

DMX Channel Assignments and Values

Color Temperature Chart

Value	Percent/Setting	Actual Temperature	Red	Green	Blue	White
000 ⇔ 005	No function	—	—	—	—	—
006 ⇔ 025	2800K	2814K	048	025	004	255
026 ⇔ 050	3200K	3204K	038	043	011	255
051 ⇔ 075	3500K	3513K	038	056	022	255
076 ⇔ 100	4000K	4014K	038	079	035	255
101 ⇔ 125	4500K	4534K	030	87	048	255
126 ⇔ 150	5000K	5013K	027	104	056	255
151 ⇔ 175	5600K	5604K	012	110	062	255
176 ⇔ 200	6000K	6023K	009	117	069	255
201 ⇔ 225	6500K	6519K	009	120	079	255
226 ⇔ 255	No function	—	—	—	—	—

Control Chart

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 010	No function	090 ⇔ 094	Dimmer speed mode off (immediate)
011 ⇔ 029	Reserved for future use	095 ⇔ 099	Dimmer speed mode 1 (fastest)
030 ⇔ 034	1000 Hz Pulse Width Modulation*	100 ⇔ 104	Dimmer speed mode 2 (medium)
035 ⇔ 039	2000 Hz Pulse Width Modulation*	105 ⇔ 109	Dimmer speed mode 3 (slowest)
040 ⇔ 044	3000 Hz Pulse Width Modulation*	110 ⇔ 149	Reserved for future use
045 ⇔ 049	4000 Hz Pulse Width Modulation*	150 ⇔ 154	Run time mode off
050 ⇔ 054	6000 Hz Pulse Width Modulation*	155 ⇔ 159	5 hour run time mode
055 ⇔ 059	25 KHz Pulse Width Modulation*	160 ⇔ 164	8 hour run time mode
060 ⇔ 069	Reserved for future use	165 ⇔ 169	12 hour run time mode
070 ⇔ 074	S-Curve dimmer curve*	170 ⇔ 174	18 hour run time mode
075 ⇔ 079	Linear dimmer curve*	175 ⇔ 249	Reserved for future use
080 ⇔ 084	Square dimmer curve*	250 ⇔ 255	No function
085 ⇔ 089	Inverse square dimmer curve*		*Hold for 5 seconds

Automatic Program Chart

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 010	No function	123 ⇔ 130	Automatic program 15
011 ⇔ 018	Automatic program 1	131 ⇔ 138	Automatic program 16
019 ⇔ 026	Automatic program 2	139 ⇔ 146	Automatic program 17
027 ⇔ 034	Automatic program 3	147 ⇔ 154	Automatic program 18
035 ⇔ 042	Automatic program 4	155 ⇔ 162	Automatic program 19
043 ⇔ 050	Automatic program 5	163 ⇔ 170	Automatic program 20
051 ⇔ 058	Automatic program 6	171 ⇔ 178	Automatic program 21
059 ⇔ 066	Automatic program 7	179 ⇔ 186	Automatic program 22
067 ⇔ 074	Automatic program 8	187 ⇔ 194	Automatic program 23
075 ⇔ 082	Automatic program 9	195 ⇔ 202	Automatic program 24
083 ⇔ 090	Automatic program 10	203 ⇔ 210	Automatic program 25
091 ⇔ 098	Automatic program 11	211 ⇔ 218	Automatic program 26
099 ⇔ 106	Automatic program 12	219 ⇔ 226	Automatic program 27
107 ⇔ 114	Automatic program 13	227 ⇔ 255	Automatic program 28 (auto 1-27)
115 ⇔ 122	Automatic program 14		

DMX CHART

WELL Batten 14 X4
V1.0.3



85 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer 1	000 ⇔ 255	0–100%
2	Strobe 1	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
3	Red 1	000 ⇔ 255	0–100%
4	Green 1	000 ⇔ 255	0–100%
5	Blue 1	000 ⇔ 255	0–100%
6	White 1	000 ⇔ 255	0–100%
7	Dimmer 2	000 ⇔ 255	0–100%
8	Strobe 2	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
9	Red 2	000 ⇔ 255	0–100%
10	Green 2	000 ⇔ 255	0–100%
11	Blue 2	000 ⇔ 255	0–100%
12	White 2	000 ⇔ 255	0–100%
13	Dimmer 3	000 ⇔ 255	0–100%
14	Strobe 3	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
15	Red 3	000 ⇔ 255	0–100%
16	Green 3	000 ⇔ 255	0–100%
17	Blue 3	000 ⇔ 255	0–100%
18	White 3	000 ⇔ 255	0–100%
19	Dimmer 4	000 ⇔ 255	0–100%
20	Strobe 4	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
21	Red 4	000 ⇔ 255	0–100%
22	Green 4	000 ⇔ 255	0–100%
23	Blue 4	000 ⇔ 255	0–100%
24	White 4	000 ⇔ 255	0–100%
25	Dimmer 4	000 ⇔ 255	0–100%
26	Strobe 5	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
27	Red 5	000 ⇔ 255	0–100%
28	Green 5	000 ⇔ 255	0–100%
29	Blue 5	000 ⇔ 255	0–100%
30	White 5	000 ⇔ 255	0–100%
31	Dimmer 6	000 ⇔ 255	0–100%
32	Strobe 6	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
33	Red 6	000 ⇔ 255	0–100%
34	Green 6	000 ⇔ 255	0–100%
35	Blue 6	000 ⇔ 255	0–100%
36	White 6	000 ⇔ 255	0–100%
37	Dimmer 7	000 ⇔ 255	0–100%
38	Strobe 7	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
39	Red 7	000 ⇔ 255	0–100%
40	Green 7	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
41	Blue 7	000 ⇔ 255	0–100%
42	White 7	000 ⇔ 255	0–100%
43	Dimmer 8	000 ⇔ 255	0–100%
44	Strobe 8	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
45	Red 8	000 ⇔ 255	0–100%
46	Green 8	000 ⇔ 255	0–100%
47	Blue 8	000 ⇔ 255	0–100%
48	White 8	000 ⇔ 255	0–100%
49	Dimmer 9	000 ⇔ 255	0–100%
50	Strobe 9	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
51	Red 9	000 ⇔ 255	0–100%
52	Green 9	000 ⇔ 255	0–100%
53	Blue 9	000 ⇔ 255	0–100%
54	White 9	000 ⇔ 255	0–100%
55	Dimmer 10	000 ⇔ 255	0–100%
56	Strobe 10	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
57	Red 10	000 ⇔ 255	0–100%
58	Green 10	000 ⇔ 255	0–100%
59	Blue 10	000 ⇔ 255	0–100%
60	White 10	000 ⇔ 255	0–100%
61	Dimmer 11	000 ⇔ 255	0–100%
62	Strobe 11	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
63	Red 11	000 ⇔ 255	0–100%
64	Green 11	000 ⇔ 255	0–100%
65	Blue 11	000 ⇔ 255	0–100%
66	White 11	000 ⇔ 255	0–100%
67	Dimmer 12	000 ⇔ 255	0–100%
68	Strobe 12	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
67	Red 12	000 ⇔ 255	0–100%
70	Green 12	000 ⇔ 255	0–100%
71	Blue 12	000 ⇔ 255	0–100%
72	White 12	000 ⇔ 255	0–100%
73	Dimmer 13	000 ⇔ 255	0–100%
74	Strobe 13	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
75	Red 13	000 ⇔ 255	0–100%
76	Green 13	000 ⇔ 255	0–100%
77	Blue 13	000 ⇔ 255	0–100%
78	White 13	000 ⇔ 255	0–100%
79	Dimmer 14	000 ⇔ 255	0–100%
80	Strobe 14	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
81	Red 14	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
82	Green 14	000 ⇔ 255	0–100%
83	Blue 14	000 ⇔ 255	0–100%
84	White 14	000 ⇔ 255	0–100%
85	Control	000 ⇔ 255	See the Control Chart

66 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Strobe	000 ⇄ 010 011 ⇄ 255	No function Strobe, slow to fast
3	Red 1	000 ⇄ 255	0–100%
4	Green 1	000 ⇄ 255	0–100%
5	Blue 1	000 ⇄ 255	0–100%
6	White 1	000 ⇄ 255	0–100%
7	Red 2	000 ⇄ 255	0–100%
8	Green 2	000 ⇄ 255	0–100%
9	Blue 2	000 ⇄ 255	0–100%
10	White 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	Red 4	000 ⇄ 255	0–100%
16	Green 4	000 ⇄ 255	0–100%
17	Blue 4	000 ⇄ 255	0–100%
18	White 4	000 ⇄ 255	0–100%
19	Red 5	000 ⇄ 255	0–100%
20	Green 5	000 ⇄ 255	0–100%
21	Blue 5	000 ⇄ 255	0–100%
22	White 5	000 ⇄ 255	0–100%
23	Red 6	000 ⇄ 255	0–100%
24	Green 6	000 ⇄ 255	0–100%
25	Blue 6	000 ⇄ 255	0–100%
26	White 6	000 ⇄ 255	0–100%
27	Red 7	000 ⇄ 255	0–100%
28	Green 7	000 ⇄ 255	0–100%
29	Blue 7	000 ⇄ 255	0–100%
30	White 7	000 ⇄ 255	0–100%
31	Red 8	000 ⇄ 255	0–100%
32	Green 8	000 ⇄ 255	0–100%
33	Blue 8	000 ⇄ 255	0–100%
34	White 8	000 ⇄ 255	0–100%
35	Red 9	000 ⇄ 255	0–100%
36	Green 9	000 ⇄ 255	0–100%
37	Blue 9	000 ⇄ 255	0–100%
38	White 9	000 ⇄ 255	0–100%
39	Red 10	000 ⇄ 255	0–100%
40	Green 10	000 ⇄ 255	0–100%
41	Blue 10	000 ⇄ 255	0–100%
42	White 10	000 ⇄ 255	0–100%
43	Red 11	000 ⇄ 255	0–100%
44	Green 11	000 ⇄ 255	0–100%
45	Blue 11	000 ⇄ 255	0–100%
46	White 11	000 ⇄ 255	0–100%

DMX CHART

WELL Batten 14 X4
V1.0.3



Channel	Function	Value	Percent/Setting
47	Red 12	000 ⇔ 255	0–100%
48	Green 12	000 ⇔ 255	0–100%
49	Blue 12	000 ⇔ 255	0–100%
50	White 12	000 ⇔ 255	0–100%
51	Red 13	000 ⇔ 255	0–100%
52	Green 13	000 ⇔ 255	0–100%
53	Blue 13	000 ⇔ 255	0–100%
54	White 13	000 ⇔ 255	0–100%
55	Red 14	000 ⇔ 255	0–100%
56	Green 14	000 ⇔ 255	0–100%
57	Blue 14	000 ⇔ 255	0–100%
58	White 14	000 ⇔ 255	0–100%
59	Color Temperature	000 ⇔ 255	See the DMX Channel Assignments and Values
60	Automatic programs	000 ⇔ 255	See the Automatic Program Chart
61	Automatic program speed	000 ⇔ 255	Program speed, slow to fast
62	Foreground color dimmer	000 ⇔ 255	0–100%
63	Foreground color	000 ⇔ 013 Red 014 ⇔ 027 Green 028 ⇔ 041 Blue 042 ⇔ 055 White 056 ⇔ 069 Green+blue 070 ⇔ 083 Red+blue 084 ⇔ 097 Red+green 098 ⇔ 111 Red+green+blue 112 ⇔ 125 Red+white 126 ⇔ 139 Green+white 140 ⇔ 153 Blue+white 154 ⇔ 167 Red+green+white 168 ⇔ 181 Red+blue+white 182 ⇔ 195 Green+blue+white 196 ⇔ 209 Red+green+blue+white 210 ⇔ 223 2800K 224 ⇔ 237 7000K 238 ⇔ 255 Auto	
64	Background color dimmer	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
65	Background color	000 ⇔ 013	Red
		014 ⇔ 027	Green
		028 ⇔ 041	Blue
		042 ⇔ 055	White
		056 ⇔ 069	Green+blue
		070 ⇔ 083	Red+blue
		084 ⇔ 097	Red+green
		098 ⇔ 111	Red+green+blue
		112 ⇔ 125	Red+white
		126 ⇔ 139	Green+white
		140 ⇔ 153	Blue+white
		154 ⇔ 167	Red+green+white
		168 ⇔ 181	Red+blue+white
		182 ⇔ 195	Green+blue+white
		196 ⇔ 209	Red+green+blue+white
		210 ⇔ 223	2800K
		224 ⇔ 237	7000K
		238 ⇔ 255	Auto
66	Control	000 ⇔ 255	See the Control Chart

DMX CHART

WELL Batten 14 X4
V1.0.3



15 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
4	Red	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Blue	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%
8	Color temperature	000 ⇔ 255	See the DMX Channel Assignments and Values
9	Automatic programs	000 ⇔ 255	See the Automatic Program Chart
10	Automatic program speed	000 ⇔ 255	Program speed, slow to fast
11	Foreground color dimmer	000 ⇔ 255	0–100%
12	Foreground color	000 ⇔ 013 Red 014 ⇔ 027 Green 028 ⇔ 041 Blue 042 ⇔ 055 White 056 ⇔ 069 Green+blue 070 ⇔ 083 Red+blue 084 ⇔ 097 Red+green 098 ⇔ 111 Red+green+blue 112 ⇔ 125 Red+white 126 ⇔ 139 Green+white 140 ⇔ 153 Blue+white 154 ⇔ 167 Red+green+white 168 ⇔ 181 Red+blue+white 182 ⇔ 195 Green+blue+white 196 ⇔ 209 Red+green+blue+white 210 ⇔ 223 2800K 224 ⇔ 237 7000K 238 ⇔ 255 Auto	
13	Background color dimmer	000 ⇔ 255	0–100%

Channel	Function	Value	Percent/Setting
14	Background color	000 ⇄ 013	Red
		014 ⇄ 027	Green
		028 ⇄ 041	Blue
		042 ⇄ 055	White
		056 ⇄ 069	Green+blue
		070 ⇄ 083	Red+blue
		084 ⇄ 097	Red+green
		098 ⇄ 111	Red+green+blue
		112 ⇄ 125	Red+white
		126 ⇄ 139	Green+white
		140 ⇄ 153	Blue+white
		154 ⇄ 167	Red+green+white
		168 ⇄ 181	Red+blue+white
		182 ⇄ 195	Green+blue+white
		196 ⇄ 209	Red+green+blue+white
		210 ⇄ 223	2800K
		224 ⇄ 237	7000K
		238 ⇄ 255	Auto
15	Control	000 ⇄ 255	See the Control Chart

DMX CHART



WELL Batten 14 X4
V1.0.3

8 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Fine dimmer	000 ⇔ 255	0–100%
3	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
4	Red	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Blue	000 ⇔ 255	0–100%
7	White	000 ⇔ 255	0–100%
8	Control	000 ⇔ 255	See the Control Chart

5 Ch

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	Control	000 ⇔ 255	See the Control Chart