green 3 Magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Fine green 3 Fine magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
35	Blue 3 Yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Fine blue 3 Fine yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	White 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	Fine white 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	Dimmer 4	000 ⇄ 255	0–100%
40	Fine dimmer 4	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
41	Strobe 4	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
42	Red 4 Cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	Fine red 4 Fine cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
44	Green 4 Magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
45	Fine green 4 Fine magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Blue 4 Yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
47	Fine blue 4 Fine yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
48	White 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
49	Fine white 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Dimmer 5	000 ⇔ 255	0–100%
51	Fine dimmer 5	000 ⇔ 255	0–100%
52	Strobe 4	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
53	Red 5 Cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Fine red 5 Fine cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Green 5 Magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
56	Fine green 5 Fine magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
58	Fine blue 5 Fine yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Fine white 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
61	Dimmer 6	000 ⇄ 255	0–100%
62	Fine dimmer 6	000 ⇄ 255	0–100%
63	Strobe 6	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
64	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Fine red 6 Fine cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Fine green 6 Fine magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
68	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	Fine blue 6 Fine yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
71	Fine white 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
72	Dimmer 7	000 ⇄ 255	0–100%
73	Fine dimmer 7	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
74	Strobe 7	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
75	Red 7 Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Fine red 7 Fine cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Green 7 Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Fine green 7 Fine magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Blue 7 Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Fine blue 7 Fine yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
81	White 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
82	Fine white 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Dimmer 8	000 ⇔ 255	0–100%
84	Fine dimmer 8	000 ⇔ 255	0–100%
85	Strobe 8	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
86	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
87	Fine red 8 Fine cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
88	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
89	Fine green 8 Fine magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
90	Blue 8 Yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
91	Fine blue 8 Fine yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
92	White 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
93	Fine white 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Single Control: Advanced Mode (89CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇔ 255	0–100%
2	Fine tilt	000 ⇔ 255	0–100%
3	Tilt speed	000 ⇔ 255	0–100%
4	CTC	000	No function
		001 ⇔ 255	Color temperature, 1900–2700 K
5	Color	000	No function
		001 ⇔ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
		248 ⇔ 255	Color snap, fast to slow
6	Patterns (see Patterns)	000	No function
		001 ⇔ 215	Pattern 1–215
		216 ⇔ 255	No function
7	LED macro	000 ⇔ 255	see Dual Control LED: Basic (24CH)
8	LED macro speed	000 ⇔ 127	Auto speed, fast to slow clockwise
		128	Stop
		129 ⇔ 255	Auto speed, slow to fast counterclockwise
9	LED macro delay	000 ⇔ 255	Fast to slow
10	Background color	000	No function
		001 ⇔ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
		248 ⇔ 255	Color snap, fast to slow
11	Background color dimmer	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
12	Background color fine dimmer	000 ⇄ 255	0–100%
13	Dimmer	000 ⇄ 255	0–100%
14	Fine dimmer	000 ⇄ 255	0–100%
15	Strobe	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
16	Zoom	000 ⇄ 255	Zoom in to zoom out

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Channel	Function	Value	Percent/Setting
17	Control (*hold for 5 seconds then release.)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color-mixing mode
		025 ⇔ 029	CMY (subtractive) color-mixing mode
		030 ⇔ 039	Reserved for future use
		040 ⇔ 044	Defrost fan on
		045 ⇔ 049	Defrost fan off
		050 ⇔ 054	Reserved for future use
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇔ 084	Cell order 1-16
		085 ⇔ 089	Cell order 16-1
		090 ⇔ 094	Tilt reverse
		095 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt reverse disable
		105 ⇔ 119	Reserved for future use
		120 ⇔ 124	Fan ECO
		125 ⇔ 129	Fan full
		130 ⇔ 134	Fan auto
		135 ⇔ 139	Dimmer fast
		140 ⇔ 144	Dimmer smooth
		145 ⇔ 149	Linear
		150 ⇔ 154	Square
		155 ⇔ 159	i Squa
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 239	Color Macro HTP on
		240 ⇔ 247	Color Macros HTP off
		248 ⇔ 255	Reserved for future use
18	Main red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Main fine red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Main green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Main fine green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Main blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Main fine blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Main white	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Main fine white	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	Fine red 1 Fine cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
28	Green 1 Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Fine green 1 Fine magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
30	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
31	Fine blue 1 Fine yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
32	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Fine white 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Red 2 Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
35	Fine red 2 Fine cyan 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Green 2 Magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	Fine green 2 Fine magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	Blue 2 Yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	Fine blue 2 Fine yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	White 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
41	Fine white 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
42	Red 3 Cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	Fine red 3 Fine cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
44	Green 3 Magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
45	Fine green 3 Fine magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Blue 3 Yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
47	Fine blue 3 Fine yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
48	White 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
49	Fine white 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Red 4 Cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Fine red 4 Fine cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Green 4 Magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Fine green 4 Fine magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Blue 4 Yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Fine blue 4 Fine yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	White 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Fine white 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
58	Red 5 Cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Fine red 5 Fine cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Green 5 Magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
61	Fine green 5 Fine magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
62	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
63	Fine blue 5 Fine yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
64	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Fine white 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Fine red 6 Fine cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
68	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	Fine green 6 Fine magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
71	Fine blue 6 Fine yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
72	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
73	Fine white 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
74	Red 7 Cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Fine red 7 Fine cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Green 7 Magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
77	Fine green 7 Fine magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Blue 7 Yellow 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Fine blue 7 Fine yellow 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	White 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
81	Fine white 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
82	Red 8 Cyan 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Fine red 8 Fine cyan 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
84	Green 8 Magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Fine green 8 Fine magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Blue 8 Yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
87	Fine blue 8 Fine yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
88	White 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
89	Fine white 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Single Control: Standard Mode (51CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇔ 255	0–100%
2	Fine tilt	000 ⇔ 255	0–100%
3	Tilt speed	000 ⇔ 255	0–100%
4	CTC	000	No function
		001 ⇔ 255	Color temperature, 1900–2700 K
5	Color	000	No function
		001 ⇔ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
		248 ⇔ 255	Color snap, fast to slow
6	Patterns (see Patterns)	000	No function
		001 ⇔ 215	Pattern 1–215
		216 ⇔ 255	No function
7	LED macro	000 ⇔ 255	see Dual Control LED: Basic (24CH)
8	LED macro speed	000 ⇔ 127	Auto speed, fast to slow clockwise
		128	Stop
		129 ⇔ 255	Auto speed, slow to fast counterclockwise
9	LED macro delay	000 ⇔ 255	Fast to slow
10	Background color	000	No function
		001 ⇔ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
		248 ⇔ 255	Color snap, fast to slow

Channel	Function	Value	Percent/Setting
11	Background color dimmer	000 ⇄ 255	0–100%
12	Dimmer	000 ⇄ 255	0–100%
13	Strobe	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
14	Zoom	000 ⇄ 255	Zoom in to zoom out

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Channel	Function	Value	Percent/Setting
15	Control (*hold for 5 seconds then release.)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color-mixing mode
		025 ⇔ 029	CMY (subtractive) color-mixing mode
		030 ⇔ 039	Reserved for future use
		040 ⇔ 044	Defrost fan on
		045 ⇔ 049	Defrost fan off
		050 ⇔ 054	Reserved for future use
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇔ 084	Cell order 1-16
		085 ⇔ 089	Cell order 16-1
		090 ⇔ 094	Tilt reverse
		095 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt reverse disable
		105 ⇔ 119	Reserved for future use
		120 ⇔ 124	Fan ECO
		125 ⇔ 129	Fan full
		130 ⇔ 134	Fan auto
		135 ⇔ 139	Dimmer fast
		140 ⇔ 144	Dimmer smooth
		145 ⇔ 149	Linear
		150 ⇔ 154	Square
		155 ⇔ 159	i Squa
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 239	Color Macro HTP on
		240 ⇔ 247	Color Macros HTP off
		248 ⇔ 255	Reserved for future use
16	Main red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Main green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
18	Main blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Main white	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Green 1 Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Red 2 Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Green 2 Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Blue 2 Yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	White 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
28	Red 3 Cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Green 3 Magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
30	Blue 3 Yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
31	White 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
32	Red 4 Cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Green 4 Magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Blue 4 Yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
35	White 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Red 5 Cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	Green 5 Magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
41	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
42	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
44	Red 7 Cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
45	Green 7 Magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Blue 7 Yellow 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
47	White 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
48	Red 8 Cyan 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
49	Green 8 Magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Blue 8 Yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	White 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Single Control: Basic Mode (19CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇄ 255	0–100%
2	Fine tilt	000 ⇄ 255	0–100%
3	Tilt speed	000 ⇄ 255	0–100%
4	CTC	000 001 ⇄ 255	No function Color temperature, 1900–2700 K
5	Color	000 001 ⇄ 002 003 ⇄ 004 005 ⇄ 006 007 ⇄ 008 009 ⇄ 010 011 012 ⇄ 048 049 050 ⇄ 086 087 088 ⇄ 124 125 126 ⇄ 162 163 164 ⇄ 200 201 202 ⇄ 238 239 240 ⇄ 247 248 ⇄ 255	No function White 2700K R = 156 G = 118 B = 0 W = 63 White 3200K R = 156 G = 141 B = 5 W = 89 White 4200K R = 156 G = 141 B = 14 W = 255 White 5600K R = 156 G = 207 B = 54 W = 255 White 8000K R = 130 G = 255 B = 96 W = 255 Blue R = 0 G = 0 B = 255 W = 0 + Green R = 0 G = 0–255 B = 255 W = 0 Cyan R = 0 G = 255 B = 255 W = 0 - Blue R = 0 G = 255 B = 255–0 W = 0 Green R = 0 G = 255 B = 0 W = 0 + Red R = 0–255 G = 255 B = 0 W = 0 Yellow R = 255 G = 255 B = 0 W = 0 - Green R = 255 G = 255–0 B = 0 W = 0 Red R = 255 G = 0 B = 0 W = 0 + Blue R = 255 G = 0 B = 0–255 W = 0 Magenta R = 255 G = 0 B = 255 W = 0 - Red R = 255–0 G = 0 B = 255 W = 0 Blue R = 0 G = 0 B = 255 W = 0 Color fade, fast to slow Color snap, fast to slow
6	Patterns (see Patterns)	000 001 ⇄ 215 216 ⇄ 255	No function Pattern 1–215 No function
7	LED macro	000 ⇄ 255	see Dual Control LED: Basic (24CH)
8	LED macro speed	000 ⇄ 127 128 129 ⇄ 255	Auto speed, fast to slow clockwise Stop Auto speed, slow to fast counterclockwise

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Channel	Function	Value	Percent/Setting
9	LED macro delay	000 ⇔ 255	Fast to slow
10	Background color	000	No function
		001 ⇔ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇔ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇔ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇔ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇔ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇔ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇔ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇔ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇔ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇔ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇔ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇔ 247	Color fade, fast to slow
		248 ⇔ 255	Color snap, fast to slow
11	Background color dimmer	000 ⇔ 255	0–100%
12	Dimmer	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
14	Zoom	000 ⇔ 255	Zoom in to zoom out

Channel	Function	Value	Percent/Setting
15	Control (*hold for 5 seconds then release.)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color-mixing mode
		025 ⇔ 029	CMY (subtractive) color-mixing mode
		030 ⇔ 039	Reserved for future use
		040 ⇔ 044	Defrost fan on
		045 ⇔ 049	Defrost fan off
		050 ⇔ 054	Reserved for future use
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇔ 084	Cell order 1-16
		085 ⇔ 089	Cell order 16-1
		090 ⇔ 094	Tilt reverse
		095 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt reverse disable
		105 ⇔ 119	Reserved for future use
		120 ⇔ 124	Fan ECO
		125 ⇔ 129	Fan full
		130 ⇔ 134	Fan auto
		135 ⇔ 139	Dimmer fast
		140 ⇔ 144	Dimmer smooth
		145 ⇔ 149	Linear
		150 ⇔ 154	Square
		155 ⇔ 159	i Squa
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 239	Color Macro HTP on
		240 ⇔ 247	Color Macros HTP off
		248 ⇔ 255	Reserved for future use
16	Red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
18	Blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	White	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Dual Control Movement: Advanced (25CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇄ 255	0–100%
2	Fine tilt	000 ⇄ 255	0–100%
3	Tilt speed	000 ⇄ 255	0–100%
4	CTC	000 001 ⇄ 255	No function Color temperature, 1900–2700 K
5	Color	000 001 ⇄ 002 003 ⇄ 004 005 ⇄ 006 007 ⇄ 008 009 ⇄ 010 011 012 ⇄ 048 049 050 ⇄ 086 087 088 ⇄ 124 125 126 ⇄ 162 163 164 ⇄ 200 201 202 ⇄ 238 239 240 ⇄ 247 248 ⇄ 255	No function White 2700K R = 156 G = 118 B = 0 W = 63 White 3200K R = 156 G = 141 B = 5 W = 89 White 4200K R = 156 G = 141 B = 14 W = 255 White 5600K R = 156 G = 207 B = 54 W = 255 White 8000K R = 130 G = 255 B = 96 W = 255 Blue R = 0 G = 0 B = 255 W = 0 + Green R = 0 G = 0–255 B = 255 W = 0 Cyan R = 0 G = 255 B = 255 W = 0 - Blue R = 0 G = 255 B = 255–0 W = 0 Green R = 0 G = 255 B = 0 W = 0 + Red R = 0–255 G = 255 B = 0 W = 0 Yellow R = 255 G = 255 B = 0 W = 0 - Green R = 255 G = 255–0 B = 0 W = 0 Red R = 255 G = 0 B = 0 W = 0 + Blue R = 255 G = 0 B = 0–255 W = 0 Magenta R = 255 G = 0 B = 255 W = 0 - Red R = 255–0 G = 0 B = 255 W = 0 Blue R = 0 G = 0 B = 255 W = 0 Color fade, fast to slow Color snap, fast to slow
6	Patterns (see Patterns)	000 001 ⇄ 215 216 ⇄ 255	No function Pattern 1–215 No function
7	LED macro	000 ⇄ 255	see Dual Control LED: Basic (24CH)
8	LED macro speed	000 ⇄ 127 128 129 ⇄ 255	Auto speed, fast to slow clockwise Stop Auto speed, slow to fast counterclockwise
9	LED macro delay	000 ⇄ 255	Fast to slow
10	Background color	000 001 ⇄ 002 003 ⇄ 004 005 ⇄ 006 007 ⇄ 008 009 ⇄ 010 011 012 ⇄ 048 049 050 ⇄ 086 087 088 ⇄ 124 125 126 ⇄ 162 163 164 ⇄ 200 201 202 ⇄ 238 239 240 ⇄ 247 248 ⇄ 255	No function White 2700K R = 156 G = 118 B = 0 W = 63 White 3200K R = 156 G = 141 B = 5 W = 89 White 4200K R = 156 G = 141 B = 14 W = 255 White 5600K R = 156 G = 207 B = 54 W = 255 White 8000K R = 130 G = 255 B = 96 W = 255 Blue R = 0 G = 0 B = 255 W = 0 + Green R = 0 G = 0–255 B = 255 W = 0 Cyan R = 0 G = 255 B = 255 W = 0 - Blue R = 0 G = 255 B = 255–0 W = 0 Green R = 0 G = 255 B = 0 W = 0 + Red R = 0–255 G = 255 B = 0 W = 0 Yellow R = 255 G = 255 B = 0 W = 0 - Green R = 255 G = 255–0 B = 0 W = 0 Red R = 255 G = 0 B = 0 W = 0 + Blue R = 255 G = 0 B = 0–255 W = 0 Magenta R = 255 G = 0 B = 255 W = 0 - Red R = 255–0 G = 0 B = 255 W = 0 Blue R = 0 G = 0 B = 255 W = 0 Color fade, fast to slow Color snap, fast to slow
11	Background color dimmer	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
12	Background color fine dimmer	000 ⇄ 255	0–100%
13	Dimmer	000 ⇄ 255	0–100%
14	Fine dimmer	000 ⇄ 255	0–100%
15	Strobe	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
16	Zoom	000 ⇄ 255	Zoom in to zoom out
17	Control (*hold for 5 seconds then release.)	000 ⇄ 009	No function
		010 ⇄ 014	Blackout on Pan/Tilt
		015 ⇄ 019	Reserved for future use
		020 ⇄ 024	RGBW (additive) color-mixing mode
		025 ⇄ 029	CMY (subtractive) color-mixing mode
		030 ⇄ 039	Reserved for future use
		040 ⇄ 044	Defrost fan on
		045 ⇄ 049	Defrost fan off
		050 ⇄ 054	Reserved for future use
		055 ⇄ 059	Tilt reset
		060 ⇄ 064	Zoom reset
		065 ⇄ 069	Reserved for future use
		070 ⇄ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇄ 084	Cell order 1-16
		085 ⇄ 089	Cell order 16-1
		090 ⇄ 094	Tilt reverse
		095 ⇄ 099	Reserved for future use
		100 ⇄ 104	Tilt reverse disable
		105 ⇄ 119	Reserved for future use
		120 ⇄ 124	Fan ECO
		125 ⇄ 129	Fan full
		130 ⇄ 134	Fan auto
		135 ⇄ 139	Dimmer fast
		140 ⇄ 144	Dimmer smooth

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Channel	Function	Value	Percent/Setting
		145 ⇄ 149	Linear
		150 ⇄ 154	Square
		155 ⇄ 159	i Squa
		160 ⇄ 164	SCurve
		165 ⇄ 169	White mode
		170 ⇄ 174	Full mode
		175 ⇄ 239	Color Macro HTP on
		240 ⇄ 247	Color Macros HTP off
		248 ⇄ 255	Reserved for future use
18	Red	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Fine red	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Green	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Fine green	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Blue	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Fine blue	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	White	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Fine white	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Dual Control Movement: Standard (19CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇄ 255	0–100%
2	Fine tilt	000 ⇄ 255	0–100%
3	Tilt speed	000 ⇄ 255	0–100%
4	CTC	000	No function
		001 ⇄ 255	Color temperature, 1900–2700 K
5	Color	000	No function
		001 ⇄ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇄ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇄ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇄ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇄ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇄ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇄ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇄ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇄ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇄ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇄ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇄ 247	Color fade, fast to slow
		248 ⇄ 255	Color snap, fast to slow
6	Patterns (see Patterns)	000	No function
		001 ⇄ 215	Pattern 1–215
		216 ⇄ 255	No function
7	LED macro	000 ⇄ 255	see Dual Control LED: Basic (24CH)
8	LED macro speed	000 ⇄ 127	Auto speed, fast to slow clockwise
		128	Stop
		129 ⇄ 255	Auto speed, slow to fast counterclockwise
9	LED macro delay	000 ⇄ 255	Fast to slow

Channel	Function	Value	Percent/Setting
10	Background color	000	No function
		001 ⇄ 002	White 2700K R = 156 G = 118 B = 0 W = 63
		003 ⇄ 004	White 3200K R = 156 G = 141 B = 5 W = 89
		005 ⇄ 006	White 4200K R = 156 G = 141 B = 14 W = 255
		007 ⇄ 008	White 5600K R = 156 G = 207 B = 54 W = 255
		009 ⇄ 010	White 8000K R = 130 G = 255 B = 96 W = 255
		011	Blue R = 0 G = 0 B = 255 W = 0
		012 ⇄ 048	+ Green R = 0 G = 0–255 B = 255 W = 0
		049	Cyan R = 0 G = 255 B = 255 W = 0
		050 ⇄ 086	- Blue R = 0 G = 255 B = 255–0 W = 0
		087	Green R = 0 G = 255 B = 0 W = 0
		088 ⇄ 124	+ Red R = 0–255 G = 255 B = 0 W = 0
		125	Yellow R = 255 G = 255 B = 0 W = 0
		126 ⇄ 162	- Green R = 255 G = 255–0 B = 0 W = 0
		163	Red R = 255 G = 0 B = 0 W = 0
		164 ⇄ 200	+ Blue R = 255 G = 0 B = 0–255 W = 0
		201	Magenta R = 255 G = 0 B = 255 W = 0
		202 ⇄ 238	- Red R = 255–0 G = 0 B = 255 W = 0
		239	Blue R = 0 G = 0 B = 255 W = 0
		240 ⇄ 247	Color fade, fast to slow
		248 ⇄ 255	Color snap, fast to slow
11	Background color dimmer	000 ⇄ 255	0–100%
12	Dimmer	000 ⇄ 255	0–100%
13	Strobe	000 ⇄ 019	Off
		020 ⇄ 024	On
		025 ⇄ 064	Strobe, fast to slow
		065 ⇄ 069	On
		070 ⇄ 084	Strobe 100–0%, fast to slow
		085 ⇄ 089	On
		090 ⇄ 104	Strobe 0–100%, fast to slow
		105 ⇄ 109	On
		110 ⇄ 124	Random strobe, fast to slow
		125 ⇄ 129	On
		130 ⇄ 144	Random strobe 100–0%, fast to slow
		145 ⇄ 149	On
		150 ⇄ 164	Random strobe 0–100%, fast to slow
		165 ⇄ 169	On
		170 ⇄ 184	Pulse strobe, fast to slow
		185 ⇄ 189	On
		190 ⇄ 204	Random pulse strobe, fast to slow
		205 ⇄ 209	On
		210 ⇄ 224	Strobe 0–100–0%, fast to slow
		225 ⇄ 229	On
		230 ⇄ 244	Random pulse strobe, fast to slow
		245 ⇄ 255	On
14	Zoom	000 ⇄ 255	Zoom in to zoom out

DMX CHART

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Channel	Function	Value	Percent/Setting
15	Control (*hold for 5 seconds then release.)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color-mixing mode
		025 ⇔ 029	CMY (subtractive) color-mixing mode
		030 ⇔ 039	Reserved for future use
		040 ⇔ 044	Defrost fan on
		045 ⇔ 049	Defrost fan off
		050 ⇔ 054	Reserved for future use
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇔ 084	Cell order 1-16
		085 ⇔ 089	Cell order 16-1
		090 ⇔ 094	Tilt reverse
		095 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt reverse disable
		105 ⇔ 119	Reserved for future use
		120 ⇔ 124	Fan ECO
		125 ⇔ 129	Fan full
		130 ⇔ 134	Fan auto
		135 ⇔ 139	Dimmer fast
		140 ⇔ 144	Dimmer smooth
		145 ⇔ 149	Linear
		150 ⇔ 154	Square
		155 ⇔ 159	i Squa
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 239	Color Macro HTP on
		240 ⇔ 247	Color Macros HTP off
		248 ⇔ 255	Reserved for future use
16	Red	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Green	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
18	Blue	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	White	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%



The “Single Control: Basic” personality of the COLORado PXL Bar 8 exactly matches the “Single Control: Basic2” personality of the COLORado PXL Bar 16.

Dual Control Movement: Basic (7CH)

Channel	Function	Value	Percent/Setting
1	Tilt	000 ⇔ 255	0–100%
2	Fine tilt	000 ⇔ 255	0–100%
3	Tilt speed	000 ⇔ 255	0–100%
4	Dimmer	000 ⇔ 255	0–100%
5	Strobe	000 ⇔ 019	Off
		020 ⇔ 024	On
		025 ⇔ 064	Strobe, fast to slow
		065 ⇔ 069	On
		070 ⇔ 084	Strobe 100–0%, fast to slow
		085 ⇔ 089	On
		090 ⇔ 104	Strobe 0–100%, fast to slow
		105 ⇔ 109	On
		110 ⇔ 124	Random strobe, fast to slow
		125 ⇔ 129	On
		130 ⇔ 144	Random strobe 100–0%, fast to slow
		145 ⇔ 149	On
		150 ⇔ 164	Random strobe 0–100%, fast to slow
		165 ⇔ 169	On
		170 ⇔ 184	Pulse strobe, fast to slow
		185 ⇔ 189	On
		190 ⇔ 204	Random pulse strobe, fast to slow
		205 ⇔ 209	On
		210 ⇔ 224	Strobe 0–100–0%, fast to slow
		225 ⇔ 229	On
		230 ⇔ 244	Random pulse strobe, fast to slow
		245 ⇔ 255	On
6	Zoom	000 ⇔ 255	Zoom in to zoom out

Channel	Function	Value	Percent/Setting
7	Control (*hold for 5 seconds then release.)	000 ⇔ 009	No function
		010 ⇔ 014	Blackout on Pan/Tilt
		015 ⇔ 019	Reserved for future use
		020 ⇔ 024	RGBW (additive) color-mixing mode
		025 ⇔ 029	CMY (subtractive) color-mixing mode
		030 ⇔ 039	Reserved for future use
		040 ⇔ 044	Defrost fan on
		045 ⇔ 049	Defrost fan off
		050 ⇔ 054	Reserved for future use
		055 ⇔ 059	Tilt reset
		060 ⇔ 064	Zoom reset
		065 ⇔ 069	Reserved for future use
		070 ⇔ 074	Reset all
		075	PWM 600HZ*
		076	PWM 1200HZ*
		077	PWM 2000HZ*
		078	PWM 4000HZ*
		079	PWM 6000HZ*
		080	PWM 15000HZ*
		081	Reserved for future use
		082 ⇔ 084	Cell order 1-16
		085 ⇔ 089	Cell order 16-1
		090 ⇔ 094	Tilt reverse
		095 ⇔ 099	Reserved for future use
		100 ⇔ 104	Tilt reverse disable
		105 ⇔ 119	Reserved for future use
		120 ⇔ 124	Fan ECO
		125 ⇔ 129	Fan full
		130 ⇔ 134	Fan auto
		135 ⇔ 139	Dimmer fast
		140 ⇔ 144	Dimmer smooth
		145 ⇔ 149	Linear
		150 ⇔ 154	Square
		155 ⇔ 159	i Squa
		160 ⇔ 164	SCurve
		165 ⇔ 169	White mode
		170 ⇔ 174	Full mode
		175 ⇔ 239	Color Macro HTP on
		240 ⇔ 247	Color Macros HTP off
		248 ⇔ 255	Reserved for future use

Dual Control LED: Advanced (64CH)

Channel	Function		Value	Percent/Setting
1	Red 1	Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
2	Fine red 1	Fine cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
3	Green 1	Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
4	Fine green 1	Fine magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
5	Blue 1	Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
6	Fine blue 1	Fine yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
7	White 1		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
8	Fine white 1		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
9	Red 2	Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
10	Fine red 2	Fine cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
11	Green 2	Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
12	Fine green 2	Fine magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
13	Blue 2	Yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
14	Fine blue 2	Fine yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
15	White 2		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
16	Fine white 2		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Red 3	Cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
18	Fine red 3	Fine cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Green 3	Magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Fine green 3	Fine magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Blue 3	Yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Fine blue 3	Fine yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	White 3		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Fine white 3		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Red 4	Cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Fine red 4	Fine cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	Green 4	Magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
28	Fine green 4	Fine magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Blue 4	Yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
30	Fine blue 4	Fine yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
31	White 4		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
32	Fine white 4		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Red 5	Cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Fine red 5	Fine cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
35	Green 5	Magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Fine green 5	Fine magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	Blue 5	Yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	Fine blue 5	Fine yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	White 5		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	Fine white 5		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
41	Red 6	Cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
42	Fine red 6	Fine cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	Green 6	Magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
44	Fine green 6	Fine magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
45	Blue 6	Yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Fine blue 6	Fine yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
47	White 6		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
48	Fine white 6		000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
49	Red 7	Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Fine red 7	Fine cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Green 7	Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Fine green 7	Fine magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Blue 7	Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Fine blue 7	Fine yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Channel	Function	Value	Percent/Setting
55	White 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Fine white 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Red 8 Cyan 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
58	Fine red 8 Fine cyan 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Green 8 Magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Fine green 8 Fine magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
61	Blue 8 Yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
62	Fine blue 8 Fine yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
63	White 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
64	Fine white 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Dual Control LED: Standard (32CH)

Channel	Function	Value	Percent/Setting
1	Red 1 Cyan 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
2	Green 1 Magenta 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
3	Blue 1 Yellow 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
4	White 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
5	Red 2 Cyan 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
6	Green 2 Magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
7	Blue 2 Yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
8	White 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
9	Red 3 Cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
10	Green 3 Magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
11	Blue 3 Yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
12	White 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
13	Red 4 Cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
14	Green 4 Magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
15	Blue 4 Yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
16	White 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Red 5 Cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
18	Green 5 Magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Red 7 Cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Green 7 Magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	Blue 7 Yellow 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
28	White 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Red 8 Cyan 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
30	Green 8 Magenta 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
31	Blue 8 Yellow 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
32	White 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Dual Control LED: Basic (24CH)

Channel	Function		Value	Percent/Setting
1	Red 1	Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
2	Green 1	Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
3	Blue 1	Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
4	Red 2	Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
5	Green 2	Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
6	Blue 2	Yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
7	Red 3	Cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
8	Green 3	Magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
9	Blue 3	Yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
10	Red 4	Cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
11	Green 4	Magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
12	Blue 4	Yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
13	Red 5	Cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
14	Green 5	Magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
15	Blue 5	Yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
16	Red 6	Cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
17	Green 6	Magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
18	Blue 6	Yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
19	Red 7	Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Green 7	Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
21	Blue 7	Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Red 8	Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Green 8	Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Blue 8	Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%



The “Dual Control Movement: Basic” personality of the COLORado PXL Bar 8 exactly matches the “Dual Control Movement: Basic2” personality of the COLORado PXL Bar 16.

DMX CHART

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LED Macro

Value	Percent/Setting	Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 015	No function	064 ⇔ 065	Color-controllable macro 25	160 ⇔ 161	Auto color macro 50
016 ⇔ 017	Color-controllable macro 1	066 ⇔ 067	Color-controllable macro 26	162 ⇔ 163	Auto color macro 51
018 ⇔ 019	Color-controllable macro 2	068 ⇔ 069	Color-controllable macro 27	164 ⇔ 165	Auto color macro 52
020 ⇔ 021	Color-controllable macro 3	070 ⇔ 071	Color-controllable macro 28	166 ⇔ 167	Auto color macro 53
022 ⇔ 023	Color-controllable macro 4	072 ⇔ 073	Color-controllable macro 29	168 ⇔ 169	Auto color macro 54
024 ⇔ 025	Color-controllable macro 5	074 ⇔ 075	Color-controllable macro 30	170 ⇔ 171	Auto color macro 55
026 ⇔ 027	Color-controllable macro 6	076 ⇔ 077	Color-controllable macro 31	172 ⇔ 173	Auto color macro 56
028 ⇔ 029	Color-controllable macro 7	078 ⇔ 079	Color-controllable macro 32	174 ⇔ 175	Auto color macro 57
030 ⇔ 031	Color-controllable macro 8	080 ⇔ 081	Color-controllable macro 33	176 ⇔ 177	Auto color macro 58
032 ⇔ 033	Color-controllable macro 9	082 ⇔ 083	Color-controllable macro 34	178 ⇔ 179	Auto color macro 59
034 ⇔ 035	Color-controllable macro 10	084 ⇔ 085	Color-controllable macro 35	180 ⇔ 181	Auto color macro 60
036 ⇔ 037	Color-controllable macro 11	086 ⇔ 087	Color-controllable macro 36	182 ⇔ 183	Auto color macro 61
038 ⇔ 039	Color-controllable macro 12	088 ⇔ 135	Color-controllable macro 37 (main macro)	184 ⇔ 185	Auto color macro 62
040 ⇔ 041	Color-controllable macro 13	136 ⇔ 137	Auto color macro 38	186 ⇔ 187	Auto color macro 63
042 ⇔ 043	Color-controllable macro 14	138 ⇔ 139	Auto color macro 39	188 ⇔ 189	Auto color macro 64
044 ⇔ 045	Color-controllable macro 15	140 ⇔ 141	Auto color macro 40	190 ⇔ 191	Auto color macro 65
046 ⇔ 047	Color-controllable macro 16	142 ⇔ 143	Auto color macro 41	192 ⇔ 193	Auto color macro 66
048 ⇔ 049	Color-controllable macro 17	144 ⇔ 145	Auto color macro 42	194 ⇔ 195	Auto color macro 67
050 ⇔ 051	Color-controllable macro 18	146 ⇔ 147	Auto color macro 43	196 ⇔ 197	Auto color macro 68
052 ⇔ 053	Color-controllable macro 19	148 ⇔ 149	Auto color macro 44	198 ⇔ 199	Auto color macro 69
054 ⇔ 055	Color-controllable macro 20	150 ⇔ 151	Auto color macro 45	200 ⇔ 201	Auto color macro 70
056 ⇔ 057	Color-controllable macro 21	152 ⇔ 153	Auto color macro 46	202 ⇔ 203	Auto color macro 71
058 ⇔ 059	Color-controllable macro 22	154 ⇔ 155	Auto color macro 47	204 ⇔ 205	Auto color macro 72
060 ⇔ 061	Color-controllable macro 23	156 ⇔ 157	Auto color macro 48	206 ⇔ 207	Auto color macro 73
062 ⇔ 063	Color-controllable macro 24	158 ⇔ 159	Auto color macro 49	208 ⇔ 255	Auto color macro 74 (main macro)

Patterns

1	●●●●●●●●	44	●○○○●●●●	87	●●○○●○○●	130	●○○○●○○●	173	○●○○○●○○
2	●●○○●●●●	45	●○○○●○○●	88	●●○○●○○○	131	●○○○●○○●	174	○●○○○●○○
3	●●○○●●●●	46	●○○○●○○●	89	●●○○●○○○	132	●○○○●○○○	175	○●○○○○○●
4	●●○○●●●●	47	●○○○●○○○	90	●●○○●○○○	133	●○○○●○○●	176	○●○○○○○●
5	●●○○●○○●	48	●○○○●○○○	91	●●○○●○○○	134	●○○○●○○○	177	○○●○○○○●
6	●●○○●○○●	49	●●○○○●●●	92	●●○○●○○○	135	●○○○●○○○	178	○○●○○○○○
7	●●○○●○○○	50	●●○○○●○○	93	●●○○○●○○	136	●○○○●○○○	179	○○●●○○○○
8	●●○○●○○○	51	●●○○○●○○	94	○○○○●●●●	137	●○○○●○○○	180	○○○●○○●●
9	○○○○○○○○	52	●●○○●●●●	95	○○○●○○●●	138	●○○○●●●○	181	○○○●○○●●
10	○○●●●●●●	53	●●○○○○○●	96	○○○●○○●●	139	●○○○○○○●	182	○○○●○○●○
11	○●○○●●●●	54	●●○○○○○●	97	○○○●●○○●	140	●○○○○○○○	183	○○○●○○●●
12	○●○○●●●●	55	●●○○○○○●	98	○○○●●○○○	141	●○○○○○○○	184	○○○●○○●○
13	○●○○●○○●	56	●●○○○○○○●	99	○○●○○○○●	142	●○○○○○○○	185	○○○●○○●○
14	○●○○●○○●	57	●●○○○○○○○	100	○○●○○○○●	143	●○○○○○○○	186	○○○○●○○●
15	○●○○●○○○	58	●●○○○○○○○	101	○○●○○○○○	144	●○○○○○○○	187	○○○○●○○●
16	○●○○●○○○	59	○○○○●●●●	102	○○●○○○○○	145	●○○○○○○○	188	○○○○●○○○
17	●○○○●●●●	60	○○○○●○○●	103	○○●○○○○○	146	●○○○○○○○	189	●○○○○○○●
18	●○○○●●●●	61	○○○○●○○●	104	○○●○○○○○	147	●○○○○○○○	190	●○○○○○○○
19	●○○○●○○●	62	○○○○●○○○	105	○○●○○○○○	148	●●○○○○○○●	191	●○○○○○○○
20	●○○○●○○○	63	○○○○●○○○	106	○○●○○○○○	149	●●○○○○○○○	192	●○○○○○○○
21	●○○○●○○○	64	○○○○●○○○	107	○○●○○○○○	150	●●○○○○○○○	193	●○○○○○○○
22	●○○○●○○○	65	○○○○●○○○	108	○○●○○○○○	151	●●○○○○○○○	194	●○○○○○○○
23	●●○○●●●●	66	○○○○●○○○	109	○○○○○○●●	152	●●○○○○○○○	195	●●○○○○○○○
24	●●○○●○○●	67	○○○○●○○○	110	○○○○○○●●	153	●●○○○○○○○	196	●●○○○○○○○
25	●●○○●○○○	68	○○○○●○○○	111	○○○○○○●●	154	●●○○○○○○○	197	○○○○○○○●
26	●●○○●○○○	69	○○○○●○○○	112	○○○○○○●●	155	●●○○○○○○○	198	○○○○○○○●
27	●●○○●○○○	70	○○○○●○○○	113	○○○○○○●●	156	●●○○○○○○○	199	○○○○○○○●
28	●●○○●○○○	71	○○○○●○○○	114	○○○○○○●●	157	●●○○○○○○○	200	●○○○○○○○●
29	●●○○●○○○	72	○○○○●○○○	115	○○○○○○●●	158	●●○○○○○○○	201	●○○○○○○○●
30	●●○○●○○○	73	○○○○●○○○	116	○○○○○○●●	159	●●○○○○○○○	202	●○○○○○○○●
31	●●○○●○○○	74	○○○○●○○○	117	○○○○○○●●	160	●●○○○○○○○	203	●○○○○○○○●
32	●●○○●○○○	75	○○○○●○○○	118	○○○○○○●●	161	●●○○○○○○○	204	○●○○○○○○○●
33	●●○○●○○○	76	○○○○●○○○	119	○○○○○○●●	162	○○○○○○●●	205	○●○○○○○○○●
34	●●○○●○○○	77	○○○○●○○○	120	○○○○○○●●	163	○○○○○○●●	206	○●○○○○○○○●
35	●●○○●○○○	78	○○○○●○○○	121	○○○○○○●●	164	○○○○○○●●	207	●○○○○○○○●
36	●●○○●○○○	79	○○○○●○○○	122	○○○○○○●●	165	○○○○○○●●	208	○○○○○○○●
37	●●○○●○○○	80	○○○○●○○○	123	○○○○○○●●	166	●○○○○○○○●	209	○○○○○○○●
38	○○○○●●●●	81	○○○○●○○○	124	○○○○○○●●	167	●○○○○○○○●	210	○○○○○○○●
39	○○○○●●●●	82	○○○○●○○○	125	○○○○○○●●	168	●○○○○○○○●	211	○○○○○○○●
40	○○○○●○○●	83	○○○○●○○○	126	○○○○○○●●	169	●○○○○○○○●	212	○○○○○○○●
41	○○○○●○○○	84	●●○○●○○○	127	○○○○○○●●	170	●○○○○○○○●	213	○○○○○○○●
42	○○○○●○○○	85	●●○○●○○○	128	○○○○○○●●	171	●○○○○○○○●	214	○●○○○○○○○●
43	○○○○●○○○	86	●●○○●○○○	129	●○○○○○○●●	172	○●○○○○○○○●	215	●○○○○○○○●