

## DMX CHART

COLORado Solo Bar 1  
V1.1.3




### Virtual Color Wheel

The COLORado Solo Bar 1 includes a feature called the Virtual Color Wheel (VCW). This feature is available as a standalone control mode and as a control channel in select DMX personalities. More than 30 premixed colors, custom blended by Chauvet engineers, are available to call up for easier programming.

The DMX values used for these colors are provided below. The intensity of the output can be adjusted to more closely replicate industry-standard colors. A chart is available at [www.chauvetprofessional.com](http://www.chauvetprofessional.com) to compare Chauvet's premixed colors with popular gel colors. This chart is for comparison purposes only and is not an assertion that Chauvet's premixed colors match any of the gel colors listed.

### Virtual Color Wheel Chart

DMX Value	Display Readout	Red	Green	Blue	White	Lime
000 ⇄ 005	--	--	--	--	--	--
006 ⇄ 013	<b>C3050–Md Yellow</b>	255	255	000	255	000
014 ⇄ 021	<b>C3040–Lt Yellow</b>	255	235	006	255	000
022 ⇄ 028	<b>C3240–Amb Yellow</b>	255	230	000	255	000
029 ⇄ 035	<b>C2340–VLt Amber</b>	255	119	015	255	000
036 ⇄ 043	<b>C2040–Lt Amber</b>	255	060	006	255	039
044 ⇄ 051	<b>C2050–Md Amber</b>	255	102	000	255	000
052 ⇄ 059	<b>C2060–Dk Amber</b>	255	056	000	255	000
060 ⇄ 067	<b>C1050–Lt Red</b>	255	000	001	005	003
068 ⇄ 075	<b>C1080–Md Red</b>	255	000	000	002	000
076 ⇄ 083	<b>C1020–NC Pink</b>	220	010	019	000	255
084 ⇄ 091	<b>C1030–Md Pink</b>	255	000	023	000	176
092 ⇄ 099	<b>C1630–Dk Pink</b>	232	018	023	000	255
100 ⇄ 107	<b>C1250–Md Red Amber</b>	255	000	000	013	018
108 ⇄ 115	<b>C1060–Dk Red Amber</b>	255	000	005	000	008
116 ⇄ 121	<b>C1650–Magenta</b>	255	000	027	000	055
122 ⇄ 130	<b>C6170–Dk Magenta</b>	255	000	064	000	000
131 ⇄ 138	<b>C6020–Lt Lavender</b>	255	190	064	000	255
139 ⇄ 146	<b>C5030–Lt Blue</b>	030	255	099	030	028
147 ⇄ 154	<b>C5020–VLt Blue</b>	038	255	103	044	094
155 ⇄ 162	<b>C5430–Lt Blue2</b>	022	255	075	026	030
163 ⇄ 170	<b>C5070–Blue</b>	015	255	165	000	000
171 ⇄ 178	<b>C5050–Md Blue</b>	055	255	122	000	000
179 ⇄ 186	<b>C5060–Dk Blue</b>	040	255	169	000	000
187 ⇄ 194	<b>C5690–Indigo</b>	040	000	255	006	000
195 ⇄ 202	<b>C5080–VDk Blue</b>	000	230	255	006	000
203 ⇄ 210	<b>C5081–VDk Blue2</b>	000	178	255	010	000
211 ⇄ 218	<b>C4370–Yel Green</b>	006	255	004	010	000
219 ⇄ 226	<b>C4070–Green</b>	039	255	007	012	000
227 ⇄ 234	<b>C4550–Turquoise</b>	090	255	024	000	000
235 ⇄ 242	<b>C4560–Aqua</b>	070	255	028	000	006
243 ⇄ 250	<b>C4570–Blue Green</b>	000	255	026	000	005
251 ⇄ 255	--	--	--	--	--	--

 The colors above are simulated renditions of the color output produced compared with other similar incandescent products. Chauvet makes no guarantee of the color output accuracy.

**Color Temperature Chart**

DMX Value	Temperature	R	G	B	W	L	DMX Value	Temperature	R	G	B	W	L
000 ⇔ 005	No function						161	5000K	026	073	032	255	040
006	2800K	075	009	000	255	078	162 ⇔ 202	5001–5599K					
007 ⇔ 020	2801–2999K						203	5600K	017	081	035	255	013
021	3000K	063	019	003	255	63	204 ⇔ 216	5601–5999K					
022 ⇔ 034	3001–3199K						217	6000K	016	091	040	255	015
035	3200K	053	023	007	255	059	218 ⇔ 223	6001–6499K					
036 ⇔ 055	3201–3499K						224	6500K	014	095	045	255	017
056	3500K	046	033	011	255	059	225 ⇔ 230	6501–6999K					
057 ⇔ 090	3501–3999K						231	7000K	012	100	051	255	019
091	4000K	036	046	019	255	050	232 ⇔ 237	7001–7499K					
092 ⇔ 125	4001–4499K						238	7500K	012	108	057	255	021
126	4500K	030	059	026	255	049	239 ⇔ 244	7501–7999K					
127 ⇔ 160	4501–4999K						245 ⇔ 255	8000K	012	116	063	255	024



The color temperatures above are simulated renditions of the color output produced compared with a tungsten lamp at the specified color temperature. Chauvet makes no guarantee of the color output accuracy.

**DMX Channel Assignments and Values**

**Control Chart**

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 009	No function	105 ⇔ 129	No function
010 ⇔ 014	Reset dimmer	130 ⇔ 134	LED frequency 600 Hz
015 ⇔ 024	Reserved for future use	135 ⇔ 139	LED frequency 1200 Hz
025 ⇔ 029	S-curve dimmer	140 ⇔ 144	LED frequency 2000 Hz
030 ⇔ 034	Linear dimmer	145 ⇔ 149	LED frequency 4000 Hz
035 ⇔ 039	Square dimmer	150 ⇔ 154	LED frequency 6000 Hz
040 ⇔ 044	Inverse square dimmer	155 ⇔ 159	LED frequency 25000 Hz
045 ⇔ 059	Dimmer mode off	160 ⇔ 164	Cell order 1 > 4
050 ⇔ 054	Dimmer mode 1 (fast)	165 ⇔ 169	Cell order 4 > 1
055 ⇔ 059	Dimmer mode 2	170 ⇔ 174	Do not invert display
060 ⇔ 064	Dimmer mode 3 (slow)	175 ⇔ 179	Invert display
065 ⇔ 069	X-Fade speed off	180 ⇔ 184	Key lock on
070 ⇔ 074	X-Fade speed 1	185 ⇔ 189	Key lock off
075 ⇔ 079	X-Fade speed 2	190 ⇔ 194	Red shift on
080 ⇔ 084	X-Fade speed 3	195 ⇔ 199	Red shift off
085 ⇔ 089	X-Fade speed 4	200 ⇔ 243	Reserved for future use
090 ⇔ 094	White calibration off	244 ⇔ 249	Dimmer mode override
095 ⇔ 099	User custom white calibration	250 ⇔ 255	Reserved for future use
100 ⇔ 104	Factory white calibration		

**Strobe Chart**

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 009	No function	145 ⇔ 149	No function
010 ⇔ 084	Strobe, slow to fast	150 ⇔ 199	Random strobe all, slow to fast
085 ⇔ 094	No function	200 ⇔ 204	No function
095 ⇔ 144	Lightning effect, slow to fast	205 ⇔ 255	Random strobe cells, slow to fast

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### 4 Cell Personalities

XY Ext. 33ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Fine dimmer 1	000 ⇔ 255	0–100%
3	X coordinate 1	000 ⇔ 255	0–100%
4	Fine X coordinate 1	000 ⇔ 255	0–100%
5	Y coordinate 1	000 ⇔ 255	0–100%
6	Fine Y coordinate 1	000 ⇔ 255	0–100%
7	Strobe 1	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
8	Virtual Color Wheel 1	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
9	Dimmer 2	000 ⇔ 255	0–100%
10	Fine dimmer 2	000 ⇔ 255	0–100%
11	X coordinate 2	000 ⇔ 255	0–100%
12	Fine X coordinate 2	000 ⇔ 255	0–100%
13	Y coordinate 2	000 ⇔ 255	0–100%
14	Fine Y coordinate 2	000 ⇔ 255	0–100%
15	Strobe 2	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
16	Virtual Color Wheel 2	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
17	Dimmer 3	000 ⇔ 255	0–100%
18	Fine dimmer 3	000 ⇔ 255	0–100%
19	X coordinate 3	000 ⇔ 255	0–100%
20	Fine X coordinate 3	000 ⇔ 255	0–100%
21	Y coordinate 3	000 ⇔ 255	0–100%
22	Fine Y coordinate 3	000 ⇔ 255	0–100%
23	Strobe 3	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
24	Virtual Color Wheel 3	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
25	Dimmer 4	000 ⇔ 255	0–100%
26	Fine dimmer 4	000 ⇔ 255	0–100%
27	X coordinate 4	000 ⇔ 255	0–100%
28	Fine X coordinate 4	000 ⇔ 255	0–100%
29	Y coordinate 4	000 ⇔ 255	0–100%
30	Fine Y coordinate 4	000 ⇔ 255	0–100%
31	Strobe 4	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
32	Virtual Color Wheel 4	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
33	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

XY 13ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	X coordinate 1	000 ⇔ 255	0–100%
3	Y coordinate 1	000 ⇔ 255	0–100%
4	Dimmer 2	000 ⇔ 255	0–100%
5	X coordinate 2	000 ⇔ 255	0–100%
6	Y coordinate 2	000 ⇔ 255	0–100%
7	Dimmer 3	000 ⇔ 255	0–100%
8	X coordinate 3	000 ⇔ 255	0–100%
9	Y coordinate 3	000 ⇔ 255	0–100%
10	Dimmer 4	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
11	X coordinate 4	000 ⇔ 255	0–100%
12	Y coordinate 4	000 ⇔ 255	0–100%
13	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

RGBWL Full 67ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Fine dimmer 1	000 ⇔ 255	0–100%
3	Red 1	000 ⇔ 255	0–100%
4	Fine red 1	000 ⇔ 255	0–100%
5	Green 1	000 ⇔ 255	0–100%
6	Fine green 1	000 ⇔ 255	0–100%
7	Blue 1	000 ⇔ 255	0–100%
8	Fine blue 1	000 ⇔ 255	0–100%
9	White 1	000 ⇔ 255	0–100%
10	Fine white 1	000 ⇔ 255	0–100%
11	Lime 1	000 ⇔ 255	0–100%
12	Fine lime 1	000 ⇔ 255	0–100%
13	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
14	Fine color temp. 1	000 ⇔ 255	Fine CCT adjust
15	Tint 1	000 ⇔ 255	-25–+25% green Default to 128
16	Blend CCT with RGBWwL mix 1	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
17	Dimmer 2	000 ⇔ 255	0–100%
18	Fine dimmer 2	000 ⇔ 255	0–100%
19	Red 2	000 ⇔ 255	0–100%
20	Fine red 2	000 ⇔ 255	0–100%
21	Green 2	000 ⇔ 255	0–100%
22	Fine green 2	000 ⇔ 255	0–100%
23	Blue 2	000 ⇔ 255	0–100%
24	Fine blue 2	000 ⇔ 255	0–100%
25	White 2	000 ⇔ 255	0–100%
26	Fine white 2	000 ⇔ 255	0–100%
27	Lime 2	000 ⇔ 255	0–100%
28	Fine lime 2	000 ⇔ 255	0–100%
29	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
30	Fine color temp. 2	000 ⇔ 255	Fine CCT adjust
31	Tint 2	000 ⇔ 255	-25–+25% green Default to 128
32	Blend CCT with RGBWwL mix 2	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
33	Dimmer 3	000 ⇔ 255	0–100%
34	Fine dimmer 3	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
35	Red 3	000 ⇔ 255	0–100%
36	Fine red 3	000 ⇔ 255	0–100%
37	Green 3	000 ⇔ 255	0–100%
38	Fine green 3	000 ⇔ 255	0–100%
39	Blue 3	000 ⇔ 255	0–100%
40	Fine blue 3	000 ⇔ 255	0–100%
41	White 3	000 ⇔ 255	0–100%
42	Fine white 3	000 ⇔ 255	0–100%
43	Lime 3	000 ⇔ 255	0–100%
44	Fine lime 3	000 ⇔ 255	0–100%
45	Color temperature 3	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
46	Fine color temp. 3	000 ⇔ 255	Fine CCT adjust
47	Tint 3	000 ⇔ 255	-25–+25% green Default to 128
48	Blend CCT with RGBWwL mix 3	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
49	Dimmer 4	000 ⇔ 255	0–100%
50	Fine dimmer 4	000 ⇔ 255	0–100%
51	Red 4	000 ⇔ 255	0–100%
52	Fine red 4	000 ⇔ 255	0–100%
53	Green 4	000 ⇔ 255	0–100%
54	Fine green 4	000 ⇔ 255	0–100%
55	Blue 4	000 ⇔ 255	0–100%
56	Fine blue 4	000 ⇔ 255	0–100%
57	White 4	000 ⇔ 255	0–100%
58	Fine white 4	000 ⇔ 255	0–100%
59	Lime 4	000 ⇔ 255	0–100%
60	Fine lime 4	000 ⇔ 255	0–100%
61	Color temperature 4	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
62	Fine color temp. 4	000 ⇔ 255	Fine CCT adjust
63	Tint 4	000 ⇔ 255	-25–+25% green Default to 128
64	Blend CCT with RGBWwL mix 4	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
65	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
66	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
67	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

**RGBWL Ext. 39ch**

Channel	Function	Value	Percent/Setting	
1	Dimmer 1	000 ⇄ 255	0–100%	
2	Red 1	000 ⇄ 255	0–100%	
3	Green 1	000 ⇄ 255	0–100%	
4	Blue 1	000 ⇄ 255	0–100%	
5	White 1	000 ⇄ 255	0–100%	
6	Lime 1	000 ⇄ 255	0–100%	
7	Color temperature 1	000 ⇄ 255	See the <a href="#">Color Temperature Chart</a>	
8	Tint 1	000 ⇄ 255	-25–+25% green	Default to 128
9	Blend CCT with RGBWwL mix 1	000 001 ⇄ 126 127 ⇄ 128 129 ⇄ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix	Default to 255
10	Dimmer 2	000 ⇄ 255	0–100%	
11	Red 2	000 ⇄ 255	0–100%	
12	Green 2	000 ⇄ 255	0–100%	
13	Blue 2	000 ⇄ 255	0–100%	
14	White 2	000 ⇄ 255	0–100%	
15	Lime 2	000 ⇄ 255	0–100%	
16	Color temperature 2	000 ⇄ 255	See the <a href="#">Color Temperature Chart</a>	
17	Tint 2	000 ⇄ 255	-25–+25% green	Default to 128
18	Blend CCT with RGBWwL mix 2	000 001 ⇄ 126 127 ⇄ 128 129 ⇄ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix	Default to 255
19	Dimmer 3	000 ⇄ 255	0–100%	
20	Red 3	000 ⇄ 255	0–100%	
21	Green 3	000 ⇄ 255	0–100%	
22	Blue 3	000 ⇄ 255	0–100%	
23	White 3	000 ⇄ 255	0–100%	
24	Lime 3	000 ⇄ 255	0–100%	
25	Color temperature 3	000 ⇄ 255	See the <a href="#">Color Temperature Chart</a>	
26	Tint 3	000 ⇄ 255	-25–+25% green	Default to 128
27	Blend CCT with RGBWwL mix 3	000 001 ⇄ 126 127 ⇄ 128 129 ⇄ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix	Default to 255
28	Dimmer 4	000 ⇄ 255	0–100%	
29	Red 4	000 ⇄ 255	0–100%	
30	Green 4	000 ⇄ 255	0–100%	
31	Blue 4	000 ⇄ 255	0–100%	
32	White 4	000 ⇄ 255	0–100%	
33	Lime 4	000 ⇄ 255	0–100%	
34	Color temperature 4	000 ⇄ 255	See the <a href="#">Color Temperature Chart</a>	
35	Tint 4	000 ⇄ 255	-25–+25% green	Default to 128

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Channel	Function	Value	Percent/Setting
36	Blend CCT with RGBWwL mix 4	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
37	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
38	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
39	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBW Ext. 35ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	White 1	000 ⇔ 255	0–100%
6	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
7	Tint 1	000 ⇔ 255	-25–+25% green
			Default to 128
8	Blend CCT with RGBWwL mix 1	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
9	Dimmer 2	000 ⇔ 255	0–100%
10	Red 2	000 ⇔ 255	0–100%
11	Green 2	000 ⇔ 255	0–100%
12	Blue 2	000 ⇔ 255	0–100%
13	White 2	000 ⇔ 255	0–100%
14	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
15	Tint 2	000 ⇔ 255	-25–+25% green
			Default to 128
16	Blend CCT with RGBWwL mix 2	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
17	Dimmer 3	000 ⇔ 255	0–100%
18	Red 3	000 ⇔ 255	0–100%
19	Green 3	000 ⇔ 255	0–100%
20	Blue 3	000 ⇔ 255	0–100%
21	White 3	000 ⇔ 255	0–100%
22	Color temperature 3	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
23	Tint 3	000 ⇔ 255	-25–+25% green
			Default to 128
24	Blend CCT with RGBWwL mix 3	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
25	Dimmer 4	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
26	Red 4	000 ⇔ 255	0–100%
27	Green 4	000 ⇔ 255	0–100%
28	Blue 4	000 ⇔ 255	0–100%
29	White 4	000 ⇔ 255	0–100%
30	Color temperature 4	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
31	Tint 4	000 ⇔ 255	-25–+25% green Default to 128
32	Blend CCT with RGBWwL mix 4	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
33	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
34	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
35	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

**RGB Ext. 31ch**

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
6	Tint 1	000 ⇔ 255	-25–+25% green Default to 128
7	Blend CCT with RGBWwL mix 1	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
8	Dimmer 2	000 ⇔ 255	0–100%
9	Red 2	000 ⇔ 255	0–100%
10	Green 2	000 ⇔ 255	0–100%
11	Blue 2	000 ⇔ 255	0–100%
12	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
13	Tint 2	000 ⇔ 255	-25–+25% green Default to 128
14	Blend CCT with RGBWwL mix 2	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
15	Dimmer 3	000 ⇔ 255	0–100%
16	Red 3	000 ⇔ 255	0–100%
17	Green 3	000 ⇔ 255	0–100%
18	Blue 3	000 ⇔ 255	0–100%
19	Color temperature 3	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
20	Tint 3	000 ⇔ 255	-25–+25% green Default to 128



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Channel	Function	Value	Percent/Setting
21	Blend CCT with RGBWwL mix 3	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
22	Dimmer 4	000 ⇔ 255	0–100%
23	Red 4	000 ⇔ 255	0–100%
24	Green 4	000 ⇔ 255	0–100%
25	Blue 4	000 ⇔ 255	0–100%
26	Color temperature 4	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
27	Tint 4	000 ⇔ 255	-25–+25% green
			Default to 128
28	Blend CCT with RGBWwL mix 4	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
29	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
20	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
31	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBWL 16-bit 40ch

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Fine red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Fine green 1	000 ⇔ 255	0–100%
5	Blue 1	000 ⇔ 255	0–100%
6	Fine blue 1	000 ⇔ 255	0–100%
7	White 1	000 ⇔ 255	0–100%
8	Fine white 1	000 ⇔ 255	0–100%
9	Lime 1	000 ⇔ 255	0–100%
10	Fine lime 1	000 ⇔ 255	0–100%
11	Red 2	000 ⇔ 255	0–100%
12	Fine red 2	000 ⇔ 255	0–100%
13	Green 2	000 ⇔ 255	0–100%
14	Fine green 2	000 ⇔ 255	0–100%
15	Blue 2	000 ⇔ 255	0–100%
16	Fine blue 2	000 ⇔ 255	0–100%
17	White 2	000 ⇔ 255	0–100%
18	Fine white 2	000 ⇔ 255	0–100%
19	Lime 2	000 ⇔ 255	0–100%
20	Fine lime 2	000 ⇔ 255	0–100%
21	Red 3	000 ⇔ 255	0–100%
22	Fine red 3	000 ⇔ 255	0–100%
23	Green 3	000 ⇔ 255	0–100%
24	Fine green 3	000 ⇔ 255	0–100%
25	Blue 3	000 ⇔ 255	0–100%
26	Fine blue 3	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
27	White 3	000 ⇄ 255	0–100%
28	Fine white 3	000 ⇄ 255	0–100%
29	Lime 3	000 ⇄ 255	0–100%
30	Fine lime 3	000 ⇄ 255	0–100%
31	Red 4	000 ⇄ 255	0–100%
32	Fine red 4	000 ⇄ 255	0–100%
33	Green 4	000 ⇄ 255	0–100%
34	Fine green 4	000 ⇄ 255	0–100%
35	Blue 4	000 ⇄ 255	0–100%
36	Fine blue 4	000 ⇄ 255	0–100%
37	White 4	000 ⇄ 255	0–100%
38	Fine white 4	000 ⇄ 255	0–100%
39	Lime 4	000 ⇄ 255	0–100%
40	Fine lime 4	000 ⇄ 255	0–100%

**RGBWL 20ch**

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	White 1	000 ⇄ 255	0–100%
5	Lime 1	000 ⇄ 255	0–100%
6	Red 2	000 ⇄ 255	0–100%
7	Green 2	000 ⇄ 255	0–100%
8	Blue 2	000 ⇄ 255	0–100%
9	White 2	000 ⇄ 255	0–100%
10	Lime 2	000 ⇄ 255	0–100%
11	Red 3	000 ⇄ 255	0–100%
12	Green 3	000 ⇄ 255	0–100%
13	Blue 3	000 ⇄ 255	0–100%
14	White 3	000 ⇄ 255	0–100%
15	Lime 3	000 ⇄ 255	0–100%
16	Red 4	000 ⇄ 255	0–100%
17	Green 4	000 ⇄ 255	0–100%
18	Blue 4	000 ⇄ 255	0–100%
19	White 4	000 ⇄ 255	0–100%
20	Lime 4	000 ⇄ 255	0–100%

**RGBW 16ch**

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	White 1	000 ⇄ 255	0–100%
5	Red 2	000 ⇄ 255	0–100%
6	Green 2	000 ⇄ 255	0–100%
7	Blue 2	000 ⇄ 255	0–100%
8	White 2	000 ⇄ 255	0–100%

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Channel	Function	Value	Percent/Setting
9	Red 3	000 ⇔ 255	0–100%
10	Green 3	000 ⇔ 255	0–100%
11	Blue 3	000 ⇔ 255	0–100%
12	White 3	000 ⇔ 255	0–100%
13	Red 4	000 ⇔ 255	0–100%
14	Green 4	000 ⇔ 255	0–100%
15	Blue 4	000 ⇔ 255	0–100%
16	White 4	000 ⇔ 255	0–100%

### RGB 12ch

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Green 1	000 ⇔ 255	0–100%
3	Blue 1	000 ⇔ 255	0–100%
4	Red 2	000 ⇔ 255	0–100%
5	Green 2	000 ⇔ 255	0–100%
6	Blue 2	000 ⇔ 255	0–100%
7	Red 3	000 ⇔ 255	0–100%
8	Green 3	000 ⇔ 255	0–100%
9	Blue 3	000 ⇔ 255	0–100%
10	Red 4	000 ⇔ 255	0–100%
11	Green 4	000 ⇔ 255	0–100%
12	Blue 4	000 ⇔ 255	0–100%

### HSV 13ch

Channel	Function	Value	Percent/Setting
1	Hue 1	000 ⇔ 255	0–100%
2	Saturation 1	000 ⇔ 255	0–100%
3	Value 1	000 ⇔ 255	0–100%
4	Hue 2	000 ⇔ 255	0–100%
5	Saturation 2	000 ⇔ 255	0–100%
6	Value 2	000 ⇔ 255	0–100%
7	Hue 3	000 ⇔ 255	0–100%
8	Saturation 3	000 ⇔ 255	0–100%
9	Value 3	000 ⇔ 255	0–100%
10	Hue 4	000 ⇔ 255	0–100%
11	Saturation 4	000 ⇔ 255	0–100%
12	Value 4	000 ⇔ 255	0–100%
13	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### CCT 13ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
3	Tint 1	000 ⇔ 255	-25–+25% green   Default to 128
4	Dimmer 2	000 ⇔ 255	0–100%
5	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
6	Tint 2	000 ⇔ 255	-25–+25% green   Default to 128

Channel	Function	Value	Percent/Setting
7	Dimmer 3	000 ⇔ 255	0–100%
8	Color temperature 3	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
9	Tint 3	000 ⇔ 255	-25–+25% green   Default to 128
10	Dimmer 4	000 ⇔ 255	0–100%
11	Color temperature 4	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
12	Tint 4	000 ⇔ 255	-25–+25% green   Default to 128
13	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

## 2 Cell Personalities

### XY Ext. 17ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Fine dimmer 1	000 ⇔ 255	0–100%
3	X coordinate 1	000 ⇔ 255	0–100%
4	Fine X coordinate 1	000 ⇔ 255	0–100%
5	Y coordinate 1	000 ⇔ 255	0–100%
6	Fine Y coordinate 1	000 ⇔ 255	0–100%
7	Strobe 1	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
8	Virtual Color Wheel 1	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
9	Dimmer 2	000 ⇔ 255	0–100%
10	Fine dimmer 2	000 ⇔ 255	0–100%
11	X coordinate 2	000 ⇔ 255	0–100%
12	Fine X coordinate 2	000 ⇔ 255	0–100%
13	Y coordinate 2	000 ⇔ 255	0–100%
14	Fine Y coordinate 2	000 ⇔ 255	0–100%
15	Strobe 2	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
17	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### XY 7ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	X coordinate 1	000 ⇔ 255	0–100%
3	Y coordinate 1	000 ⇔ 255	0–100%
4	Dimmer 2	000 ⇔ 255	0–100%
5	X coordinate 2	000 ⇔ 255	0–100%
6	Y coordinate 2	000 ⇔ 255	0–100%
7	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBWL Full 35ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Fine dimmer 1	000 ⇔ 255	0–100%
3	Red 1	000 ⇔ 255	0–100%
4	Fine red 1	000 ⇔ 255	0–100%
5	Green 1	000 ⇔ 255	0–100%
6	Fine green 1	000 ⇔ 255	0–100%
7	Blue 1	000 ⇔ 255	0–100%
8	Fine blue 1	000 ⇔ 255	0–100%

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Channel	Function	Value	Percent/Setting
9	White 1	000 ⇔ 255	0–100%
10	Fine white 1	000 ⇔ 255	0–100%
11	Lime 1	000 ⇔ 255	0–100%
12	Fine lime 1	000 ⇔ 255	0–100%
13	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
14	Fine color temp. 1	000 ⇔ 255	Fine CCT adjust
15	Tint 1	000 ⇔ 255	-25–+25% green Default to 128
16	Blend CCT with RGBWwL mix 1	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
17	Dimmer 2	000 ⇔ 255	0–100%
18	Fine dimmer 2	000 ⇔ 255	0–100%
19	Red 2	000 ⇔ 255	0–100%
20	Fine red 2	000 ⇔ 255	0–100%
21	Green 2	000 ⇔ 255	0–100%
22	Fine green 2	000 ⇔ 255	0–100%
23	Blue 2	000 ⇔ 255	0–100%
24	Fine blue 2	000 ⇔ 255	0–100%
25	White 2	000 ⇔ 255	0–100%
26	Fine white 2	000 ⇔ 255	0–100%
27	Lime 2	000 ⇔ 255	0–100%
28	Fine lime 2	000 ⇔ 255	0–100%
29	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
30	Fine color temp. 2	000 ⇔ 255	Fine CCT adjust
31	Tint 2	000 ⇔ 255	-25–+25% green Default to 128
32	Blend CCT with RGBWwL mix 2	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
33	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
34	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
35	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBWL Ext. 21ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	White 1	000 ⇔ 255	0–100%
6	Lime 1	000 ⇔ 255	0–100%
7	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
8	Tint 1	000 ⇔ 255	-25–+25% green Default to 128

Channel	Function	Value	Percent/Setting	
9	Blend CCT with RGBWwL mix 1	000	100% color temperature control	Default to 255
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL	
		127 ⇔ 128	50% CCT, 50% RGBWwL mix	
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL	
		255	100% RGBWwL mix	
10	Dimmer 2	000 ⇔ 255	0–100%	
11	Red 2	000 ⇔ 255	0–100%	
12	Green 2	000 ⇔ 255	0–100%	
13	Blue 2	000 ⇔ 255	0–100%	
14	White 2	000 ⇔ 255	0–100%	
15	Lime 2	000 ⇔ 255	0–100%	
16	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>	
17	Tint 2	000 ⇔ 255	-25–+25% green	Default to 128
18	Blend CCT with RGBWwL mix 2	000	100% color temperature control	Default to 255
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL	
		127 ⇔ 128	50% CCT, 50% RGBWwL mix	
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL	
		255	100% RGBWwL mix	
19	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>	
20	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>	
21	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>	

**RGBW Ext. 19ch**

Channel	Function	Value	Percent/Setting	
1	Dimmer 1	000 ⇔ 255	0–100%	
2	Red 1	000 ⇔ 255	0–100%	
3	Green 1	000 ⇔ 255	0–100%	
4	Blue 1	000 ⇔ 255	0–100%	
5	White 1	000 ⇔ 255	0–100%	
6	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>	
7	Tint 1	000 ⇔ 255	-25–+25% green	Default to 128
8	Blend CCT with RGBWwL mix 1	000	100% color temperature control	Default to 255
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL	
		127 ⇔ 128	50% CCT, 50% RGBWwL mix	
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL	
		255	100% RGBWwL mix	
9	Dimmer 2	000 ⇔ 255	0–100%	
10	Red 2	000 ⇔ 255	0–100%	
11	Green 2	000 ⇔ 255	0–100%	
12	Blue 2	000 ⇔ 255	0–100%	
13	White 2	000 ⇔ 255	0–100%	
14	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>	
15	Tint 2	000 ⇔ 255	-25–+25% green	Default to 128
16	Blend CCT with RGBWwL mix 2	000	100% color temperature control	Default to 255
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL	
		127 ⇔ 128	50% CCT, 50% RGBWwL mix	
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL	
		255	100% RGBWwL mix	
17	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>	
18	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>	

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Channel	Function	Value	Percent/Setting
19	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGB Ext. 17ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Blue 1	000 ⇔ 255	0–100%
5	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
6	Tint 1	000 ⇔ 255	-25–+25% green Default to 128
7	Blend CCT with RGBWwL mix 1	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
8	Dimmer 2	000 ⇔ 255	0–100%
9	Red 2	000 ⇔ 255	0–100%
10	Green 2	000 ⇔ 255	0–100%
11	Blue 2	000 ⇔ 255	0–100%
12	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
13	Tint 2	000 ⇔ 255	-25–+25% green Default to 128
14	Blend CCT with RGBWwL mix 2	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
15	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
16	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
17	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBWL 16-bit 20ch

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇔ 255	0–100%
2	Fine red 1	000 ⇔ 255	0–100%
3	Green 1	000 ⇔ 255	0–100%
4	Fine green 1	000 ⇔ 255	0–100%
5	Blue 1	000 ⇔ 255	0–100%
6	Fine blue 1	000 ⇔ 255	0–100%
7	White 1	000 ⇔ 255	0–100%
8	Fine white 1	000 ⇔ 255	0–100%
9	Lime 1	000 ⇔ 255	0–100%
10	Fine lime 1	000 ⇔ 255	0–100%
11	Red 2	000 ⇔ 255	0–100%
12	Fine red 2	000 ⇔ 255	0–100%
13	Green 2	000 ⇔ 255	0–100%
14	Fine green 2	000 ⇔ 255	0–100%
15	Blue 2	000 ⇔ 255	0–100%
16	Fine blue 2	000 ⇔ 255	0–100%
17	White 2	000 ⇔ 255	0–100%
18	Fine white 2	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
19	Lime 2	000 ⇄ 255	0–100%
20	Fine lime 2	000 ⇄ 255	0–100%

**RGBWL 10ch**

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	White 1	000 ⇄ 255	0–100%
5	Lime 1	000 ⇄ 255	0–100%
6	Red 2	000 ⇄ 255	0–100%
7	Green 2	000 ⇄ 255	0–100%
8	Blue 2	000 ⇄ 255	0–100%
9	White 2	000 ⇄ 255	0–100%
10	Lime 2	000 ⇄ 255	0–100%

**RGBW 8ch**

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	White 1	000 ⇄ 255	0–100%
5	Red 2	000 ⇄ 255	0–100%
6	Green 2	000 ⇄ 255	0–100%
7	Blue 2	000 ⇄ 255	0–100%
8	White 2	000 ⇄ 255	0–100%

**RGB 6ch**

Channel	Function	Value	Percent/Setting
1	Red 1	000 ⇄ 255	0–100%
2	Green 1	000 ⇄ 255	0–100%
3	Blue 1	000 ⇄ 255	0–100%
4	Red 2	000 ⇄ 255	0–100%
5	Green 2	000 ⇄ 255	0–100%
6	Blue 2	000 ⇄ 255	0–100%

**HSV 7ch**

Channel	Function	Value	Percent/Setting
1	Hue 1	000 ⇄ 255	0–100%
2	Saturation 1	000 ⇄ 255	0–100%
3	Value 1	000 ⇄ 255	0–100%
4	Hue 2	000 ⇄ 255	0–100%
5	Saturation 2	000 ⇄ 255	0–100%
6	Value 2	000 ⇄ 255	0–100%
7	Control	000 ⇄ 255	See the <a href="#">Control Chart</a>



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### CCT 7ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Color temperature 1	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
3	Tint 1	000 ⇔ 255	-25–+25% green   Default to 128
4	Dimmer 2	000 ⇔ 255	0–100%
5	Color temperature 2	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
6	Tint 2	000 ⇔ 255	-25–+25% green   Default to 128
7	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### 1 Cell Personalities

#### XY Ext. 9ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	X coordinate	000 ⇔ 255	0–100%
4	Fine X coordinate	000 ⇔ 255	0–100%
5	Y coordinate	000 ⇔ 255	0–100%
6	Fine Y coordinate	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
8	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
9	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

#### XY 4ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	X coordinate	000 ⇔ 255	0–100%
3	Y coordinate	000 ⇔ 255	0–100%
4	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBWL Full 19ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Fine red	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Fine green	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Fine blue	000 ⇔ 255	0–100%
9	White	000 ⇔ 255	0–100%
10	Fine white	000 ⇔ 255	0–100%
11	Lime	000 ⇔ 255	0–100%
12	Fine lime	000 ⇔ 255	0–100%
13	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
14	Fine color temp.	000 ⇔ 255	Fine CCT adjust
15	Tint	000 ⇔ 255	-25–+25% green   Default to 128

Channel	Function	Value	Percent/Setting
16	Blend CCT with RGBWwL mix	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
17	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
18	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
19	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

**RGBWL Ext. 12ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	Lime	000 ⇔ 255	0–100%
7	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
8	Tint	000 ⇔ 255	-25–+25% green
			Default to 128
9	Blend CCT with RGBWwL mix	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
10	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
11	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
12	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

**RGBW Ext. 11ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	White	000 ⇔ 255	0–100%
6	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
7	Tint	000 ⇔ 255	-25–+25% green
			Default to 128
8	Blend CCT with RGBWwL mix	000	100% color temperature control
		001 ⇔ 126	99–51% CCT, 1–49% RGBWwL
		127 ⇔ 128	50% CCT, 50% RGBWwL mix
		129 ⇔ 254	49–1% CCT, 51–99% RGBWwL
		255	100% RGBWwL mix
			Default to 255
9	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
10	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
11	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

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COLORado Solo Bar 1  
V1.1.3



### RGB Ext. 10ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Blue	000 ⇔ 255	0–100%
5	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
6	Tint	000 ⇔ 255	-25–+25% green Default to 128
7	Blend CCT with RGBWwL mix	000 001 ⇔ 126 127 ⇔ 128 129 ⇔ 254 255	100% color temperature control 99–51% CCT, 1–49% RGBWwL 50% CCT, 50% RGBWwL mix 49–1% CCT, 51–99% RGBWwL 100% RGBWwL mix Default to 255
8	Strobe	000 ⇔ 255	See the <a href="#">Strobe Chart</a>
9	Virtual Color Wheel	000 ⇔ 255	See the <a href="#">Virtual Color Wheel Chart</a>
10	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

### RGBWL 16-bit 10ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Fine red	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Fine green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Fine blue	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%
8	Fine white	000 ⇔ 255	0–100%
9	Lime	000 ⇔ 255	0–100%
10	Fine lime	000 ⇔ 255	0–100%

### RGBWL 5ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Green	000 ⇔ 255	0–100%
3	Blue	000 ⇔ 255	0–100%
4	White	000 ⇔ 255	0–100%
5	Lime	000 ⇔ 255	0–100%

### RGBW 4ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Green	000 ⇔ 255	0–100%
3	Blue	000 ⇔ 255	0–100%
4	White	000 ⇔ 255	0–100%

**RGB 3ch**

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Green	000 ⇔ 255	0–100%
3	Blue	000 ⇔ 255	0–100%

**HSV 4ch**

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇔ 255	0–100%
2	Saturation	000 ⇔ 255	0–100%
3	Value	000 ⇔ 255	0–100%
4	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>

**CCT 4ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Color temperature	000 ⇔ 255	See the <a href="#">Color Temperature Chart</a>
3	Tint	000 ⇔ 255	-25–+25% green   Default to 128
4	Control	000 ⇔ 255	See the <a href="#">Control Chart</a>