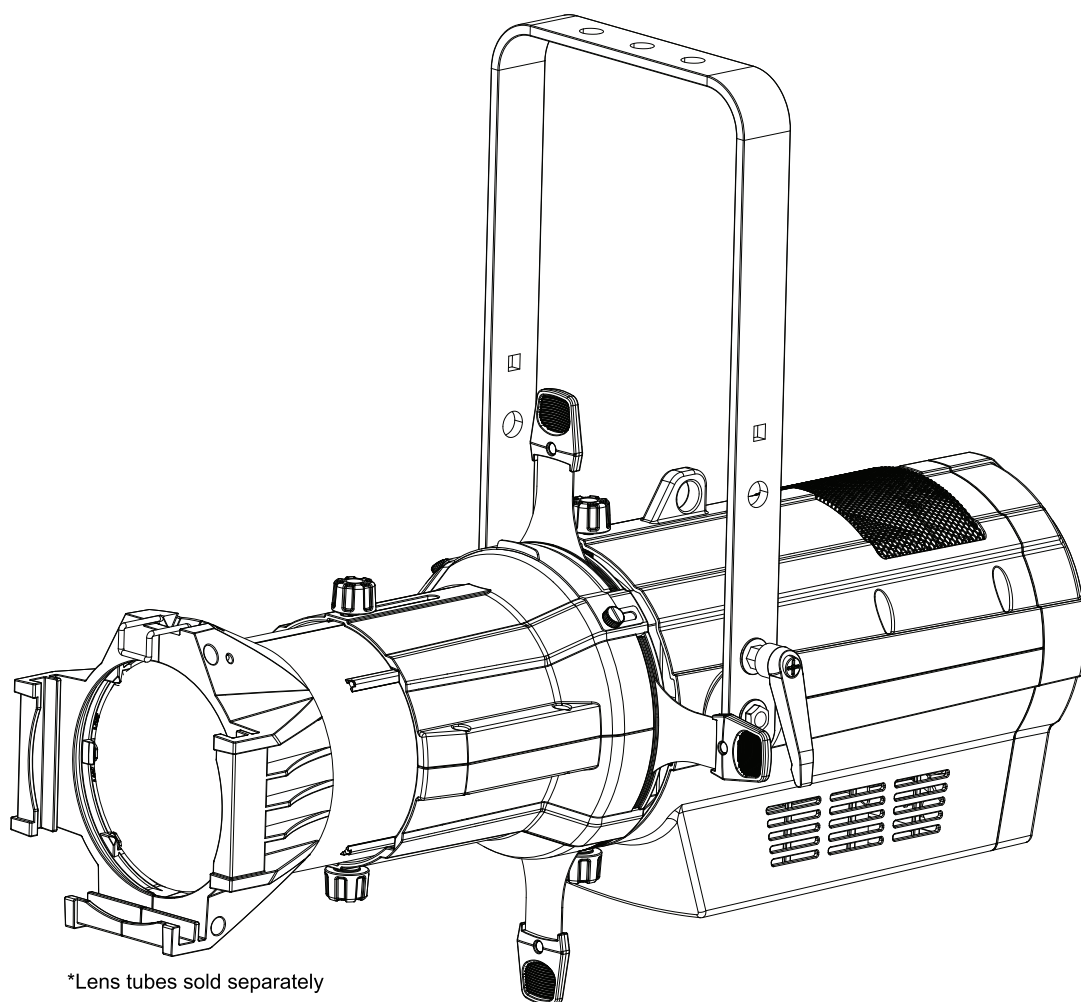


Ovation

E-910FC

Quick Reference Guide

English	EN
Español	ES
Français	FR
Deutsch	DE
Nederlands	NL



*Lens tubes sold separately


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About This Guide

The Ovation E-910FC Quick Reference Guide (QRG) has basic product information such as connection, mounting, menu options, and DMX values. Download the User Manual from www.chauvetprofessional.com for more details.

Disclaimer

The information and specifications contained in this QRG are subject to change without notice.

LIMITED WARRANTY

FOR WARRANTY REGISTRATION AND COMPLETE TERMS AND CONDITIONS PLEASE VISIT OUR WEBSITE.

For Customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration

For Customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration/

Chauvet warrants that this product shall be free from defects in material and workmanship under normal use, for the period specified in and subject to the exclusions and limitations set forth in, the full limited warranty on our website. This warranty extends only to the original purchaser of the product and is not transferable. To exercise rights under this warranty, you must provide proof of purchase in the form of an original sales receipt from an authorized dealer that shows the product name and date of purchase. THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES. This warranty gives you specific legal rights. You may also have other rights that vary from state to state and country to country. This warranty is valid only in the United States, United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, Germany and Mexico. For warranty terms in other countries, please consult your local distributor.

Safety Notes

- DO NOT open this product. It contains no user-serviceable parts.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.
- DO NOT look at the light source when the product is on.
- CAUTION: This product's housing may be hot when lights are operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- DO NOT leave any flammable material within 50 cm of this product while operating or connected to power.
- CAUTION: When transferring product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- USE a safety cable when mounting this product overhead.
- DO NOT operate this product outdoors or in any location where dust, excessive heat, water or humidity may affect it (IP20).
- DO NOT operate this product if the housing, lenses, or cables appear damaged.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.
- ONLY use the hanging/mounting bracket to carry this product.
- In the event of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.

FCC Compliance

This device complies with Part 15 Part B of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Contact

Outside the U.S., United Kingdom, Ireland, Benelux, France, Germany, or Mexico, contact your distributor to request support or return a product. Visit [Contact Us](#) at the end of this QRG for contact information.

What is Included

- Ovation E-910FC
- Neutrik® powerCON® power cord
- Soft focus filter
- Quick Reference Guide

AC Power

This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC, 50/60 Hz.

Power Linking

You can link up to 6 Ovation E-910FC products at 120 VAC, 11 products at 208 V, or 12 at 230 VAC. Never exceed this number. Power linking cords can be purchased separately.

AC Plug

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow/Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green



To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it

Replacing the Fuse

1. Disconnect this product from power.
2. Using a flat head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove blown fuse and replace with a good fuse of the same type and rating.
4. Screw the fuse folder cap back in place and reconnect power.

DMX Linking

The Ovation E-910FC will work with a DMX controller using either a 3- or 5-pin DMX serial connection. A DMX Primer is available from www.chauvetprofessional.com.

DMX Connection

The Ovation E-910FC uses a 3- or 5-pin DMX data connection for its DMX personalities: **3Ch, 5Ch, 7Ch, 10 Ch, 12 Ch, 13 Ch, 15 Ch**, and **HSV**. See the User Manual for information about connecting and configuring the product for DMX operation.

Master/Slave Connection

The Ovation E-910FC uses the DMX data connection for its master/slave mode. See the User Manual for information about how to connect and configure the product for master/slave operation.

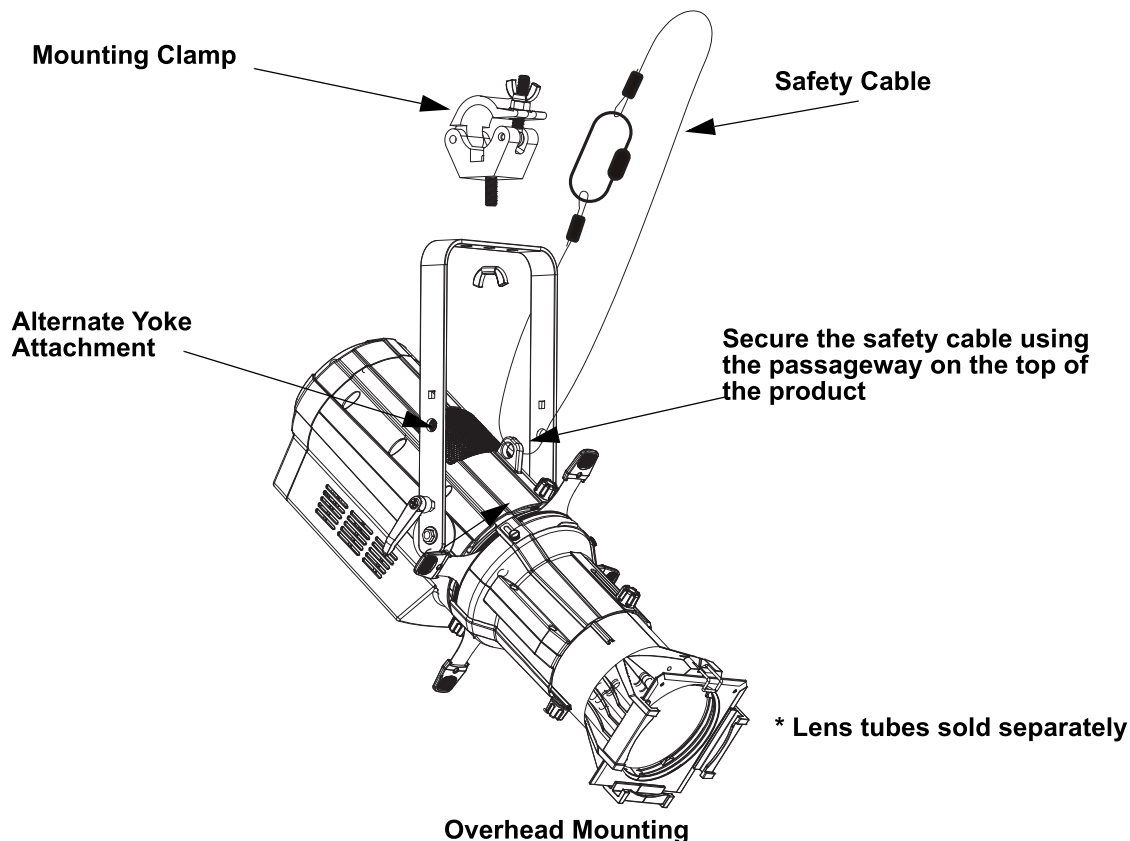
RDM (Remote Device Management)

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The Ovation E-910FC supports RDM protocol that allows feedback to monitor temperature and changes to DMX address and DMX channel menu map options. Download the User Manual from www.chauvetprofessional.com for more details.

Mounting

Before mounting this product, read the [Safety Notes](#). Use at least one mounting point per product. Make sure the mounting clamps are capable of supporting the weight of the product. For our Chauvet line of mounting clamps, go to <http://trusst.com/productcategory/truss-clamps/>

Product Mounting Diagram



Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the currently selected value into the selected function
<UP>	Navigates upwards through the menu list or increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list or decreases the numeric value when in a function

Lens Tubes

The following lens tubes are available for purchase:

- 19°, 26°, 36°, and 50° w/Gel frame (6.25 in/159 mm accessories)
- 14°, 15°–30° and 25°–50° Zoom Gel frame (7.5 in/191 mm accessories)

Virtual Color Wheel (VCW)

The Ovation E-910FC 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 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.

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	C3050 - Md Yellow	233	163	020	123	255
014 ⇔ 021	C3040 - Lt Yellow	224	158	047	255	231
022 ⇔ 028	C3240 - Amb Yellow	180	060	000	245	255
029 ⇔ 035	C2340 - VLt Amber	245	107	081	255	213
036 ⇔ 043	C2040 - Lt Amber	230	130	062	255	155
044 ⇔ 051	C2050 - Md Amber	255	000	025	255	194
052 ⇔ 059	C2060 - Dk Amber	255	000	024	255	150
060 ⇔ 067	C1050 - Lt Red	255	037	027	030	038
068 ⇔ 075	C1080 - Md Red	255	004	017	000	000
076 ⇔ 083	C1020 - NC Pink	238	135	129	255	255
084 ⇔ 091	C1030 - Md Pink	255	131	120	255	195
092 ⇔ 099	C1630 - Dk Pink	255	165	123	255	210
100 ⇔ 107	C1250 - Md Red Amber	255	000	041	195	055
108 ⇔ 115	C1060 - Dk Red Amber	255	000	045	120	030
116 ⇔ 121	C1650 - Magenta	255	050	115	255	115
122 ⇔ 130	C6170 - Dk Magenta	255	035	117	000	000
131 ⇔ 138	C6020 - Lt Lavender	127	122	142	251	255
139 ⇔ 146	C5030 - Lt Blue	000	255	197	100	255
147 ⇔ 154	C5020 - VLt Blue	158	255	189	000	255
155 ⇔ 162	C5430 - Lt Blue 2	000	255	180	000	243
163 ⇔ 170	C5070 - Blue	043	255	210	043	036
171 ⇔ 178	C5050 - Md Blue	000	255	218	000	181
179 ⇔ 186	C5060 - Dk Blue	000	210	206	000	118
187 ⇔ 194	C5690 - Indigo	065	000	210	040	055
195 ⇔ 202	C5080 - Vdk Blue	000	203	230	000	040
203 ⇔ 210	C5081 - Vdk Blue2	040	199	240	000	045
211 ⇔ 218	C4370 - Yel Green	027	255	028	016	104
219 ⇔ 226	C4070 - Green	049	255	055	120	090
227 ⇔ 234	C4550 - Turquoise	060	230	109	000	245
235 ⇔ 242	C4560 - Aqua	020	240	126	036	255
243 ⇔ 250	C4570 - Blue Green	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	2800K	255	199	107	253	255
026 ⇔ 050	3200K	253	247	129	255	255
051 ⇔ 075	3500K	234	255	141	253	255
076 ⇔ 100	4000K	204	255	156	243	255
101 ⇔ 125	4500K	181	248	166	224	255
126 ⇔ 150	5000K	160	255	180	241	255
151 ⇔ 175	5600K	138	255	191	241	255
176 ⇔ 200	6000K	147	255	193	203	255
201 ⇔ 225	6500K	142	251	197	187	255
226 ⇔ 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.

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Menu Map

Main Level	Programming Levels		Description
DMX Address	001–512		Selects DMX address (highest channel restricted to personality chosen)
DMX Channel	3Ch		3-channel: dimmer, VCW, color temperature
	5Ch		5-channel: RGBAL control
	7Ch		7-channel: dimmer, RGBAL, strobe
	10 Ch		10-channel: 16-bit dimmer, RGBAL, strobe, VCW, color temperature
	12 Ch		12-channel: dimmer, RGBAL, strobe, VCW, color temperature, auto program, auto speed, dimmer speed mode
	13 Ch		13-channel: 16-bit dimmer, 16-bit RGBAL, strobe
	15 Ch		15-channel: 16-bit dimmer, 16-bit RGBAL, strobe, VCW, color temperature
	HSV		3-channel: hue, saturation, value
Virtual Color Wheel	Virtual Color Wheel	C3050-Md Yellow	Virtual color wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart section for specific values.
		C3040-Lt Yellow	
		C3240-Amb Yellow	
		C2340-VLt Amber	
		C2040-Lt Amber	
		C2050-Md Amber	
		C2060-Dk Amber	
		C1050-Lt Red	
		C1080-Md Red	
		C1020-NC Pink	
		C1030-Md Pink	
		C1630-Dk Pink	
		C1250-Md Red Amber	
		C1060-Dk Red Amber	
		C1650-Magenta	
		C6170-Dk Magenta	
		C6020-Lt Lavender	
		C5030-Lt Blue	
		C5020-VLt Blue	
		C5430-Lt Blue2	
		C5070-Blue	
		C5050-Md Blue	
		C5060-Dk Blue	
		C5690- Indigo	
		C5080-VDk Blue	
		C5081-VDk Blue2	
		C4370-Yel Green	
		C4070-Green	
		C4550-Turquoise	
		C4560-Aqua	
		C4570-Blue Green	
	Color Temperature	2800K	Preset white color temperatures. Emulates a tungsten lamp at the specified color temperature. Refer to the Color Temperature Chart section for specific values.
		3200K	
		3500K	
		4000K	

Main Level	Programming Levels				Description
Virtual Color Wheel	Color Temperature	4500K		<000–255>	Preset white color temperatures. Emulates a tungsten lamp at the specified color temperature. Refer to the Color Temperature Chart section for specific values.
		5000K			
		5600K			
		6000K			
		6500K			
	Manual Color Mixer		Red	<000–255>	Combine red, green, blue, amber, and lime to make a custom color (0–100%)
			Green		
			Blue		
			Amber		
			Lime		
Auto Show	Auto 1–5		<001–100>		Selects automatic programs and program speed
Master/ Slave	Master				DMX mode (Master)
	Slave				Slave mode
Dimmer Mode	Off				Linear dimmer
	Dimmer 1–3				Dimming curves Dimmer 1 (fast) to Dimmer 3 (slow)
White Balance	Off				Uses factory default white setting
	Manual	Red	<000–255>	Sets red LED maximum value	
		Green		Sets green LED maximum value	
		Blue		Sets blue LED maximum value	
		Amber		Sets amber LED maximum value	
		Lime		Sets lime LED maximum value	
LED Frequency	600Hz				Sets the PWM frequency
	1200Hz				
	2000Hz				
	4000Hz				
	6000Hz				
	25KHz				
Fan Mode	Auto				Sets the fan to auto mode
	On				Sets the fan to always on
	Off				Sets the fan to always off
	Silent				Sets the fan to silent
Back Light	On				Display backlight always on
	10S				Turns off display backlight after 10 seconds of inactivity
	20S				Turns off display backlight after 20 seconds of inactivity
	30S				Turns off display backlight after 30 seconds of inactivity
Information	Fixture Hours		<_ _ _ _ H>		Shows total hours the product has been powered on
	Version		<V _ _>		Shows current firmware version
	UID		<_ _ _ _ _ _ _ _ _>		Shows product UID

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DMX Values

15 Ch

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	See Virtual Color Wheel Chart
15	Color Temperature	000 ⇄ 255	See Color Temperature Chart

13 Ch

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

12 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
8	Virtual Color Wheel	000 ⇄ 255	See Virtual Color Wheel Chart
9	Color Temperature	000 ⇄ 255	See Color Temperature Chart
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	0–100%
12	Dimmer Speed Mode	000 ⇄ 051 052 ⇄ 101 102 ⇄ 152 153 ⇄ 203 204 ⇄ 255	No function Dimmer speed mode off Dimmer speed mode 1 Dimmer speed mode 2 Dimmer speed mode 3

10 Ch

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 Virtual Color Wheel Chart
10	Color Temperature	000 ⇄ 255	See Color Temperature Chart

7Ch

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

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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	Amber	000 ⇄ 255	0–100%
5	Lime	000 ⇄ 255	0–100%

3Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇄ 255	0–100%
2	Virtual Color Wheel	000 ⇄ 255	See Virtual Color Wheel Chart
3	Color Temperature	000 ⇄ 255	See Color Temperature Chart

HSV

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