

**DMX Values**

**HSV**

Channel	Function	Value	Percent/Setting
1	Hue	000 ⇔ 255	0–100%
2	Saturation	000 ⇔ 255	0–100%
3	Value	000 ⇔ 255	0–100%

**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 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
14	Virtual Color Wheel	000 ⇔ 255	Refer to the <a href="#">Color Chart</a>
15	Color Temperature	000 ⇔ 255	Refer to the <a href="#">Color Temperature Chart</a>

**13Ch**

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 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

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	Amber	000 ⇔ 255	0–100%
6	Lime	000 ⇔ 255	0–100%
7	Strobe	000 ⇔ 010	No function
		011 ⇔ 255	Strobe, slow to fast
8	Virtual Color Wheel	000 ⇔ 255	Refer to the <a href="#">Color Chart</a>
9	Color Temperature	000 ⇔ 255	Refer to the <a href="#">Color Temperature Chart</a>
10	Auto Programs	000 ⇔ 010	No function
		011 ⇔ 060	Auto program 1
		061 ⇔ 110	Auto program 2
		111 ⇔ 160	Auto program 3
		161 ⇔ 210	Auto program 4
		211 ⇔ 255	Auto program 5
11	Auto Speed	000 ⇔ 255	0–100%
12	Dimmer Mode*	000 ⇔ 051	Current dimmer speed mode
		052 ⇔ 101	Linear dimmer
		102 ⇔ 152	Nonlinear dimming curve 1 (fastest)
		153 ⇔ 203	Nonlinear dimming curve 2
		204 ⇔ 255	Nonlinear dimming curve 3 (slowest)



\*Hold desired Dimmer Mode value for 3 seconds, then release. This changes the Dimmer Mode setting in the menu.

10Ch

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	No function
		011 ⇔ 255	Strobe, slow to fast
9	Virtual Color Wheel	000 ⇔ 255	Refer to the <a href="#">Color Chart</a>
10	Color Temperature	000 ⇔ 255	Refer to the <a href="#">Color Temperature Chart</a>

**7 Ch**

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

**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	Amber	000 ⇔ 255	0–100%
5	Lime	000 ⇔ 255	0–100%

**3 Ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Virtual Color Wheel	000 ⇔ 255	Refer to the <a href="#">Color Chart</a>
3	Color Temperature	000 ⇔ 255	Refer to the <a href="#">Color Temperature Chart</a>

**1 Ch**

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%, color set through menu

### Virtual Color Wheel

The Ovation F-55FC includes a feature called the Virtual Color Wheel (VCW). This feature is available as a stand-alone control mode for manual use and also as a control channel in select DMX personalities. Over 30 pre-mixed colors, custom blended by our engineers, are available to call up for easier programming.

The DMX values used to mix these colors are provided below. You may adjust the overall intensity of the Ovation fixture in order to more closely replicate colors you are familiar with. A chart is available on our website [www.chauvetprofessional.com](http://www.chauvetprofessional.com) to compare our pre-mixed colors with popular gel colors. This chart is for comparison purposes only and is not a representation that our pre-mixed colors match any of the gel colors listed.

### Color 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 Blue 2</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



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>	195	177	154	255	255
026 ⇄ 050	<b>3000K</b>	191	186	161	255	255
051 ⇄ 075	<b>3200K</b>	186	195	169	255	255
076 ⇄ 100	<b>3500K</b>	181	205	179	255	255
101 ⇄ 125	<b>4000K</b>	175	221	192	255	255
126 ⇄ 150	<b>4500K</b>	169	231	204	255	255
151 ⇄ 175	<b>5000K</b>	163	239	213	255	255
176 ⇄ 200	<b>5600K</b>	157	247	223	255	255
201 ⇄ 225	<b>6000K</b>	154	251	230	255	255
226 ⇄ 250	<b>6500K</b>	153	255	238	255	255
251 ⇄ 255	--	000	000	000	000	000



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.