

## Virtual Color Wheel Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇔ 005	--	000	000	000	000	000
006 ⇔ 013	<b>C3050 - Md Yellow</b>	233	163	020	123	255
014 ⇔ 021	<b>C3040 - Lt Yellow</b>	224	158	047	255	231
022 ⇔ 028	<b>C3240 - Amb Yellow</b>	180	060	000	245	255
029 ⇔ 035	<b>C2340 - VLt Amber</b>	245	107	081	255	213
036 ⇔ 043	<b>C2040 - Lt Amber</b>	230	130	062	255	155
044 ⇔ 051	<b>C2050 - Md Amber</b>	255	000	025	255	194
052 ⇔ 059	<b>C2060 - Dk Amber</b>	255	000	024	255	150
060 ⇔ 067	<b>C1050 - Lt Red</b>	255	037	027	030	038
068 ⇔ 075	<b>C1080 - Md Red</b>	255	004	017	000	000
076 ⇔ 083	<b>C1020 - NC Pink</b>	238	135	129	255	255
084 ⇔ 091	<b>C1030 - Md Pink</b>	255	131	120	255	195
092 ⇔ 099	<b>C1630 - Dk Pink</b>	255	165	123	255	210
100 ⇔ 107	<b>C1250 - Md Red Amber</b>	255	000	041	195	055
108 ⇔ 115	<b>C1060 - Dk Red Amber</b>	255	000	045	120	030
116 ⇔ 121	<b>C1650 - Magenta</b>	255	050	115	255	115
122 ⇔ 130	<b>C6170 - Dk Magenta</b>	255	035	117	000	000
131 ⇔ 138	<b>C6020 - Lt Lavender</b>	127	122	142	251	255
139 ⇔ 146	<b>C5030 - Lt Blue</b>	000	255	197	100	255
147 ⇔ 154	<b>C5020 - VLt Blue</b>	158	255	189	000	255
155 ⇔ 162	<b>C5430 - Lt Blue 2</b>	000	255	180	000	243
163 ⇔ 170	<b>C5070 - Blue</b>	043	255	210	043	036
171 ⇔ 178	<b>C5050 - Md Blue</b>	000	255	218	000	181
179 ⇔ 186	<b>C5060 - Dk Blue</b>	000	210	206	000	118
187 ⇔ 194	<b>C5690 - Indigo</b>	065	000	210	040	055
195 ⇔ 202	<b>C5080 - VDk Blue</b>	000	203	230	000	040
203 ⇔ 210	<b>C5081 - VDk Blue2</b>	040	199	240	000	045
211 ⇔ 218	<b>C4370 - Yel Green</b>	027	255	028	016	104
219 ⇔ 226	<b>C4070 - Green</b>	049	255	055	120	090
227 ⇔ 234	<b>C4550 - Turquoise</b>	060	230	109	000	245
235 ⇔ 242	<b>C4560 - Aqua</b>	020	240	126	036	255
243 ⇔ 250	<b>C4570 - Blue Green</b>	000	255	079	030	053
251 ⇔ 255	--	000	000	000	000	000



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

## Color Temperature Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇔ 005	--	000	000	000	000	000
006 ⇔ 025	<b>2800K</b>	255	199	107	253	255
026 ⇔ 050	<b>3000K</b>	220	128	050	255	255
051 ⇔ 075	<b>3200K</b>	253	247	129	255	255
076 ⇔ 100	<b>3500K</b>	234	255	141	253	255
101 ⇔ 125	<b>4000K</b>	204	255	156	243	255
126 ⇔ 150	<b>4500K</b>	181	248	166	224	255
151 ⇔ 175	<b>5000K</b>	160	255	180	241	255
176 ⇔ 200	<b>5600K</b>	138	255	191	241	255
201 ⇔ 225	<b>6000K</b>	147	255	193	203	255
226 ⇔ 250	<b>6500K</b>	142	251	197	187	255
251 ⇔ 255	--	000	000	000	000	000



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

**DMX Values**
**17Ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Red fine	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Green fine	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Blue fine	000 ⇔ 255	0–100%
9	Amber	000 ⇔ 255	0–100%
10	Amber fine	000 ⇔ 255	0–100%
11	Lime	000 ⇔ 255	0–100%
12	Lime fine	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
14	Virtual color wheel	000 ⇔ 255	See <a href="#">Virtual Color Wheel Chart</a>
15	Color temperature	000 ⇔ 255	See <a href="#">Color Temperature Chart</a>
16	Gobo rotation	000 ⇔ 127	Gobo index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast
17	Red shift	000 ⇔ 010	No function
		011 ⇔ 127	On
		128 ⇔ 255	Off

**15Ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Red fine	000 ⇔ 255	0–100%
5	Green	000 ⇔ 255	0–100%
6	Green fine	000 ⇔ 255	0–100%
7	Blue	000 ⇔ 255	0–100%
8	Blue fine	000 ⇔ 255	0–100%
9	Amber	000 ⇔ 255	0–100%
10	Amber fine	000 ⇔ 255	0–100%
11	Lime	000 ⇔ 255	0–100%
12	Lime fine	000 ⇔ 255	0–100%
13	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
14	Gobo rotation	000 ⇔ 127	Gobo index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast
15	Red shift	000 ⇔ 010	No function
		011 ⇔ 127	On
		128 ⇔ 255	Off

## 14Ch

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	Amber	000 ⇔ 255	0–100%
6	Lime	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
8	Virtual color wheel	000 ⇔ 255	See <a href="#">Virtual Color Wheel Chart</a>
9	Color temperature	000 ⇔ 255	See <a href="#">Color Temperature Chart</a>
10	Auto program	000 ⇔ 010 011 ⇔ 060 061 ⇔ 110 111 ⇔ 160 161 ⇔ 210 211 ⇔ 255	No function Auto program 1 Auto program 2 Auto program 3 Auto program 4 Auto program 5
11	Auto speed	000 ⇔ 255	Auto speed, slow to fast
12	Dimmer speed mode* (Hold for 3 seconds, then release: Overrides the dimmer mode setting in the menu)	000 ⇔ 051 052 ⇔ 101 102 ⇔ 152 153 ⇔ 203 204 ⇔ 255	Current dimmer speed mode Linear dimmer Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3
13	Gobo rotation	000 ⇔ 127 128 ⇔ 190 191 ⇔ 192 193 ⇔ 255	Gobo index Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast
14	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

## 12Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Green	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Amber	000 ⇔ 255	0–100%
7	Lime	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
9	Virtual color wheel	000 ⇔ 255	See <a href="#">Virtual Color Wheel Chart</a>
10	Color temperature	000 ⇔ 255	See <a href="#">Color Temperature Chart</a>
11	Gobo rotation	000 ⇔ 127 128 ⇔ 190 191 ⇔ 192 193 ⇔ 255	Gobo index Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast
12	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

## 9Ch

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	Amber	000 ⇔ 255	0–100%
6	Lime	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
8	Gobo rotation	000 ⇔ 127 128 ⇔ 190 191 ⇔ 192 193 ⇔ 255	Gobo index Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast
9	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

## 6Ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Green	000 ⇔ 255	0–100%
3	Blue	000 ⇔ 255	0–100%
4	Amber	000 ⇔ 255	0–100%
5	Lime	000 ⇔ 255	0–100%
6	Gobo rotation	000 ⇔ 127 128 ⇔ 190 191 ⇔ 192 193 ⇔ 255	Gobo index Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast

## 5Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Virtual color wheel	000 ⇔ 255	See <a href="#">Virtual Color Wheel Chart</a>
3	Color temperature	000 ⇔ 255	See <a href="#">Color Temperature Chart</a>
4	Gobo rotation	000 ⇔ 127 128 ⇔ 190 191 ⇔ 192 193 ⇔ 255	Gobo index Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast
5	Red shift	000 ⇔ 010 011 ⇔ 127 128 ⇔ 255	No function On Off

## 2Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red shift	000 ⇔ 010	No function
		011 ⇔ 127	On
		128 ⇔ 255	Off

## HSV

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇔ 255	0–100%
2	Saturation	000 ⇔ 255	0–100%
3	Value	000 ⇔ 255	0–100%
4	Gobo rotation	000 ⇔ 127	Gobo index
		128 ⇔ 190	Clockwise rotation, fast to slow
		191 ⇔ 192	Stop
		193 ⇔ 255	Counterclockwise rotation, slow to fast