

COLORADO PXL CURVE 12

DMX Chart



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Control Channel Assignments and Value

Single Control Mode

Tour (179 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇔ 255	0–100%
2	Fine tilt 1	000 ⇔ 255	0–100%
3	Tilt 2	000 ⇔ 255	0–100%
4	Fine tilt 2	000 ⇔ 255	0–100%
5	Tilt 3	000 ⇔ 255	0–100%
6	Fine tilt 3	000 ⇔ 255	0–100%
7	Tilt 4	000 ⇔ 255	0–100%
8	Fine tilt 4	000 ⇔ 255	0–100%
9	Tilt 5	000 ⇔ 255	0–100%
10	Fine tilt 5	000 ⇔ 255	0–100%
11	Tilt 6	000 ⇔ 255	0–100%
12	Fine tilt 6	000 ⇔ 255	0–100%
13	Tilt 7	000 ⇔ 255	0–100%
14	Fine tilt 7	000 ⇔ 255	0–100%
15	Tilt 8	000 ⇔ 255	0–100%
16	Fine tilt 8	000 ⇔ 255	0–100%
17	Tilt 9	000 ⇔ 255	0–100%
18	Fine tilt 9	000 ⇔ 255	0–100%
19	Tilt 10	000 ⇔ 255	0–100%
20	Fine tilt 10	000 ⇔ 255	0–100%
21	Tilt 11	000 ⇔ 255	0–100%
22	Fine tilt 11	000 ⇔ 255	0–100%
23	Tilt 12	000 ⇔ 255	0–100%
24	Fine tilt 12	000 ⇔ 255	0–100%
25	Tilt speed	000 ⇔ 255	Fast to slow
26	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
27	CTC	000 001 ⇔ 255	No function From 19000K to 2700K
28	Color macro	000 001 ⇔ 255	No function see Color Chart
29	Pattern (see Patterns)	000 001 ⇔ 002	No function Pattern 1–255
30	LED built-in	000 ⇔ 015 016 ⇔ 255	No function see LED Macro
31	LED built-in speed	000 ⇔ 127 128 129 ⇔ 255	Fast to slow Stop Slow to fast
32	LED built-in delay	000 ⇔ 255	Fast to slow
33	Background color	000 001 ⇔ 255	No function see Color Chart
34	Background color dimmer	000 ⇔ 255	0–100%
35	Background color fine dimmer	000 ⇔ 255	0–100%
36	Dimmer	000 ⇔ 255	0–100%
37	Fine dimmer	000 ⇔ 255	0–100%
38	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
39	Zoom 1	000 ⇔ 255	0–100%
40	Zoom 2	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting	
41	Zoom 3	000 ⇄ 255	0–100%	
42	Zoom 4	000 ⇄ 255	0–100%	
43	Zoom 5	000 ⇄ 255	0–100%	
44	Zoom 6	000 ⇄ 255	0–100%	
45	Zoom 7	000 ⇄ 255	0–100%	
46	Zoom 8	000 ⇄ 255	0–100%	
47	Zoom 9	000 ⇄ 255	0–100%	
48	Zoom 10	000 ⇄ 255	0–100%	
49	Zoom 11	000 ⇄ 255	0–100%	
50	Zoom 12	000 ⇄ 255	0–100%	
51	Control	000 ⇄ 009 010 ⇄ 255	No function see Control Chart	
52	Red	Cyan	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Fine red	Fine cyan	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Green	Magenta	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Fine green	Fine magenta	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Blue	Yellow	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Fine blue	Fine yellow	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
58	White		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Fine white		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Dimmer 1		000 ⇄ 255	0–100%
61	Fine dimmer 1		000 ⇄ 255	0–100%
62	Red 1	Cyan 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
63	Fine red 1	Fine cyan 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
64	Green 1	Magenta 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Fine green 1	Fine magenta 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Blue 1	Yellow 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Fine blue 1	Fine yellow 1	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
68	White 1		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	Fine white 1		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Dimmer 2		000 ⇄ 255	0–100%
71	Fine dimmer 2		000 ⇄ 255	0–100%
72	Red 2	Cyan 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
73	Fine red 2	Fine cyan 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
74	Green 2	Magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Fine green 2	Fine magenta 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Blue 2	Yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
77	Fine blue 2	Fine yellow 2	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	White 2		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Fine white 2		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Dimmer 3		000 ⇄ 255	0–100%
81	Fine dimmer 3		000 ⇄ 255	0–100%
82	Red 3	Cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Fine red 3	Fine cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
84	Green 3	Magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Fine green 3	Fine magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Blue 3	Yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
87	Fine blue 3	Fine yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
88	White 3		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
89	Fine white 3		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
90	Dimmer 4		000 ⇄ 255	0–100%
91	Fine dimmer 4		000 ⇄ 255	0–100%
92	Red 4	Cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
93	Fine red 4 Fine cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
94	Green 4 Magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
95	Fine green 4 Fine magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
96	Blue 4 Yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
97	Fine blue 4 Fine yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
98	White 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
99	Fine white 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
100	Dimmer 5	000 ⇔ 255	0–100%
101	Fine dimmer 5	000 ⇔ 255	0–100%
102	Red 5 Cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
103	Fine red 5 Fine cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
104	Green 5 Magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
105	Fine green 5 Fine magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
106	Blue 5 Yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
107	Fine blue 5 Fine yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
108	White 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
109	Fine white 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
110	Dimmer 6	000 ⇔ 255	0–100%
111	Fine dimmer 6	000 ⇔ 255	0–100%
112	Red 6 Cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
113	Fine red 6 Fine cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
114	Green 6 Magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
115	Fine green 6 Fine magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
116	Blue 6 Yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
117	Fine blue 6 Fine yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
118	White 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
119	Fine white 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
120	Dimmer 7	000 ⇔ 255	0–100%
121	Fine dimmer 7	000 ⇔ 255	0–100%
122	Red 7 Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
123	Fine red 7 Fine cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
124	Green 7 Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
125	Fine green 7 Fine magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
126	Blue 7 Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
127	Fine blue 7 Fine yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
128	White 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
129	Fine white 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
130	Dimmer 8	000 ⇔ 255	0–100%
131	Fine dimmer 8	000 ⇔ 255	0–100%
132	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
133	Fine red 8 Fine cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
134	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
135	Fine green 8 Fine magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
136	Blue 8 Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
137	Fine blue 8 Fine yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
138	White 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
139	Fine white 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
140	Dimmer 9	000 ⇔ 255	0–100%
141	Fine dimmer 9	000 ⇔ 255	0–100%
142	Red 9 Cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
143	Fine red 9 Fine cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
144	Green 9 Magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
145	Fine green 9 Fine magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Channel	Function	Value	Percent/Setting
146	Blue 9 Yellow 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
147	Fine blue 9 Fine yellow 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
148	White 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
149	Fine white 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
150	Dimmer 10	000 ⇄ 255	0–100%
151	Fine dimmer 10	000 ⇄ 255	0–100%
152	Red 10 Cyan 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
153	Fine red 10 Fine cyan 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
154	Green 10 Magenta 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
155	Fine green 10 Fine magenta 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
156	Blue 10 Yellow 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
157	Fine blue 10 Fine yellow 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
158	White 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
159	Fine white 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
160	Dimmer 11	000 ⇄ 255	0–100%
161	Fine dimmer 11	000 ⇄ 255	0–100%
162	Red 11 Cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
163	Fine red 11 Fine cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
164	Green 11 Magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
165	Fine green 11 Fine magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
166	Blue 11 Yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
167	Fine blue 11 Fine yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
168	White 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
169	Fine white 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
170	Dimmer 12	000 ⇄ 255	0–100%
171	Fine dimmer 12	000 ⇄ 255	0–100%
172	Red 12 Cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
173	Fine red 12 Fine cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
174	Green 12 Magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
175	Fine green 12 Fine magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
176	Blue 12 Yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
177	Fine blue 12 Fine yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
178	White 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
179	Fine white 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Full PXL (169 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇔ 255	0–100%
2	Fine tilt 1	000 ⇔ 255	0–100%
3	Zoom 1	000 ⇔ 255	0–100%
4	Dimmer 1	000 ⇔ 255	0–100%
5	Fine dimmer 1	000 ⇔ 255	0–100%
6	Strobe 1	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
7	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
8	Fine red 1 Fine cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
9	Green 1 Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
10	Fine green 1 Fine magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
11	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
12	Fine blue 1 Fine yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
13	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
14	Fine white 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
15	Tilt 2	000 ⇔ 255	0–100%
16	Fine tilt 2	000 ⇔ 255	0–100%
17	Zoom 2	000 ⇔ 255	0–100%
18	Dimmer 2	000 ⇔ 255	0–100%
19	Fine dimmer 2	000 ⇔ 255	0–100%
20	Strobe 2	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
21	Red 2 Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
22	Fine red 2 Fine cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Green 2 Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Fine green 2 Fine magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	Blue 2 Yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Fine blue 2 Fine 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	Fine white 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Tilt 3	000 ⇔ 255	0–100%
30	Fine tilt 3	000 ⇔ 255	0–100%
31	Zoom 3	000 ⇔ 255	0–100%
32	Dimmer 3	000 ⇔ 255	0–100%
33	Fine dimmer 3	000 ⇔ 255	0–100%
34	Strobe 3	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
35	Red 3 Cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Fine red 3 Fine cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	Green 3 Magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	Fine green 3 Fine magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	Blue 3 Yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	Fine blue 3 Fine yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
41	White 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
42	Fine white 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	Tilt 4	000 ⇔ 255	0–100%
44	Fine tilt 4	000 ⇔ 255	0–100%
45	Zoom 4	000 ⇔ 255	0–100%
46	Dimmer 4	000 ⇔ 255	0–100%
47	Fine dimmer 4	000 ⇔ 255	0–100%
48	Strobe 4	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart

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Channel	Function	Value	Percent/Setting
49	Red 4 Cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Fine red 4 Fine cyan 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Green 4 Magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Fine green 4 Fine magenta 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Blue 4 Yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Fine blue 4 Fine yellow 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	White 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Fine white 4	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Tilt 5	000 ⇄ 255	0–100%
58	Fine tilt 5	000 ⇄ 255	0–100%
59	Zoom 5	000 ⇄ 255	0–100%
60	Dimmer 5	000 ⇄ 255	0–100%
61	Fine dimmer 5	000 ⇄ 255	0–100%
62	Strobe 5	000 ⇄ 019 020 ⇄ 255	Off see Strobe Chart
63	Red 5 Cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
64	Fine red 5 Fine cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Green 5 Magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Fine green 5 Fine magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
68	Fine blue 5 Fine yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Fine white 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
71	Tilt 6	000 ⇄ 255	0–100%
72	Fine tilt 6	000 ⇄ 255	0–100%
73	Zoom 6	000 ⇄ 255	0–100%
74	Dimmer 6	000 ⇄ 255	0–100%
75	Fine dimmer 6	000 ⇄ 255	0–100%
76	Strobe 6	000 ⇄ 019 020 ⇄ 255	Off see Strobe Chart
77	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Fine red 6 Fine cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Fine green 6 Fine magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
81	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
82	Fine blue 6 Fine yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
84	Fine white 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Tilt 7	000 ⇄ 255	0–100%
86	Fine tilt 7	000 ⇄ 255	0–100%
87	Zoom 7	000 ⇄ 255	0–100%
88	Dimmer 7	000 ⇄ 255	0–100%
89	Fine dimmer 7	000 ⇄ 255	0–100%
90	Strobe 7	000 ⇄ 019 020 ⇄ 255	Off see Strobe Chart
91	Red 7 Cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
92	Fine red 7 Fine cyan 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
93	Green 7 Magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
94	Fine green 7 Fine magenta 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
95	Blue 7 Yellow 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
96	Fine blue 7 Fine yellow 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
97	White 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
98	Fine white 7	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
99	Tilt 8	000 ⇔ 255	0–100%
100	Fine tilt 8	000 ⇔ 255	0–100%
101	Zoom 8	000 ⇔ 255	0–100%
102	Dimmer 8	000 ⇔ 255	0–100%
103	Fine dimmer 8	000 ⇔ 255	0–100%
104	Strobe 8	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
105	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
106	Fine red 8 Fine cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
107	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
108	Fine green 8 Fine magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
109	Blue 8 Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
110	Fine blue 8 Fine yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
111	White 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
112	Fine white 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
113	Tilt 9	000 ⇔ 255	0–100%
114	Fine tilt 9	000 ⇔ 255	0–100%
115	Zoom 9	000 ⇔ 255	0–100%
116	Dimmer 9	000 ⇔ 255	0–100%
117	Fine dimmer 9	000 ⇔ 255	0–100%
118	Strobe 9	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
119	Red 9 Cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
120	Fine red 9 Fine cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
121	Green 9 Magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
122	Fine green 9 Fine magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
123	Blue 9 Yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
124	Fine blue 9 Fine yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
125	White 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
126	Fine white 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
127	Tilt 10	000 ⇔ 255	0–100%
128	Fine tilt 10	000 ⇔ 255	0–100%
129	Zoom 10	000 ⇔ 255	0–100%
130	Dimmer 10	000 ⇔ 255	0–100%
131	Fine dimmer 10	000 ⇔ 255	0–100%
132	Strobe 10	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
133	Red 10 Cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
134	Fine red 10 Fine cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
135	Green 10 Magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
136	Fine green 10 Fine magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
137	Blue 10 Yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
138	Fine blue 10 Fine yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
139	White 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
140	Fine white 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
141	Tilt 11	000 ⇔ 255	0–100%
142	Fine tilt 11	000 ⇔ 255	0–100%
143	Zoom 11	000 ⇔ 255	0–100%
144	Dimmer 11	000 ⇔ 255	0–100%
145	Fine dimmer 11	000 ⇔ 255	0–100%
146	Strobe 11	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
147	Red 11 Cyan 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Channel	Function	Value	Percent/Setting
148	Fine red 11 Fine cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
149	Green 11 Magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
150	Fine green 11 Fine magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
151	Blue 11 Yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
152	Fine blue 11 Fine yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
153	White 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
154	Fine white 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
155	Tilt 12	000 ⇄ 255	0–100%
156	Fine tilt 12	000 ⇄ 255	0–100%
157	Zoom 12	000 ⇄ 255	0–100%
158	Dimmer 12	000 ⇄ 255	0–100%
159	Fine dimmer 12	000 ⇄ 255	0–100%
160	Strobe 12	000 ⇄ 019 020 ⇄ 255	Off see Strobe Chart
161	Red 12 Cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
162	Fine red 12 Fine cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
163	Green 12 Magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
164	Fine green 12 Fine magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
165	Blue 12 Yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
166	Fine blue 12 Fine yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
167	White 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
168	Fine white 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
169	Control	000 ⇄ 009 010 ⇄ 255	No function see Control Chart

Advanced2 (169 channels)

Channel	Function	Value	Percent/Setting
1	Control	000 ⇔ 009 010 ⇔ 255	No function see Control Chart
2	Tilt speed	000 ⇔ 255	Fast to slow
3	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
4	CTC	000 001 ⇔ 255	No function From 19000K to 2700K
5	Color macro	000 001 ⇔ 255	No function see Color Chart
6	Pattern (see Patterns)	000 001 ⇔ 002	No function Pattern 1–255
7	LED built-in	000 ⇔ 015 016 ⇔ 255	No function see LED Macro
8	LED built-in speed	000 ⇔ 127 128 129 ⇔ 255	Fast to slow Stop Slow to fast
9	LED built-in delay	000 ⇔ 255	Fast to slow
10	Background color	000 001 ⇔ 255	No function see Color Chart
11	Background color dimmer	000 ⇔ 255	0–100%
12	Background color fine dimmer	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
14	Tilt 1	000 ⇔ 255	0–100%
15	Fine tilt 1	000 ⇔ 255	0–100%
16	Zoom 1	000 ⇔ 255	0–100%
17	Dimmer 1	000 ⇔ 255	0–100%
18	Fine dimmer 1	000 ⇔ 255	0–100%
19	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
20	Fine red 1 Fine 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	Fine green 1 Fine magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
23	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
24	Fine blue 1 Fine yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
25	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Fine white 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	Tilt 2	000 ⇔ 255	0–100%
28	Fine tilt 2	000 ⇔ 255	0–100%
29	Zoom 2	000 ⇔ 255	0–100%
30	Dimmer 2	000 ⇔ 255	0–100%
31	Fine dimmer 2	000 ⇔ 255	0–100%
32	Red 2 Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Fine red 2 Fine cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Green 2 Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
35	Fine green 2 Fine magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Blue 2 Yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	Fine blue 2 Fine yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	White 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	Fine white 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	Tilt 3	000 ⇔ 255	0–100%
41	Fine tilt 3	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
42	Zoom 3	000 ⇄ 255	0–100%
43	Dimmer 3	000 ⇄ 255	0–100%
44	Fine dimmer 3	000 ⇄ 255	0–100%
45	Red 3 Cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Fine red 3 Fine cyan 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
47	Green 3 Magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
48	Fine green 3 Fine magenta 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
49	Blue 3 Yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
50	Fine blue 3 Fine yellow 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	White 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Fine white 3	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Tilt 4	000 ⇄ 255	0–100%
54	Fine tilt 4	000 ⇄ 255	0–100%
55	Zoom 4	000 ⇄ 255	0–100%
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	Tilt 5	000 ⇄ 255	0–100%
67	Fine tilt 5	000 ⇄ 255	0–100%
68	Zoom 5	000 ⇄ 255	0–100%
69	Dimmer 5	000 ⇄ 255	0–100%
70	Fine dimmer 5	000 ⇄ 255	0–100%
71	Red 5 Cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
72	Fine red 5 Fine cyan 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
73	Green 5 Magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
74	Fine green 5 Fine magenta 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Blue 5 Yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Fine blue 5 Fine yellow 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
77	White 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Fine white 5	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Tilt 6	000 ⇄ 255	0–100%
80	Fine tilt 6	000 ⇄ 255	0–100%
81	Zoom 6	000 ⇄ 255	0–100%
82	Dimmer 6	000 ⇄ 255	0–100%
83	Fine dimmer 6	000 ⇄ 255	0–100%
84	Red 6 Cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Fine red 6 Fine cyan 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Green 6 Magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
87	Fine green 6 Fine magenta 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
88	Blue 6 Yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
89	Fine blue 6 Fine yellow 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
90	White 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
91	Fine white 6	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
92	Tilt 7	000 ⇄ 255	0–100%
93	Fine tilt 7	000 ⇄ 255	0–100%
94	Zoom 7	000 ⇄ 255	0–100%

Channel	Function	Value	Percent/Setting
95	Dimmer 7	000 ⇔ 255	0–100%
96	Fine dimmer 7	000 ⇔ 255	0–100%
97	Red 7 Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
98	Fine red 7 Fine cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
99	Green 7 Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
100	Fine green 7 Fine magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
101	Blue 7 Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
102	Fine blue 7 Fine yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
103	White 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
104	Fine white 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
105	Tilt 8	000 ⇔ 255	0–100%
106	Fine tilt 8	000 ⇔ 255	0–100%
107	Zoom 8	000 ⇔ 255	0–100%
108	Dimmer 8	000 ⇔ 255	0–100%
109	Fine dimmer 8	000 ⇔ 255	0–100%
110	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
111	Fine red 8 Fine cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
112	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
113	Fine green 8 Fine magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
114	Blue 8 Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
115	Fine blue 8 Fine yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
116	White 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
117	Fine white 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
118	Tilt 9	000 ⇔ 255	0–100%
119	Fine tilt 9	000 ⇔ 255	0–100%
120	Zoom 9	000 ⇔ 255	0–100%
121	Dimmer 9	000 ⇔ 255	0–100%
122	Fine dimmer 9	000 ⇔ 255	0–100%
123	Red 9 Cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
124	Fine red 9 Fine cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
125	Green 9 Magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
126	Fine green 9 Fine magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
127	Blue 9 Yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
128	Fine blue 9 Fine yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
129	White 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
130	Fine white 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
131	Tilt 10	000 ⇔ 255	0–100%
132	Fine tilt 10	000 ⇔ 255	0–100%
133	Zoom 10	000 ⇔ 255	0–100%
134	Dimmer 10	000 ⇔ 255	0–100%
135	Fine dimmer 10	000 ⇔ 255	0–100%
136	Red 10 Cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
137	Fine red 10 Fine cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
138	Green 10 Magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
139	Fine green 10 Fine magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
140	Blue 10 Yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
141	Fine blue 10 Fine yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
142	White 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
143	Fine white 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
144	Tilt 11	000 ⇔ 255	0–100%
145	Fine tilt 11	000 ⇔ 255	0–100%
146	Zoom 11	000 ⇔ 255	0–100%
147	Dimmer 11	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
148	Fine dimmer 11	000 ⇄ 255	0–100%
149	Red 11 Cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
150	Fine red 11 Fine cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
151	Green 11 Magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
152	Fine green 11 Fine magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
153	Blue 11 Yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
154	Fine blue 11 Fine yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
155	White 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
156	Fine white 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
157	Tilt 12	000 ⇄ 255	0–100%
158	Fine tilt 12	000 ⇄ 255	0–100%
159	Zoom 12	000 ⇄ 255	0–100%
160	Dimmer 12	000 ⇄ 255	0–100%
161	Fine dimmer 12	000 ⇄ 255	0–100%
162	Red 12 Cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
163	Fine red 12 Fine cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
164	Green 12 Magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
165	Fine green 12 Fine magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
166	Blue 12 Yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
167	Fine blue 12 Fine yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
168	White 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
169	Fine white 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Advanced (155 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇔ 255	0–100%
2	Fine tilt 1	000 ⇔ 255	0–100%
3	Tilt 2	000 ⇔ 255	0–100%
4	Fine tilt 2	000 ⇔ 255	0–100%
5	Tilt 3	000 ⇔ 255	0–100%
6	Fine tilt 3	000 ⇔ 255	0–100%
7	Tilt 4	000 ⇔ 255	0–100%
8	Fine tilt 4	000 ⇔ 255	0–100%
9	Tilt 5	000 ⇔ 255	0–100%
10	Fine tilt 5	000 ⇔ 255	0–100%
11	Tilt 6	000 ⇔ 255	0–100%
12	Fine tilt 6	000 ⇔ 255	0–100%
13	Tilt 7	000 ⇔ 255	0–100%
14	Fine tilt 7	000 ⇔ 255	0–100%
15	Tilt 8	000 ⇔ 255	0–100%
16	Fine tilt 8	000 ⇔ 255	0–100%
17	Tilt 9	000 ⇔ 255	0–100%
18	Fine tilt 9	000 ⇔ 255	0–100%
19	Tilt 10	000 ⇔ 255	0–100%
20	Fine tilt 10	000 ⇔ 255	0–100%
21	Tilt 11	000 ⇔ 255	0–100%
22	Fine tilt 11	000 ⇔ 255	0–100%
23	Tilt 12	000 ⇔ 255	0–100%
24	Fine tilt 12	000 ⇔ 255	0–100%
25	Tilt speed	000 ⇔ 255	Fast to slow
26	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
27	CTC	000 001 ⇔ 255	No function From 19000K to 2700K
28	Color macro	000 001 ⇔ 255	No function see Color Chart
29	Pattern (see Patterns)	000 001 ⇔ 002	No function Pattern 1–255
30	LED built-in	000 ⇔ 015 016 ⇔ 255	No function see LED Macro
31	LED built-in speed	000 ⇔ 127 128 129 ⇔ 255	Fast to slow Stop Slow to fast
32	LED built-in delay	000 ⇔ 255	Fast to slow
33	Background color	000 001 ⇔ 255	No function see Color Chart
34	Background color dimmer	000 ⇔ 255	0–100%
35	Background color fine dimmer	000 ⇔ 255	0–100%
36	Dimmer	000 ⇔ 255	0–100%
37	Fine dimmer	000 ⇔ 255	0–100%
38	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
39	Zoom 1	000 ⇔ 255	0–100%
40	Zoom 2	000 ⇔ 255	0–100%
41	Zoom 3	000 ⇔ 255	0–100%
42	Zoom 4	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
43	Zoom 5	000 ⇔ 255	0–100%
44	Zoom 6	000 ⇔ 255	0–100%
45	Zoom 7	000 ⇔ 255	0–100%
46	Zoom 8	000 ⇔ 255	0–100%
47	Zoom 9	000 ⇔ 255	0–100%
48	Zoom 10	000 ⇔ 255	0–100%
49	Zoom 11	000 ⇔ 255	0–100%
50	Zoom 12	000 ⇔ 255	0–100%
51	Control	000 ⇔ 009 010 ⇔ 255	No function see Control Chart
52	Red	Cyan	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Fine red	Fine cyan	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Green	Magenta	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Fine green	Fine magenta	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Blue	Yellow	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Fine blue	Fine yellow	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
58	White		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Fine white		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Red 1	Cyan 1	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
61	Fine red 1	Fine cyan 1	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
62	Green 1	Magenta 1	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
63	Fine green 1	Fine magenta 1	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
64	Blue 1	Yellow 1	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Fine blue 1	Fine yellow 1	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
66	White 1		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Fine white 1		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
68	Red 2	Cyan 2	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
69	Fine red 2	Fine cyan 2	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Green 2	Magenta 2	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
71	Fine green 2	Fine magenta 2	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
72	Blue 2	Yellow 2	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
73	Fine blue 2	Fine yellow 2	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
74	White 2		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Fine white 2		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Red 3	Cyan 3	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
77	Fine red 3	Fine cyan 3	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Green 3	Magenta 3	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Fine green 3	Fine magenta 3	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Blue 3	Yellow 3	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
81	Fine blue 3	Fine yellow 3	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
82	White 3		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Fine white 3		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
84	Red 4	Cyan 4	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Fine red 4	Fine cyan 4	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Green 4	Magenta 4	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
87	Fine green 4	Fine magenta 4	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
88	Blue 4	Yellow 4	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
89	Fine blue 4	Fine yellow 4	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
90	White 4		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
91	Fine white 4		000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
92	Red 5	Cyan 5	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
93	Fine red 5	Fine cyan 5	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%
94	Green 5	Magenta 5	000 ⇔ 255 RGBW Mode: 0–100% / CMY Mode: 100–0%

Channel	Function	Value	Percent/Setting
95	Fine green 5 Fine magenta 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
96	Blue 5 Yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
97	Fine blue 5 Fine yellow 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
98	White 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
99	Fine white 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
100	Red 6 Cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
101	Fine red 6 Fine cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
102	Green 6 Magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
103	Fine green 6 Fine magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
104	Blue 6 Yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
105	Fine blue 6 Fine yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
106	White 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
107	Fine white 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
108	Red 7 Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
109	Fine red 7 Fine cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
110	Green 7 Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
111	Fine green 7 Fine magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
112	Blue 7 Yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
113	Fine blue 7 Fine yellow 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
114	White 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
115	Fine white 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
116	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
117	Fine red 8 Fine cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
118	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
119	Fine green 8 Fine magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
120	Blue 8 Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
121	Fine blue 8 Fine yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
122	White 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
123	Fine white 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
124	Red 9 Cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
125	Fine red 9 Fine cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
126	Green 9 Magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
127	Fine green 9 Fine magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
128	Blue 9 Yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
129	Fine blue 9 Fine yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
130	White 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
131	Fine white 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
132	Red 10 Cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
133	Fine red 10 Fine cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
134	Green 10 Magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
135	Fine green 10 Fine magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
136	Blue 10 Yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
137	Fine blue 10 Fine yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
138	White 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
139	Fine white 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
140	Red 11 Cyan 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
141	Fine red 11 Fine cyan 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
142	Green 11 Magenta 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
143	Fine green 11 Fine magenta 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
144	Blue 11 Yellow 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
145	Fine blue 11 Fine yellow 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
146	White 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
147	Fine white 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Channel	Function	Value	Percent/Setting
148	Red 12 Cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
149	Fine red 12 Fine cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
150	Green 12 Magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
151	Fine green 12 Fine magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
152	Blue 12 Yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
153	Fine blue 12 Fine yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
154	White 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
155	Fine white 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Standard (101 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇄ 255	0–100%
2	Fine tilt 1	000 ⇄ 255	0–100%
3	Tilt 2	000 ⇄ 255	0–100%
4	Fine tilt 2	000 ⇄ 255	0–100%
5	Tilt 3	000 ⇄ 255	0–100%
6	Fine tilt 3	000 ⇄ 255	0–100%
7	Tilt 4	000 ⇄ 255	0–100%
8	Fine tilt 4	000 ⇄ 255	0–100%
9	Tilt 5	000 ⇄ 255	0–100%
10	Fine tilt 5	000 ⇄ 255	0–100%
11	Tilt 6	000 ⇄ 255	0–100%
12	Fine tilt 6	000 ⇄ 255	0–100%
13	Tilt 7	000 ⇄ 255	0–100%
14	Fine tilt 7	000 ⇄ 255	0–100%
15	Tilt 8	000 ⇄ 255	0–100%
16	Fine tilt 8	000 ⇄ 255	0–100%
17	Tilt 9	000 ⇄ 255	0–100%
18	Fine tilt 9	000 ⇄ 255	0–100%
19	Tilt 10	000 ⇄ 255	0–100%
20	Fine tilt 10	000 ⇄ 255	0–100%
21	Tilt 11	000 ⇄ 255	0–100%
22	Fine tilt 11	000 ⇄ 255	0–100%
23	Tilt 12	000 ⇄ 255	0–100%
24	Fine tilt 12	000 ⇄ 255	0–100%
25	Tilt speed	000 ⇄ 255	Fast to slow
26	Tilt macro	000 ⇄ 004 005 ⇄ 255	No function see Tilt Macro
27	CTC	000 001 ⇄ 255	No function From 19000K to 2700K
28	Color macro	000 001 ⇄ 255	No function see Color Chart
29	Pattern (see Patterns)	000 001 ⇄ 002	No function Pattern 1–255
30	LED built-in	000 ⇄ 015 016 ⇄ 255	No function see LED Macro
31	LED built-in speed	000 ⇄ 127 128 129 ⇄ 255	Fast to slow Stop Slow to fast
32	LED built-in delay	000 ⇄ 255	Fast to slow
33	Background color	000 001 ⇄ 255	No function see Color Chart

Channel	Function	Value	Percent/Setting
34	Background color dimmer	000 ⇔ 255	0–100%
35	Dimmer	000 ⇔ 255	0–100%
36	Strobe	000 ⇔ 019	Off
		020 ⇔ 255	see Strobe Chart
37	Zoom 1	000 ⇔ 255	0–100%
38	Zoom 2	000 ⇔ 255	0–100%
39	Zoom 3	000 ⇔ 255	0–100%
40	Zoom 4	000 ⇔ 255	0–100%
41	Zoom 5	000 ⇔ 255	0–100%
42	Zoom 6	000 ⇔ 255	0–100%
43	Zoom 7	000 ⇔ 255	0–100%
44	Zoom 8	000 ⇔ 255	0–100%
45	Zoom 9	000 ⇔ 255	0–100%
46	Zoom 10	000 ⇔ 255	0–100%
47	Zoom 11	000 ⇔ 255	0–100%
48	Zoom 12	000 ⇔ 255	0–100%
49	Control	000 ⇔ 009	No function
		010 ⇔ 255	see Control Chart
50	Red Cyan	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Green Magenta	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Blue Yellow	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	White	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Red 1 Cyan 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Green 1 Magenta 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Blue 1 Yellow 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	White 1	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
58	Red 2 Cyan 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Green 2 Magenta 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
60	Blue 2 Yellow 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
61	White 2	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
62	Red 3 Cyan 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
63	Green 3 Magenta 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
64	Blue 3 Yellow 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	White 3	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Red 4 Cyan 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Green 4 Magenta 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
68	Blue 4 Yellow 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	White 4	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Red 5 Cyan 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
71	Green 5 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	White 5	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
74	Red 6 Cyan 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Green 6 Magenta 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Blue 6 Yellow 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
77	White 6	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Red 7 Cyan 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	Green 7 Magenta 7	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Blue 7 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	Red 8 Cyan 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Green 8 Magenta 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
84	Blue 8 Yellow 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Channel	Function	Value	Percent/Setting
85	White 8	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Red 9 Cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
87	Green 9 Magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
88	Blue 9 Yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
89	White 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
90	Red 10 Cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
91	Green 10 Magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
92	Blue 10 Yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
93	White 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
94	Red 11 Cyan 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
95	Green 11 Magenta 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
96	Blue 11 Yellow 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
97	White 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
98	Red 12 Cyan 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
99	Green 12 Magenta 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
100	Blue 12 Yellow 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
101	White 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Basic2 (53 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇔ 255	0–100%
2	Fine tilt 1	000 ⇔ 255	0–100%
3	Tilt 2	000 ⇔ 255	0–100%
4	Fine tilt 2	000 ⇔ 255	0–100%
5	Tilt 3	000 ⇔ 255	0–100%
6	Fine tilt 3	000 ⇔ 255	0–100%
7	Tilt 4	000 ⇔ 255	0–100%
8	Fine tilt 4	000 ⇔ 255	0–100%
9	Tilt 5	000 ⇔ 255	0–100%
10	Fine tilt 5	000 ⇔ 255	0–100%
11	Tilt 6	000 ⇔ 255	0–100%
12	Fine tilt 6	000 ⇔ 255	0–100%
13	Tilt 7	000 ⇔ 255	0–100%
14	Fine tilt 7	000 ⇔ 255	0–100%
15	Tilt 8	000 ⇔ 255	0–100%
16	Fine tilt 8	000 ⇔ 255	0–100%
17	Tilt 9	000 ⇔ 255	0–100%
18	Fine tilt 9	000 ⇔ 255	0–100%
19	Tilt 10	000 ⇔ 255	0–100%
20	Fine tilt 10	000 ⇔ 255	0–100%
21	Tilt 11	000 ⇔ 255	0–100%
22	Fine tilt 11	000 ⇔ 255	0–100%
23	Tilt 12	000 ⇔ 255	0–100%
24	Fine tilt 12	000 ⇔ 255	0–100%
25	Tilt speed	000 ⇔ 255	Fast to slow
26	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
27	CTC	000 001 ⇔ 255	No function From 19000K to 2700K
28	Color macro	000 001 ⇔ 255	No function see Color Chart

Channel	Function	Value	Percent/Setting
29	Pattern (see Patterns)	000	No function
		001 ⇔ 002	Pattern 1–255
30	LED built-in	000 ⇔ 015	No function
		016 ⇔ 255	see LED Macro
31	LED built-in speed	000 ⇔ 127	Fast to slow
		128	Stop
		129 ⇔ 255	Slow to fast
32	LED built-in delay	000 ⇔ 255	Fast to slow
33	Background color	000	No function
		001 ⇔ 255	see Color Chart
34	Background color dimmer	000 ⇔ 255	0–100%
35	Dimmer	000 ⇔ 255	0–100%
36	Strobe	000 ⇔ 019	Off
		020 ⇔ 255	see Strobe Chart
37	Zoom 1	000 ⇔ 255	0–100%
38	Zoom 2	000 ⇔ 255	0–100%
39	Zoom 3	000 ⇔ 255	0–100%
40	Zoom 4	000 ⇔ 255	0–100%
41	Zoom 5	000 ⇔ 255	0–100%
42	Zoom 6	000 ⇔ 255	0–100%
43	Zoom 7	000 ⇔ 255	0–100%
44	Zoom 8	000 ⇔ 255	0–100%
45	Zoom 9	000 ⇔ 255	0–100%
46	Zoom 10	000 ⇔ 255	0–100%
47	Zoom 11	000 ⇔ 255	0–100%
48	Zoom 12	000 ⇔ 255	0–100%
49	Control	000 ⇔ 009	No function
		010 ⇔ 255	see Control Chart
50	Red Cyan	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Green Magenta	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Blue Yellow	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	White	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Basic (20 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1–12	000 ⇔ 255	0–100%
2	Fine tilt 1–12	000 ⇔ 255	0–100%
3	Tilt speed	000 ⇔ 255	0–100%
4	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
5	CTC	000 001 ⇔ 255	No function From 19000K to 2700K
6	Color macro	000 001 ⇔ 255	No function see Color Chart
7	Pattern (see Patterns)	000 001 ⇔ 255	No function Pattern 1–255
8	LED built-in	000 ⇔ 015 016 ⇔ 255	No function see LED Macro
9	LED built-in speed	000 ⇔ 127 128 129 ⇔ 255	Fast to slow Stop Slow to fast
10	LED built-in delay	000 ⇔ 255	Fast to slow
11	Background color	000 001 ⇔ 255	No function see Color Chart
12	Background color dimmer	000 ⇔ 255	0–100%
13	Dimmer	000 ⇔ 255	0–100%
14	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
15	Zoom 1–12	000 ⇔ 255	0–100%
16	Control	000 ⇔ 009 010 ⇔ 255	No function see Control Chart
17	Red Cyan	000 ⇔ 255	0–100%
18	Green Magenta	000 ⇔ 255	0–100%
19	Blue Yellow	000 ⇔ 255	0–100%
20	White	000 ⇔ 255	0–100%

Dual Control Mode - Movement

Advanced (59 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇔ 255	0–100%
2	Fine tilt 1	000 ⇔ 255	0–100%
3	Tilt 2	000 ⇔ 255	0–100%
4	Fine tilt 2	000 ⇔ 255	0–100%
5	Tilt 3	000 ⇔ 255	0–100%
6	Fine tilt 3	000 ⇔ 255	0–100%
7	Tilt 4	000 ⇔ 255	0–100%
8	Fine tilt 4	000 ⇔ 255	0–100%
9	Tilt 5	000 ⇔ 255	0–100%
10	Fine tilt 5	000 ⇔ 255	0–100%
11	Tilt 6	000 ⇔ 255	0–100%
12	Fine tilt 6	000 ⇔ 255	0–100%
13	Tilt 7	000 ⇔ 255	0–100%
14	Fine tilt 7	000 ⇔ 255	0–100%
15	Tilt 8	000 ⇔ 255	0–100%
16	Fine tilt 8	000 ⇔ 255	0–100%
17	Tilt 9	000 ⇔ 255	0–100%
18	Fine tilt 9	000 ⇔ 255	0–100%
19	Tilt 10	000 ⇔ 255	0–100%
20	Fine tilt 10	000 ⇔ 255	0–100%
21	Tilt 11	000 ⇔ 255	0–100%
22	Fine tilt 11	000 ⇔ 255	0–100%
23	Tilt 12	000 ⇔ 255	0–100%
24	Fine tilt 12	000 ⇔ 255	0–100%
25	Tilt speed	000 ⇔ 255	Fast to slow
26	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
27	CTC	000 001 ⇔ 255	No function From 19000K to 2700K
28	Color macro	000 001 ⇔ 255	No function see Color Chart
29	Pattern (see Patterns)	000 001 ⇔ 002	No function Pattern 1–255
30	LED built-in	000 ⇔ 015 016 ⇔ 255	No function see LED Macro
31	LED built-in speed	000 ⇔ 127 128 129 ⇔ 255	Fast to slow Stop Slow to fast
32	LED built-in delay	000 ⇔ 255	Fast to slow
33	Background color	000 001 ⇔ 255	No function see Color Chart
34	Background color dimmer	000 ⇔ 255	0–100%
35	Background color fine dimmer	000 ⇔ 255	0–100%
36	Dimmer	000 ⇔ 255	0–100%
37	Fine dimmer	000 ⇔ 255	0–100%
38	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
39	Zoom 1	000 ⇔ 255	0–100%
40	Zoom 2	000 ⇔ 255	0–100%
41	Zoom 3	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting	
42	Zoom 4	000 ⇄ 255	0–100%	
43	Zoom 5	000 ⇄ 255	0–100%	
44	Zoom 6	000 ⇄ 255	0–100%	
45	Zoom 7	000 ⇄ 255	0–100%	
46	Zoom 8	000 ⇄ 255	0–100%	
47	Zoom 9	000 ⇄ 255	0–100%	
48	Zoom 10	000 ⇄ 255	0–100%	
49	Zoom 11	000 ⇄ 255	0–100%	
50	Zoom 12	000 ⇄ 255	0–100%	
51	Control	000 ⇄ 009 010 ⇄ 255	No function see Control Chart	
52	Red	Cyan	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	Fine red	Fine cyan	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
54	Green	Magenta	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
55	Fine green	Fine magenta	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
56	Blue	Yellow	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
57	Fine blue	Fine yellow	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
58	White		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
59	Fine white		000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Standard (53 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇄ 255	0–100%
2	Fine tilt 1	000 ⇄ 255	0–100%
3	Tilt 2	000 ⇄ 255	0–100%
4	Fine tilt 2	000 ⇄ 255	0–100%
5	Tilt 3	000 ⇄ 255	0–100%
6	Fine tilt 3	000 ⇄ 255	0–100%
7	Tilt 4	000 ⇄ 255	0–100%
8	Fine tilt 4	000 ⇄ 255	0–100%
9	Tilt 5	000 ⇄ 255	0–100%
10	Fine tilt 5	000 ⇄ 255	0–100%
11	Tilt 6	000 ⇄ 255	0–100%
12	Fine tilt 6	000 ⇄ 255	0–100%
13	Tilt 7	000 ⇄ 255	0–100%
14	Fine tilt 7	000 ⇄ 255	0–100%
15	Tilt 8	000 ⇄ 255	0–100%
16	Fine tilt 8	000 ⇄ 255	0–100%
17	Tilt 9	000 ⇄ 255	0–100%
18	Fine tilt 9	000 ⇄ 255	0–100%
19	Tilt 10	000 ⇄ 255	0–100%
20	Fine tilt 10	000 ⇄ 255	0–100%
21	Tilt 11	000 ⇄ 255	0–100%
22	Fine tilt 11	000 ⇄ 255	0–100%
23	Tilt 12	000 ⇄ 255	0–100%
24	Fine tilt 12	000 ⇄ 255	0–100%
25	Tilt speed	000 ⇄ 255	Fast to slow
26	Tilt macro	000 ⇄ 004 005 ⇄ 255	No function see Tilt Macro
27	CTC	000 001 ⇄ 255	No function From 19000K to 2700K

Channel	Function	Value	Percent/Setting
28	Color macro	000 001 ⇔ 255	No function see Color Chart
29	Pattern (see Patterns)	000 001 ⇔ 002	No function Pattern 1–255
30	LED built-in	000 ⇔ 015 016 ⇔ 255	No function see LED Macro
31	LED built-in speed	000 ⇔ 127 128 129 ⇔ 255	Fast to slow Stop Slow to fast
32	LED built-in delay	000 ⇔ 255	Fast to slow
33	Background color	000 001 ⇔ 255	No function see Color Chart
34	Background color dimmer	000 ⇔ 255	0–100%
35	Dimmer	000 ⇔ 255	0–100%
36	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
37	Zoom 1	000 ⇔ 255	0–100%
38	Zoom 2	000 ⇔ 255	0–100%
39	Zoom 3	000 ⇔ 255	0–100%
40	Zoom 4	000 ⇔ 255	0–100%
41	Zoom 5	000 ⇔ 255	0–100%
42	Zoom 6	000 ⇔ 255	0–100%
43	Zoom 7	000 ⇔ 255	0–100%
44	Zoom 8	000 ⇔ 255	0–100%
45	Zoom 9	000 ⇔ 255	0–100%
46	Zoom 10	000 ⇔ 255	0–100%
47	Zoom 11	000 ⇔ 255	0–100%
48	Zoom 12	000 ⇔ 255	0–100%
49	Control	000 ⇔ 009 010 ⇔ 255	No function see Control Chart
50	Red Cyan	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
51	Green Magenta	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
52	Blue Yellow	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
53	White	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Basic 2 (41 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1	000 ⇔ 255	0–100%
2	Fine tilt 1	000 ⇔ 255	0–100%
3	Tilt 2	000 ⇔ 255	0–100%
4	Fine tilt 2	000 ⇔ 255	0–100%
5	Tilt 3	000 ⇔ 255	0–100%
6	Fine tilt 3	000 ⇔ 255	0–100%
7	Tilt 4	000 ⇔ 255	0–100%
8	Fine tilt 4	000 ⇔ 255	0–100%
9	Tilt 5	000 ⇔ 255	0–100%
10	Fine tilt 5	000 ⇔ 255	0–100%
11	Tilt 6	000 ⇔ 255	0–100%
12	Fine tilt 6	000 ⇔ 255	0–100%
13	Tilt 7	000 ⇔ 255	0–100%
14	Fine tilt 7	000 ⇔ 255	0–100%
15	Tilt 8	000 ⇔ 255	0–100%
16	Fine tilt 8	000 ⇔ 255	0–100%
17	Tilt 9	000 ⇔ 255	0–100%
18	Fine tilt 9	000 ⇔ 255	0–100%
19	Tilt 10	000 ⇔ 255	0–100%
20	Fine tilt 10	000 ⇔ 255	0–100%
21	Tilt 11	000 ⇔ 255	0–100%
22	Fine tilt 11	000 ⇔ 255	0–100%
23	Tilt 12	000 ⇔ 255	0–100%
24	Fine tilt 12	000 ⇔ 255	0–100%
25	Tilt speed	000 ⇔ 255	Fast to slow
26	Tilt macro	000 ⇔ 004 005 ⇔ 255	No function see Tilt Macro
27	Dimmer	000 ⇔ 255	0–100%
28	Strobe	000 ⇔ 019 020 ⇔ 255	Off see Strobe Chart
29	Zoom 1	000 ⇔ 255	0–100%
30	Zoom 2	000 ⇔ 255	0–100%
31	Zoom 3	000 ⇔ 255	0–100%
32	Zoom 4	000 ⇔ 255	0–100%
33	Zoom 5	000 ⇔ 255	0–100%
34	Zoom 6	000 ⇔ 255	0–100%
35	Zoom 7	000 ⇔ 255	0–100%
36	Zoom 8	000 ⇔ 255	0–100%
37	Zoom 9	000 ⇔ 255	0–100%
38	Zoom 10	000 ⇔ 255	0–100%
39	Zoom 11	000 ⇔ 255	0–100%
40	Zoom 12	000 ⇔ 255	0–100%
41	Control	000 ⇔ 009 010 ⇔ 255	No function see Control Chart

Basic (8 channels)

Channel	Function	Value	Percent/Setting
1	Tilt 1-12	000 ⇔ 255	0–100%
2	Fine tilt 1-12	000 ⇔ 255	0–100%
3	Tilt speed	000 ⇔ 255	Fast to slow
4	Tilt macro	000 ⇔ 004	No function
		005 ⇔ 255	see Tilt Macro
5	Dimmer	000 ⇔ 255	0–100%
6	Strobe	000 ⇔ 019	Off
		020 ⇔ 255	see Strobe Chart
7	Zoom 1-12	000 ⇔ 255	0–100%
8	Control	000 ⇔ 009	No function
		010 ⇔ 255	see Control Chart

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Dual Control Mode - Pixels

Advanced (96 channels)

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%

Channel	Function	Value	Percent/Setting
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%
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	0–100%
61	Blue 8 Yellow 8	000 ⇄ 255	0–100%
62	Fine blue 8 Fine yellow 8	000 ⇄ 255	0–100%
63	White 8	000 ⇄ 255	0–100%
64	Fine white 8	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
65	Red 9 Cyan 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
66	Fine red 9 Fine cyan 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
67	Green 9 Magenta 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
68	Fine green 9 Fine magenta 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
69	Blue 9 Yellow 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
70	Fine blue 9 Fine yellow 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
71	White 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
72	Fine white 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
73	Red 10 Cyan 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
74	Fine red 10 Fine cyan 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
75	Green 10 Magenta 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
76	Fine green 10 Fine magenta 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
77	Blue 10 Yellow 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
78	Fine blue 10 Fine yellow 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
79	White 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
80	Fine white 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
81	Red 11 Cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
82	Fine red 11 Fine cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
83	Green 11 Magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
84	Fine green 11 Fine magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
85	Blue 11 Yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
86	Fine blue 11 Fine yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
87	White 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
88	Fine white 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
89	Red 12 Cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
90	Fine red 12 Fine cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
91	Green 12 Magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
92	Fine green 12 Fine magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
93	Blue 12 Yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
94	Fine blue 12 Fine yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
95	White 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
96	Fine white 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Standard (48 channels)

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%
33	Red 9 Cyan 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Green 9 Magenta 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
35	Blue 9 Yellow 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	White 9	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
37	Red 10 Cyan 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
38	Green 10 Magenta 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
39	Blue 10 Yellow 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
40	White 10	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
41	Red 11 Cyan 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
42	Green 11 Magenta 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
43	Blue 11 Yellow 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
44	White 11	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
45	Red 12 Cyan 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
46	Green 12 Magenta 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
47	Blue 12 Yellow 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
48	White 12	000 ⇄ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

Basic (36 channels)

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%
25	Red 9	Cyan 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
26	Green 9	Magenta 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
27	Blue 9	Yellow 9	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
28	Red 10	Cyan 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
29	Green 10	Magenta 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
30	Blue 10	Yellow 10	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
31	Red 11	Cyan 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
32	Green 11	Magenta 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
33	Blue 11	Yellow 11	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
34	Red 12	Cyan 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
35	Green 12	Magenta 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%
36	Blue 12	Yellow 12	000 ⇔ 255	RGBW Mode: 0–100% / CMY Mode: 100–0%

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Tilt Macro

Value	Percent/Setting	Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 004	No function	090 ⇔ 094	Tilt macro 18	180 ⇔ 184	Tilt macro 36
005 ⇔ 009	Tilt macro 1	095 ⇔ 099	Tilt macro 19	185 ⇔ 189	Tilt macro 37
010 ⇔ 014	Tilt macro 2	100 ⇔ 104	Tilt macro 20	190 ⇔ 194	Tilt macro 38
015 ⇔ 019	Tilt macro 3	105 ⇔ 109	Tilt macro 21	195 ⇔ 199	Tilt macro 39
020 ⇔ 024	Tilt macro 4	110 ⇔ 114	Tilt macro 22	200 ⇔ 204	Tilt macro 40
025 ⇔ 029	Tilt macro 5	115 ⇔ 119	Tilt macro 23	205 ⇔ 209	Tilt macro 41
030 ⇔ 034	Tilt macro 6	120 ⇔ 124	Tilt macro 24	210 ⇔ 214	Tilt macro 42
035 ⇔ 039	Tilt macro 7	125 ⇔ 129	Tilt macro 25	215 ⇔ 219	Tilt macro 43
040 ⇔ 044	Tilt macro 8	130 ⇔ 134	Tilt macro 26	220 ⇔ 224	Tilt macro 44
045 ⇔ 049	Tilt macro 9	135 ⇔ 139	Tilt macro 27	225 ⇔ 229	Tilt macro 45
050 ⇔ 054	Tilt macro 10	140 ⇔ 144	Tilt macro 28	230 ⇔ 234	Tilt macro 46
055 ⇔ 059	Tilt macro 11	145 ⇔ 149	Tilt macro 29	235 ⇔ 239	Tilt macro 47
060 ⇔ 064	Tilt macro 12	150 ⇔ 154	Tilt macro 30	240 ⇔ 244	Tilt macro 48
065 ⇔ 069	Tilt macro 13	155 ⇔ 159	Tilt macro 31	245 ⇔ 249	Tilt macro 49
070 ⇔ 074	Tilt macro 14	160 ⇔ 164	Tilt macro 32	250 ⇔ 254	Tilt macro 50
075 ⇔ 079	Tilt macro 15	165 ⇔ 169	Tilt macro 33	255	Tilt macro 51
080 ⇔ 084	Tilt macro 16	170 ⇔ 174	Tilt macro 34		
085 ⇔ 089	Tilt macro 17	175 ⇔ 179	Tilt macro 35		

Color Chart

DMX Value	Function	Red Value	Green Value	Blue Value	White Value
000	No function	N/A	N/A	N/A	N/A
001 ⇔ 002	2700K	156	118	000	063
003 ⇔ 004	3200K	156	141	005	089
005 ⇔ 006	4200K	156	141	014	255
007 ⇔ 008	5600K	156	207	054	255
009 ⇔ 010	8000K	130	255	096	255
011	Blue	000	000	255	000
012 ⇔ 048	Blue to cyan	000	+	255	000
049	Cyan	000	255	255	000
050 ⇔ 086	Cyan to green	000	255	-	000
087	Green	000	255	000	000
088 ⇔ 124	Green to yellow	+	255	000	000
125	Yellow	255	255	000	000
126 ⇔ 162	Yellow to red	255	-	000	000
163	Red	255	000	000	000
164 ⇔ 200	Red to magenta	255	000	+	000
201	Magenta	255	000	255	000
202 ⇔ 238	Magenta to blue	-	000	255	000
239	Blue	000	000	255	000
240 ⇔ 247	Color fade, fast to slow	N/A	N/A	N/A	N/A
248 ⇔ 255	Color snap, fast to slow	N/A	N/A	N/A	N/A

Strobe Chart

DMX Value	Function	DMX Value	Function
000 ⇔ 019	Off	145 ⇔ 149	On
020 ⇔ 024	On	150 ⇔ 164	Random 0–100% strobe, fast to slow
025 ⇔ 064	Strobe, fast to slow	165 ⇔ 169	On
065 ⇔ 069	On	170 ⇔ 184	Pulse strobe 1, fast to slow
070 ⇔ 084	100–0% strobe, fast to slow	185 ⇔ 189	On
085 ⇔ 089	On	190 ⇔ 204	Random pulse strobe, fast to slow
090 ⇔ 104	0–100% strobe, fast to slow	205 ⇔ 209	On
105 ⇔ 109	On	210 ⇔ 224	100–0–100% strobe, fast to slow
110 ⇔ 124	Random strobe, fast to slow	225 ⇔ 229	On
125 ⇔ 129	On	230 ⇔ 244	Pulse strobe 2, fast to slow
130 ⇔ 144	Random 100–0% strobe, fast to slow	245 ⇔ 255	On

Control Chart

DMX Value	Function	DMX Value	Function
000 ⇔ 009	No function	100 ⇔ 104	Disable tilt reverse
010 ⇔ 014	Blackout on tilt	105 ⇔ 109	Reserved for future use
015 ⇔ 019	Reserved for future use	110 ⇔ 114	Red Shift on
020 ⇔ 024	RGBW (additive) color-mixing mode	115 ⇔ 119	Red Shift off
025 ⇔ 029	CMY (subtractive) color-mixing mode	120 ⇔ 134	Reserved for future use
030 ⇔ 034	Combine heads	135 ⇔ 139	Dimmer fast
035 ⇔ 039	Disable combine heads	140 ⇔ 144	Dimmer smooth
040 ⇔ 044	Color presets HTP on	145 ⇔ 149	Linear
045 ⇔ 049	Color presets HTP off	150 ⇔ 154	Square
050 ⇔ 054	Reserved for future use	155 ⇔ 159	I Squa
055 ⇔ 059	Tilt reset	160 ⇔ 164	S-Curve
060 ⇔ 064	Zoom reset	165 ⇔ 169	White Mode
065 ⇔ 066	TV reset mode	170 ⇔ 174	Full Mode
067 ⇔ 069	Normal reset mode	175 ⇔ 179	PWM 600HZ
070 ⇔ 074	All reset	180 ⇔ 184	PWM 1200HZ
075 ⇔ 079	Cell order 1–12	185 ⇔ 189	PWM 2000 HZ
080 ⇔ 084	Cell order 12–1	190 ⇔ 194	PWM 4000 HZ
085 ⇔ 089	Reserved for future use	195 ⇔ 199	PWM 6000 HZ
090 ⇔ 094	Tilt reverse	200 ⇔ 204	PWM 15000 HZ
095 ⇔ 099	Reserved for future use	205 ⇔ 255	Reserved for future use



Preset Color HTP

When preset color HTP is on, manual color controls may be used at the same time as preset color controls. When preset color HTP is off, preset color controls will override all manual color controls.

DMX CHART



V1.250624

LED Macro

Value	Percent/Setting	Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 015	No function	096 ⇔ 097	LED built-in 41	176 ⇔ 177	LED built-in 81
016 ⇔ 017	LED built-in 1	098 ⇔ 099	LED built-in 42	178 ⇔ 179	LED built-in 82
018 ⇔ 019	LED built-in 2	100 ⇔ 101	LED built-in 43	180 ⇔ 181	LED built-in 83
020 ⇔ 021	LED built-in 3	102 ⇔ 103	LED built-in 44	182 ⇔ 183	LED built-in 84
022 ⇔ 023	LED built-in 4	104 ⇔ 105	LED built-in 45	184 ⇔ 185	LED built-in 85
024 ⇔ 025	LED built-in 5	106 ⇔ 107	LED built-in 46	186 ⇔ 187	LED built-in 86
026 ⇔ 027	LED built-in 6	108 ⇔ 109	LED built-in 47	188 ⇔ 189	LED built-in 87
028 ⇔ 029	LED built-in 7	110 ⇔ 111	LED built-in 48	190 ⇔ 191	LED built-in 88
030 ⇔ 031	LED built-in 8	112 ⇔ 113	LED built-in 49	192 ⇔ 193	LED built-in 89
032 ⇔ 033	LED built-in 9	114 ⇔ 115	LED built-in 50	194 ⇔ 195	LED built-in 90
034 ⇔ 035	LED built-in 10	116 ⇔ 117	LED built-in 51	196 ⇔ 197	LED built-in 91
036 ⇔ 037	LED built-in 11	118 ⇔ 119	LED built-in 52	198 ⇔ 199	LED built-in 92
038 ⇔ 039	LED built-in 12	120 ⇔ 121	LED built-in 53	200 ⇔ 201	LED built-in 93
040 ⇔ 041	LED built-in 13	122 ⇔ 123	LED built-in 54	202 ⇔ 203	LED built-in 94
042 ⇔ 043	LED built-in 14	124 ⇔ 125	LED built-in 55	204 ⇔ 205	LED built-in 95
044 ⇔ 045	LED built-in 15	126 ⇔ 127	LED built-in 56	206 ⇔ 207	LED built-in 96
046 ⇔ 047	LED built-in 16	128 ⇔ 129	LED built-in 57	208 ⇔ 209	LED built-in 97
048 ⇔ 049	LED built-in 17	130 ⇔ 131	LED built-in 58	210 ⇔ 211	LED built-in 98
050 ⇔ 051	LED built-in 18	132 ⇔ 133	LED built-in 59	212 ⇔ 213	LED built-in 99
052 ⇔ 053	LED built-in 19	134 ⇔ 135	LED built-in 60	214 ⇔ 215	LED built-in 100
054 ⇔ 055	LED built-in 20	136 ⇔ 137	LED built-in 61	216 ⇔ 217	LED built-in 101
056 ⇔ 057	LED built-in 21	138 ⇔ 139	LED built-in 62	218 ⇔ 219	LED built-in 102
058 ⇔ 059	LED built-in 22	140 ⇔ 141	LED built-in 63	220 ⇔ 221	LED built-in 103
060 ⇔ 061	LED built-in 23	142 ⇔ 143	LED built-in 64	222 ⇔ 223	LED built-in 104
062 ⇔ 063	LED built-in 24	144 ⇔ 145	LED built-in 65	224 ⇔ 225	LED built-in 105
064 ⇔ 065	LED built-in 25	146 ⇔ 147	LED built-in 66	226 ⇔ 227	LED built-in 106
066 ⇔ 067	LED built-in 26	148 ⇔ 149	LED built-in 67	228 ⇔ 229	LED built-in 107
068 ⇔ 069	LED built-in 27	150 ⇔ 151	LED built-in 68	230 ⇔ 231	LED built-in 108
070 ⇔ 071	LED built-in 28	152 ⇔ 153	LED built-in 69	232 ⇔ 233	LED built-in 109
072 ⇔ 073	LED built-in 29	154 ⇔ 155	LED built-in 70	234 ⇔ 235	LED built-in 110
074 ⇔ 075	LED built-in 30	156 ⇔ 157	LED built-in 71	236 ⇔ 237	LED built-in 111
076 ⇔ 077	LED built-in 31	158 ⇔ 159	LED built-in 72	238 ⇔ 239	LED built-in 112
078 ⇔ 079	LED built-in 32	160 ⇔ 161	LED built-in 73	240 ⇔ 241	LED built-in 113
080 ⇔ 081	LED built-in 33	162 ⇔ 163	LED built-in 74	242 ⇔ 243	LED built-in 114
082 ⇔ 083	LED built-in 34	164 ⇔ 165	LED built-in 75	244 ⇔ 245	LED built-in 115
084 ⇔ 085	LED built-in 35	166 ⇔ 167	LED built-in 76	246 ⇔ 247	LED built-in 116
086 ⇔ 087	LED built-in 36	168 ⇔ 169	LED built-in 77	248 ⇔ 249	LED built-in 117
088 ⇔ 089	LED built-in 37	170 ⇔ 171	LED built-in 78	250 ⇔ 251	LED built-in 118
090 ⇔ 091	LED built-in 38	172 ⇔ 173	LED built-in 79	252 ⇔ 253	LED built-in 119
092 ⇔ 093	LED built-in 39	174 ⇔ 175	LED built-in 80	254 ⇔ 255	LED built-in 120
094 ⇔ 095	LED built-in 40				

Patterns

1	oooooooooooo	65	●●●●●o●●●●	129	●●●●o●●●●●	193	●oooo●●●●●
2	o●●●●●●●●●	66	oo●●●●●●●●	130	●●●●o●●●●●	194	oooooooo●●●●
3	●o●●●●●●●●	67	oo●●o●●●●●	131	●●●●●o●●●●	195	●ooooo●●●●
4	●●o●●●●●●●	68	oo●●o●●●●●	132	●●●●●o●●●●	196	●●ooooo●●●
5	●●●o●●●●●●	69	oo●●o●●●●●	133	●●●●●o●●●●	197	●●ooooo●●●
6	●●●●o●●●●●	70	oo●●o●●●●●	134	●●●●●o●●●●	198	●●ooooo●●●
7	●●●●●o●●●●	71	oo●●o●●●●●	135	●●●●●o●●●●	199	●●ooooo●●●
8	●●●●●●o●●●	72	oo●●o●●●●●	136	oooo●●●●●●	200	o●●●●●o●●●
9	●●●●●●●o●●	73	oo●●o●●●●●	137	●oooo●●●●●	201	oo●●●●o●●●
10	●●●●●●●●o●	74	oooo●●●●●●	138	●●oooo●●●●	202	oo●●●●o●●●
11	●●●●●●●●●o	75	●oooo●●●●●	139	●●oooo●●●●	203	oo●●●●o●●●
12	●●●●●●●●●●	76	●oooo●●●●●	140	●●oooo●●●●	204	oo●●●●o●●●
13	●●●●●●●●●o	77	●oooo●●●●●	141	●●oooo●●●●	205	oo●●●●o●●●
14	●●●●●●●●●●	78	●oooo●●●●●	142	●●oooo●●●●	206	oo●●●●o●●●
15	oo●●●●●●●●	79	●oooo●●●●●	143	●●oooo●●●●	207	●●ooooo●●●
16	●o●●●●●●●●	80	●oooo●●●●●	144	oo●●●●o●●●	208	oooooooo●●●●
17	●●o●●●●●●●	81	●oooo●●●●●	145	oo●●●●o●●●	209	●ooooo●●●●
18	●●●o●●●●●●	82	●oooo●●●●●	146	oo●●●●o●●●	210	●ooooo●●●●
19	●●●●o●●●●●	83	oo●●o●●●●●	147	oo●●o●●●●●	211	●ooooo●●●●
20	●●●●●o●●●●	84	oo●●o●●●●●	148	ooooo●●●●●	212	●ooooo●●●●
21	●●●●●●o●●●	85	oo●●o●●●●●	149	oooo●o●●●●	213	o●ooooo●●●
22	●●●●●●●o●●	86	oo●●o●●●●●	150	oooo●●o●●●	214	oo●ooooo●●
23	●●●●●●●●o●	87	oo●●o●●●●●	151	oooo●●o●●●	215	oo●ooooo●●
24	●●●●●●●●●o	88	●oo●o●●●●●	152	oooo●●o●●●	216	oooo●ooooo
25	●●●●●●●●●●	89	●oo●o●●●●●	153	oooo●●o●●●	217	oooo●ooooo
26	oo●●●●●●●●	90	●oo●o●●●●●	154	oo●●o●●●●●	218	oooo●ooooo
27	o●o●●●●●●●	91	oo●●o●●●●●	155	oo●●o●●●●●	219	oooo●ooooo
28	●o●o●●●●●●	92	oo●●o●●●●●	156	oo●●o●●●●●	220	oooo●ooooo
29	●●o●o●●●●●	93	●oo●o●●●●●	157	oo●●o●●●●●	221	●oooo●oooo
30	●●●o●o●●●●	94	●oo●o●●●●●	158	oo●●o●●●●●	222	●oooo●oooo
31	●●●●o●o●●●	95	oo●●o●●●●●	159	oo●●o●●●●●	223	●oooo●oooo
32	●●●●●o●o●●	96	oo●●o●●●●●	160	●oooo●o●●●	224	o●ooooo●●●
33	●●●●●●o●o●	97	oo●●o●●●●●	161	●oooo●o●●●	225	oo●ooooo●●
34	●●●●●●●o●●	98	oo●●o●●●●●	162	oo●●o●●●●●	226	oo●ooooo●●
35	●●●●●●●●o●	99	oo●●o●●●●●	163	oo●●o●●●●●	227	oooo●ooooo
36	●●●●●●●●●o	100	oo●●o●●●●●	164	oo●●o●●●●●	228	oooo●ooooo
37	oo●●●●●●●●	101	oo●●o●●●●●	165	oo●●o●●●●●	229	oooo●ooooo
38	o●o●●●●●●●	102	oo●●o●●●●●	166	oooo●●o●●●	230	oooo●ooooo
39	o●o●o●●●●●	103	oo●●o●●●●●	167	oooo●●o●●●	231	oooo●ooooo
40	●o●o●o●●●●	104	oo●●o●●●●●	168	oo●●o●●●●●	232	oooo●ooooo
41	●●o●o●o●●●	105	oo●●o●●●●●	169	oo●●o●●●●●	233	oo●ooooo●●
42	●●●o●o●o●●	106	oo●●o●●●●●	170	oo●●o●●●●●	234	oo●ooooo●●
43	●●●●o●o●o●	107	oo●●o●●●●●	171	oo●●o●●●●●	235	o●ooooo●●●
44	●●●●●o●o●o	108	oo●●o●●●●●	172	oo●●o●●●●●	236	oo●ooooo●●
45	●●●●●●o●o●	109	oo●●o●●●●●	173	oo●●o●●●●●	237	oo●ooooo●●
46	oo●●●●●●●●	110	oo●●o●●●●●	174	oo●●o●●●●●	238	oooo●ooooo
47	o●o●o●o●o●o	111	oo●●o●●●●●	175	oo●●o●●●●●	239	oooo●ooooo
48	●o●o●o●o●o●	112	oo●●o●●●●●	176	oo●●o●●●●●	240	oooo●ooooo
49	●●o●o●o●o●	113	oo●●o●●●●●	177	oooo●●o●●●	241	oooo●ooooo
50	●●●o●o●o●●	114	oo●●o●●●●●	178	oo●●o●●●●●	242	oooo●ooooo
51	●●●●o●o●o●	115	oo●●o●●●●●	179	oo●●o●●●●●	243	oooo●ooooo
52	●●●●●o●o●o	116	oo●●o●●●●●	180	oo●●o●●●●●	244	oooo●ooooo
53	●●●●●●o●o●	117	oo●●o●●●●●	181	oo●●o●●●●●	245	oo●oooo●o●
54	●●●●●●●o●●	118	oo●●o●●●●●	182	oo●o●o●o●o	246	o●oooo●o●o
55	●●●●●●●●o●	119	oo●●o●●●●●	183	oo●o●o●o●o	247	oo●oooo●o●
56	oo●●●●●●●●	120	oo●●o●●●●●	184	oooo●o●o●o	248	oo●oooo●o●
57	o●o●o●o●o●o	121	oo●●o●●●●●	185	oooo●o●o●o	249	oooo●ooooo
58	o●o●o●o●o●o	122	oo●●o●●●●●	186	oooo●o●o●o	250	oooo●ooooo
59	o●o●o●o●o●o	123	oo●●o●●●●●	187	oooo●o●o●o	251	oo●oooo●o●
60	o●o●o●o●o●o	124	oo●●o●●●●●	188	oooo●o●o●o	252	oo●oooo●o●
61	o●o●o●o●o●o	125	oo●●o●●●●●	189	oo●o●o●o●o	253	oo●oooo●o●
62	o●o●o●o●o●o	126	oo●●o●●●●●	190	oo●o●o●o●o	254	oo●oooo●o●
63	o●o●o●o●o●o	127	oo●●o●●●●●	191	oo●o●o●o●o	255	oo●oooo●o●
64	o●o●o●o●o●o	128	oo●●o●●●●●	192	oo●o●o●o●o	256	oooo●ooooo

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