



# GEMINI

Series

## DMX Function Reference

V4.2

For use with:

- Gemini 2x1 FW Rev E4  
and later: Jan 1<sup>st</sup>, 2024
- Gemini 1x1 FW Rev E4  
and later: Jan 1<sup>st</sup>, 2024

Gemini Profiles and Control Options can be selected on the fixture directly or through RDM.

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## Introduction

Litepanels' Gemini Series of RGBWW panels can be controlled via DMX using common profiles. There are two profile sets available:

- Litepanels profiles have been developed specifically for Geminis and used by the fixtures since launch
- Standard profiles are a common format that enable integration with select non-Litepanels fixtures

The Litepanels profiles start with the prefix P (i.e. P01, P02, etc) whereas the Standard profiles are prefixed with S (i.e. S01, S02, etc). We recommend use of Litepanels profiles unless the standard profiles are needed for commonality with other fixtures.

8-bit and 16-bit profiles are available. Once a base channel has been selected, all other control channels are offset from that base channel as indicated in the following charts.

Additional DMX control information for Gel Mode, Effects, Green Offset and Fan Control can be found at the end of this document, along with a Table for a DMX Mode Control option which can be used with Litepanels profiles to match the behavior of previous firmware.

Several DMX options can be adjusted directly on the Gemini fixture, or adjusted via RDM control:

- Device label
- DMX profile
- DMX base channel: 1-497 range
- Onboard display settings
- DMX mode Cntrl Enable/Disable
- DMX term resistor: ON/OFF (Gemini 1x1 and Gemini 2x1 Hard only)
- Fan control
- HSI saturation curve
- CCT color mode

Please see the Gemini RDM Chart for details on these settings.

### Lost DMX Signal

As standard, when DMX is lost, fixture settings will remain held until DMX is restored or the power switch is cycled. Alternative DMX lost signal options can be set locally in the Gemini menu.

# GEMINI DMX FUNCTION CHART Version 4.2

For use with Gemini FW Rev E4 and later: Jan 1, 2024



## Litepanels Profiles

### P01: CCT & RGBW 8b

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 2	0-255	0-100	CCT (2700K-10000K)	18 / 3200K	Gemini 2x1: Max = 10000K Gemini 1x1: Max = 10000K
Channel 3	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 4	0-255	0-100	Cross-Fade (White to RGB)	0 / 0	
Channel 5	0-255	0-100	Red Intensity	255 / 100	
Channel 6	0-255	0-100	Green Intensity	255 / 100	
Channel 7	0-255	0-100	Blue Intensity	255 / 100	
Channel 8	0-255	0-100	White Intensity	255 / 100	
Channel 9	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 10			Reserved		
Channel 11			Reserved		
Channel 12			Reserved		

### P02: CCT 8b

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 2	0-255	0-100	CCT (2700K-10000K)	18 / 3200K	Gemini 2x1: Max = 10000K Gemini 1x1: Max = 10000K
Channel 3	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 4			Reserved		
Channel 5	See Mode Control Table		<u>DMX Mode Control</u>	0 / 0	0 < Value < 29
Channel 6	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table

### P03: CCT & HSI 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 2	0-255	0-100	CCT (2700K-10000K)	18 / 3200K	Gemini 2x1: Max: 10000K Gemini 1x1: Max= 10000K
Channel 3	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 4	0-255	0-100	Cross-Fade (White to HSI)	0 / 0	
Channel 5		0-100	HUE	0 / 0	0 to 359 Degrees
Channel 6			Saturation	0 / 0	0 to Full Saturation
Channel 7	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 8			Reserved		
Channel 9			Reserved		
Channel 10			Reserved		

### P04: RGBW 8 Bit

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 2	0-255	0-100	CCT (2700K-10000K)	18 / 3200K	Gemini 2x1: Max = 6000K Gemini 1x1: Max = 6000K
Channel 3	0-255	0-100	White Intensity	255 / 100	
Channel 4	0-255	0-100	Red Intensity	255 / 100	
Channel 5	See Mode Control Table		DMX Mode Control	See Mode Control Table	90 < Value < 119
Channel 6	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 7	0-255	0-100	Green Intensity	255 / 100	
Channel 8	0-255	0-100	Blue Intensity	255 / 100	

### P05: HSI 8 Bit

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 2			HUE	0 / 0	0 to 359 Degrees
Channel 3			Saturation	0 / 0	0 to Full Saturation
Channel 4			Reserved		
Channel 5	See Mode Control Table		DMX Mode Control	See Mode Control Table	30 < Value < 59
Channel 6	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table

### P06: CCT & RGBW 16 Bit

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>	
Upper Channel 1	Lower Channel 2	0-65535	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 3	Channel 4	0-65535	0-100	CCT (2700K-10000K)	4489 / 3200K	Gemini 2x1: Max = 10000K Gemini 1x1: Max = 10000K
Channel 5	Channel 6	See Green Offset Table	Green Offset		See Green Offset Table	
Channel 7	Channel 8	0-65535	0-100	Cross-Fade (White to RGB)	0 / 0	
Channel 9	Channel 10	0-65535	0-100	Red Intensity	65535 / 100	
Channel 11	Channel 12	0-65535	0-100	Green Intensity	65535 / 100	
Channel 13	Channel 14	0-65535	0-100	Blue Intensity	65535 / 100	
Channel 15	Channel 16	0-65535	0-100	White Intensity	65535 / 100	
Channel 17	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table	
Channel 18			Reserved			
Channel 19			Reserved			
Channel 20			Reserved			

### P07: CCT 16 Bit

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>	
Upper Channel 1	Lower Channel 2	0-65535	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 3	Channel 4	0-65535	0-100	CCT (2700K-10000K)	4489 / 3200K	Gemini 2x1: Max = 10000K Gemini 1x1: Max = 10000K
Channel 5	Channel 6	See Green Offset Table	Green Offset		See Green Offset Table	
Channel 7	See Mode Control Table		DMX Mode Control	See Mode Control Table	0 < Value < 29	
Channel 8	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table	

**P08: CCT & HSI 16 Bit**

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
Channel 3	Channel 4	0-65535	0-100	<b>CCT (2700K-10000K)</b>	4489 / 3200K	Gemini 2x1: Max = 10000K Gemini 1x1: Max = 10000K
Channel 5	Channel 6	See Green Offset Table		<b>Green Offset</b>		See Green Offset Table
Channel 7	Channel 8	0-65535	0-100	<b>Cross-Fade (White to HSI)</b>	0 / 0	
Channel 9	Channel 10	0-65535	0-100	<b>HUE</b>	0 / 0	0 to 359 Degrees
Channel 11	Channel 12	0-65535	0-100	<b>Saturation</b>	0 / 0	0 to Full Saturation
Channel 13	See Fan Control Table			<b>DMX Fan Control</b>	0 / 0	See Fan Control Table
Channel 14				<b>Reserved</b>		
Channel 15				<b>Reserved</b>		
Channel 16				<b>Reserved</b>		

**P09: RGBW 16 Bit**

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
Channel 3	Channel 4	0-65535	0-100	<b>CCT (2700K-10000K)</b>	4489 / 3200K	Gemini 2x1: Max = 10000K Gemini 1x1: Max = 10000K
Channel 5	Channel 6	0-65535	0-100	<b>White Intensity</b>	255 / 100	
Channel 7	See Mode Control Table			<b>DMX Mode Control</b>	See Mode Control Table	90 < Value < 119
Channel 8	See Fan Control Table			<b>DMX Fan Control</b>	0 / 0	See Fan Control Table
Channel 9	Channel 10	0-65535	0-100	<b>Red Intensity</b>	255 / 100	
Channel 11	Channel 12	0-65535	0-100	<b>Green Intensity</b>	255 / 100	
Channel 13	Channel 14	0-65535	0-100	<b>Blue Intensity</b>	255 / 100	

**P10: HSI 16 Bit**

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
Channel 3	Channel 4	0-65535	0-100	<b>HUE</b>	0 / 0	0 to 359 Degrees
Channel 5	Channel 6	0-65535	0-100	<b>Saturation</b>	0 / 0	0 to Full Saturation
Channel 7	See Mode Control Table			<b>DMX Mode Control</b>	See Mode Control Table	30 < Value < 59
Channel 8	See Fan Control Table			<b>DMX Fan Control</b>	0 / 0	See Fan Control Table

**P11: GEL 8 Bit**

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
Channel 2	0-127 128-255	0-50 51-100	<b>CCT (2700K or 6000K)</b> Tungsten Source Daylight Source	0 / 0	
Channel 3	0-127 128-255	0-50 51-100	<b>MANUFACTURER</b> R Type Gels L Type Gels	0 / 0	
Channel 4	0-50 51-101 102-152 153-203 204-255	0-20 21-39 40-60 61-80 81-100	<b>Category</b> 1 2 3 4 5	0 / 0	R and L Clr Correction R 4000 Series and L Color Filters R2000 and L600 Series R CINE and L Cosmetic R CINE & L700 Series
Channel 5	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	60 < Value < 89
Channel 6	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table
Channel 7	0-255	0-100	<b>Gel Select (See V2 Gel Detail Table)</b>	0 / 0	

## P12: GEL 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Channel 1	Channel 2	0-65535	0-100	<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
				<b>CCT (2700K or 6000K)</b>		
Channel 3		0-127	0-50	Tungsten Source	0 / 0	
		128-255	51-100	Daylight Source		
				<b>MANUFACTURER</b>		
Channel 4		0-127	0-50	R Type Gels	0 / 0	
		128-255	51-100	L Type Gels		
				Category		
		0-50	0-20	1		R and L Clr Correction
Channel 5		51-101	21-39	2	0 / 0	R 4000 Series and L Color Filters
		102-152	40-60	3		R2000 and L600 Series
		153-203	61-80	4		R CINE and L Cosmetic
		204-255	81-100	5		R CINE & L700 Series
Channel 6		0-255	0-100	<b>Gel Select (See V2 Gel Detail Table)</b>	0 / 0	
Channel 7	See Mode Control Table			<b>DMX Mode Control</b>	See Mode Control Table	60 < Value < 89
Channel 8	See Fan Control Table			<b>DMX Fan Control</b>	0 / 0	See Fan Control Table

## P13: Effects 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
	0-15	0-6	Emergency		
	16-31	7-12	Fire		
	32-47	13-19	Fireworks		
	48-63	20-25	HUE Burst		
	64-79	26-31	Lite-ning		
Channel 2	80-95	32-37	Paparazzi	0 / 0	
	96-111	38-43	Party Lites		
	112-127	44-50	Pulsing		
	128-143	51-56	Squares		
	144-159	57-63	Strobe		
	160-171	64-69	TV/Monitor		
	172-255	70-100	Reserved		
Channel 3	0-255	0-100	<b>DMX EFFECTS PARAMETER 1</b>	0 / 0	
Channel 4	0-255	0-100	<b>DMX EFFECTS PARAMETER 2</b>	0 / 0	
Channel 5	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	120 < Value < 149
Channel 6	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table
Channel 7	0-255	0-100	<b>DMX EFFECTS PARAMETER 3</b>	0 / 0	
Channel 8	0-255	0-100	<b>DMX EFFECTS PARAMETER 4</b>	0 / 0	
Channel 9	0-255	0-100	<b>DMX EFFECTS PARAMETER 5</b>	0 / 0	

## P14: Effects 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Upper Channel 1	Lower Channel 2	0-65535	0-100		
			<b>Dimmer</b>	0 / 0	Base Chan= 1 to 497
			<b>EFFECTS</b>		
		0-15	Emergency		
		16-31	Fire		
		32-47	Fireworks		
		48-63	HUE Burst		
		64-79	Lite-ning		
Channel 3		80-95	Paparazzi	0 / 0	
		96-111	Party Lites		
		112-127	Pulsing		
		128-143	Squares		
		144-159	Strobe		
		160-171	TV/Monitor		
		172-255	Reserved		
Channel 4	Channel 5		<b>DMX EFFECTS PARAMETER 1</b>	0 / 0	
Channel 6			<b>Reserved</b>		
Channel 7	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	120 < Value < 149
Channel 8	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table
Channel 9	Channel 10	0-65535	0-100	<b>DMX EFFECTS PARAMETER 2</b>	0 / 0
Channel 11	Channel 12	0-65535	0-100	<b>DMX EFFECTS PARAMETER 3</b>	0 / 0
Channel 13	Channel 14	0-65535	0-100	<b>DMX EFFECTS PARAMETER 4</b>	0 / 0
Channel 15	Channel 16	0-65535	0-100	<b>DMX EFFECTS PARAMETER 5</b>	0 / 0

## P15: Presets Trigger 8 Bit

(Bump "Base Ch+2" Data from 0 to 128+ to Trigger)

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	<b>Dimmer (if changed after preset is triggered)</b>	0 / 0	Preset Dim used unless Board Dimmer changes
			<b>PRESET SELECT</b>		
	0-42	0-16	Preset # 1		
	43-85	17-33	Preset # 2		
Channel 2	86-127	34-50	Preset # 3	0 / 0	Select the Preset # to be triggered
	128-170	51-66	Preset # 4		
	171-212	67-83	Preset # 5		
	213-255	84-100	Preset # 6		
			<b>Trigger the Preset</b>		
Channel 3	0-10	0-4	Preset Trigger Armed	69 / 28	Bump from 0 to 128+ to trigger the preset that is selected by (Base Ch+1) and (Base Ch+3)
	11-127	5-50	No Action		
	128-255	51-100	Preset Triggered		
			<b>FACTORY / USER TYPE SELECT</b>		
Channel 4	0-127	0-50	Preset Trigger Disabled	0 / 0	Select Factory or User Preset
	128-191	51-75	Factory Preset Selected		
	192-255	76-100	User Preset Selected		
Channel 5	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	150 < Value < 179



## P16: Preset Trigger 16 Bit

(Bump "Base Ch+2" Data from 0 to 128+ to Trigger)

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer (if changed after preset is triggered)	0 / 0	Preset Dim used unless Board Dimmer changes
			<b>PRESET SELECT</b>		
	0-42	0-16	Preset # 1		
	43-85	17-33	Preset # 2		
Channel 2	86-127	34-50	Preset # 3	0 / 0	Select the Preset # to be triggered
	128-170	51-66	Preset # 4		
	171-212	67-83	Preset # 5		
	213-255	84-100	Preset # 6		
			<b>Trigger the Preset</b>		
Channel 3	0-10	0-4	Preset Trigger Armed	69 / 28	Bump from 0 to 128+ to trigger the preset that is selected by (Base Ch+1) and (Base Ch+3)
	11-127	5-50	No Action		
	128-255	51-100	Preset Triggered		
			<b>FACTORY / USER TYPE SELECT</b>		
Channel 4	0-127	0-50	Preset Trigger Disabled	0 / 0	Select Factory or User Preset
	128-191	51-75	Factory Preset Selected		
	192-255	76-100	User Preset Selected		
Channel 5			<b>Reserved</b>		
Channel 6			<b>Reserved</b>		
Channel 7	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	150 < Value < 179

## P17: xy 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	xy default = 6500K
Channel 2	0-255	0-100	x Coordinate	100 / .3137	0.1000 - 0.8000
Channel 3	0-255	0-100	y Coordinate	104 / .3262	0.1000 - 0.8000
Channel 4			<b>Reserved</b>		
Channel 5	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	180 < Value < 255
Channel 6	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table
Channel 7			<b>Reserved</b>		
Channel 8			<b>Reserved</b>		
Channel 9			<b>Reserved</b>		
Channel 10			<b>Reserved</b>		
Channel 11			<b>Reserved</b>		

## P18: xy 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	Dimmer	0 / 0	xy default = 6500K
Channel 3	Channel 4	0-65535	0-100	x Coordinate	25677 / .3135	0.1000 - 0.8000
Channel 5	Channel 6	0-65535	0-100	y Coordinate	26504 / .3236	0.1000 - 0.8000
Channel 7	See Mode Control Table		<b>DMX Mode Control</b>	See Mode Control Table	180 < Value < 255	
Channel 8	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table	
Channel 9	Channel 10		<b>Reserved</b>			
Channel 11	Channel 12		<b>Reserved</b>			
Channel 13			<b>Reserved</b>			
Channel 14			<b>Reserved</b>			
Channel 15			<b>Reserved</b>			
Channel 16			<b>Reserved</b>			
Channel 17			<b>Reserved</b>			

**P19: HSIC 8b**

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 2	0-255	0-100	CCT (2700K-10000K)	18 / 3200K	
Channel 3	See Green Offset Table		<b>Green Offset</b>		See Green Offset Table
Channel 4		0-100	HUE	0 / 0	0 to 359 Degrees
Channel 5			Saturation	0 / 0	0 to Full Saturation
Channel 6	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table

**P20: HSIC 16b**

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Upper Lower					
Channel 1 Channel 2	0-65535	0-100	Dimmer	0 / 0	Base Chan= 1 to 497
Channel 3 Channel 4	0-65535	0-100	CCT (2700K-10000K)	4489 / 3200K	
Channel 5	See Green Offset Tab		<b>Green Offset</b>		See Green Offset Table
Channel 6 Channel 7	0-65535	0-100	HUE	0 / 0	0 to 359 Degrees
Channel 8 Channel 9	0-65535		Saturation	0 / 0	0 to Full Saturation
Channel 10	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table

**P21: RGBTD 8b**

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	
Channel 2	0-255	0-100	Red	255 / 100	
Channel 3	0-255	0-100	Green	255 / 100	
Channel 4	0-255	0-100	Blue	255 / 100	
Channel 5	0-255		Tungsten	255 / 100	
Channel 6	0-255	0-100	Daylight	255 / 100	
Channel 7	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table

**P22: RGBTD 16b**

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Upper Lower					
Channel 1 Channel 2	0-65535	0-100	Dimmer	0 / 0	
Channel 3 Channel 4	0-65535	0-100	Red	255 / 100	
Channel 5 Channel 6	0-65535	0-100	Green	255 / 100	
Channel 7 Channel 8	0-65535	0-100	Blue	255 / 100	
Channel 9 Channel 10	0-65535		Tungsten	255 / 100	
Channel 11 Channel 12	0-65535	0-100	Daylight	255 / 100	
Channel 13	See Fan Control Table		<b>DMX Fan Control</b>	0 / 0	See Fan Control Table

Profiles 23 & 24 are designed for pixel mapping setups in the Rec709 color space  
 DMX control only. No Local control for sRGB, it will default to RGBW if Manual Mode

**P24: sRGB 16b**

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Upper	Lower				
Channel 1	Channel 2	0-65535	0-100	<b>Red</b>	0 / 0
Channel 3	Channel 4	0-65535	0-100	<b>Green</b>	0 / 0
Channel 5	Channel 6	0-65535	0-100	<b>Blue</b>	0 / 0
Channel 7	Channel 8	0-65535	0-100	<b>CCT</b>	TBD / 3200K
Channel 9		0-255		<b>Spectrum</b>	255 / 100
Channel 10	See Fan Control Table	0-100		<b>DMX Fan Control</b>	0 / 0

**1750K - 10000K**  
 Min=RGB only (worst)  
 Max=RGBWW (optimal)  
 See Fan Control Table

*If using a virtual intensity master then RGB should use default 255 / 100%*

**P40: HSIC +EFX 16b**

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Upper	Lower				
Channel 1	Channel 2	0-65535	0-100	<b>Dimmer</b>	0 / 0
Channel 3		0-255	0-100	<b>CCT (2700K-10000K)</b>	18 / 3200K
Channel 4	See Green Offset Table			<b>Green Offset</b>	See Green Offset Table
Channel 5	Channel 6	0-65535	0-100	<b>HUE</b>	0 / 0
Channel 7	Channel 8	0-65535		<b>Saturation</b>	0 / 0
Channel 9		0-255	0-100	<b>FX Type</b>	0 / 0
Channel 10		0-255	0-100	Reserved	
Channel 11		0-255	0-100	Reserved	
Channel 12		0-255	0-100	Reserved	
Channel 13		0-255	0-100	Reserved	
Channel 14		0-255	0-100	Reserved	
Channel 15		0-255	0-100	Reserved	
Channel 16		0-255	0-100	Reserved	
Channel 17		0-255	0-100	<b>DMX EFFECTS PARAMETER 1</b>	0 / 0
Channel 18		0-255	0-100	<b>DMX EFFECTS PARAMETER 2</b>	0 / 0
Channel 19		0-255	0-100	<b>DMX EFFECTS PARAMETER 3</b>	0 / 0
Channel 20		0-255	0-100	<b>DMX EFFECTS PARAMETER 4</b>	0 / 0
Channel 21		0-255	0-100	<b>DMX EFFECTS PARAMETER 5</b>	0 / 0
Channel 22	See Fan Control Table			<b>DMX Fan Control</b>	0 / 0

# Standard Profiles

## S01: CCT & RGBW 8b

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2	0-255	0-100	CCT (2800K-10000K)	14 / 3200K	Manual control minimum CCT is 2700K
Channel 3	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 4	0-255	0-100	Cross-Fade (White to RGB)	0 / 0	
Channel 5	0-255	0-100	Red Intensity	255 / 100	
Channel 6	0-255	0-100	Green Intensity	255 / 100	
Channel 7	0-255	0-100	Blue Intensity	255 / 100	
Channel 8	0-255	0-100	White Intensity	255 / 100	
Channel 9	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 10			Reserved		
Channel 11			Reserved		
Channel 12			Reserved		

## S02: CCT 8b

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2	0-255	0-100	CCT (2800K-10000K)	14 / 3200K	
Channel 3	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 4	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 5			Reserved		
Channel 6			Reserved		
Channel 7			Reserved		

## S03: CCT & HSI 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2	0-255	0-100	CCT (2800K-10000K)	14 / 3200K	
Channel 3	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 4	0-255	0-100	Cross-Fade (White to HSI)	0 / 0	
Channel 5			HUE	0 / 0	0 to 359 Degrees
Channel 6			Saturation	0 / 0	0 to Full Saturation
Channel 7	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 8			Reserved		
Channel 9			Reserved		
Channel 10			Reserved		

## S04: RGBW 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2	0-255	0-100	Red Intensity	0 / 0	
Channel 3	0-255	0-100	Green Intensity	0 / 0	
Channel 4	0-255	0-100	Blue Intensity	0 / 0	
Channel 5	0-255	0-100	White Intensity	0 / 0	CCT locked to 2800K when dmx controlled
Channel 6	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 7			Reserved		
Channel 8			Reserved		
Channel 9			Reserved		

### S05: HSI 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2			HUE	0 / 0	0 to 359 Degrees
Channel 3			Saturation	0 / 0	0 to Full Saturation
Channel 4	See Fan Control Tab		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 5			Reserved		
Channel 6			Reserved		
Channel 7			Reserved		

### S06: CCT & RGBW 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	Dimmer	0 / 0	Off -> On
Channel 3	Channel 4	0-65535	0-100	CCT (2800K-10000K)	3700 / 3200K	
Channel 5	Channel 6	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 7	Channel 8	0-65535	0-100	Cross-Fade (White to RGB)	0 / 0	
Channel 9	Channel 10	0-65535	0-100	Red Intensity	0 / 0	
Channel 11	Channel 12	0-65535	0-100	Green Intensity	0 / 0	
Channel 13	Channel 14	0-65535	0-100	Blue Intensity	0 / 0	
Channel 15	Channel 16	0-65535	0-100	White Intensity	0 / 0	
Channel 17	See Fan Control Table			<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 18			Reserved			
Channel 19			Reserved			
Channel 20			Reserved			

### S07: CCT 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	Dimmer	0 / 0	Off -> On
Channel 3	Channel 4			CCT (2800K-10000K)	3700 / 3200K	
Channel 5	Channel 6	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 7	See Fan Control Table			<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 8			Reserved			
Channel 9			Reserved			
Channel 10			Reserved			

### S08: CCT & HSI 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper	Lower					
Channel 1	Channel 2	0-65535	0-100	Dimmer	0 / 0	Off -> On
Channel 3	Channel 4	0-65535	0-100	CCT (2800K-10000K)	3700 / 3200K	
Channel 5	Channel 6	See Green Offset Table		<u>Green Offset</u>		See Green Offset Table
Channel 7	Channel 8	0-65535	0-100	Cross-Fade (White to HSI)	0 / 0	
Channel 9	Channel 10	0-65535	0-100	HUE	0 / 0	0 to 359 Degrees
Channel 11	Channel 12	0-65535	0-100	Saturation	0 / 0	0 to Full Saturation
Channel 13	See Fan Control Table			<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 14			Reserved			
Channel 15			Reserved			
Channel 16			Reserved			

## S09: RGBW 16 Bit

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Upper Lower					
Channel 1 Channel 2	0-65535	0-100	Dimmer	0 / 0	Off -> On
Channel 3 Channel 4	0-65535	0-100	Red Intensity	65535 / 100	
Channel 5 Channel 6	0-65535	0-100	Green Intensity	65535 / 100	
Channel 7 Channel 8	0-65535	0-100	Blue Intensity	65535 / 100	
Channel 9 Channel 10	0-65535	0-100	White Intensity	65535 / 100	CCT locked to 2800K when dmx controlled
Channel 11	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 12			Reserved		
Channel 13			Reserved		
Channel 14			Reserved		

## S10: HSI 16 Bit

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Upper Lower					
Channel 1 Channel 2	0-65535	0-100	Dimmer	0 / 0	Off -> On
Channel 3 Channel 4	0-65535	0-100	HUE	0 / 0	0 to 359 Degrees
Channel 5 Channel 6	0-65535	0-100	Saturation	0 / 0	0 to Full Saturation
Channel 7	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 8			Reserved		
Channel 9			Reserved		
Channel 10			Reserved		

## S11: CCT & RGBW Coarse/Fine

Each of the 256 coarse steps is divided in 256 fine steps. Use this mode when your lighting control source does not support true 16 bit resolution.

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2			Dimmer Fine	0 / 0	
Channel 3			CCT Coarse (2800K-10000K)	14 / 3200K	
Channel 4		0-100	CCT Fine	0 / 0	0 - 206K range
Channel 5	See Green Offset Table		Green Offset		See Green Offset Table
Channel 6	0-255	0-100	Cross-Fade (White to RGB)	0 / 0	
Channel 7	0-255	0-100	Red Intensity Coarse	255 / 100	
Channel 8	0-255	0-100	Red Intensity Fine	0 / 0	
Channel 9	0-255	0-100	Green Intensity Coarse	255 / 100	
Channel 10	0-255	0-100	Green Intensity Fine	0 / 0	
Channel 11	0-255	0-100	Blue Intensity Coarse	255 / 100	
Channel 12	0-255	0-100	Blue Intensity Fine	0 / 0	
Channel 13	0-255	0-100	White Intensity Coarse	255 / 100	
Channel 14	0-255	0-100	White Intensity Fine	0 / 0	
Channel 15	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 16			Reserved		
Channel 17			Reserved		
Channel 18			Reserved		

## S12: CCT Coarse/Fine

Each of the 256 coarse steps is divided in 256 fine steps. Use this mode when your lighting control source does not support true 16 bit resolution.

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2		0-100	Dimmer Fine	0 / 0	
Channel 3			CCT Coarse (2800K-10000K)	14 / 3200K	
Channel 4		0-100	CCT Fine	0 / 0	
Channel 5	See Green Offset Table		Green Offset		See Green Offset Table
Channel 6	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 7			Reserved		
Channel 8			Reserved		
Channel 9			Reserved		

## S13: CCT & HSI Coarse/Fine

Each of the 256 coarse steps is divided in 256 fine steps. Use this mode when your lighting control source does not support true 16 bit resolution.

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2		0-100	Dimmer Fine	0 / 0	
Channel 3			CCT Coarse (2800K-10000K)	14 / 3200K	
Channel 4		0-100	CCT Fine	0 / 0	
Channel 5	See Green Offset Table		Green Offset		See Green Offset Table
Channel 6	0-255	0-100	Cross-Fade (White to RGB)	0 / 0	
Channel 7	0-255	0-100	HUE Coarse	0 / 0	0 to 359 Degrees
Channel 8	0-255	0-100	Hue Fine	0 / 0	
Channel 9	0-255	0-100	Saturation Coarse	0 / 0	0 to Full Saturation
Channel 10	0-255	0-100	Saturation Fine	0 / 0	
Channel 11	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 12	0-255	0-100	Reserved		
Channel 13	0-255	0-100	Reserved		
Channel 14	0-255	0-100	Reserved		

## S14: RGBW Coarse/Fine

Each of the 256 coarse steps is divided in 256 fine steps. Use this mode when your lighting control source does not support true 16 bit resolution.

<u>Channel</u>	<u>Value</u>	<u>%</u>	<u>Function</u>	<u>Defaults (DMX / %)</u>	<u>Notes</u>
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2		0-100	Dimmer Fine	0 / 0	
Channel 3			Red Intensity Coarse	255 / 100	
Channel 4		0-100	Red Intensity Fine	0 / 0	
Channel 5			Green Intensity Coarse	255 / 100	
Channel 6	0-255	0-100	Green Intensity Fine	0 / 0	
Channel 7	0-255	0-100	Blue Intensity Coarse	255 / 100	
Channel 8	0-255	0-100	Blue Intensity Fine	0 / 0	
Channel 9	0-255	0-100	White Intensity Coarse	255 / 100	CCT locked to 2800K when dmx controlled
Channel 10	0-255	0-100	White Intensity Fine	0 / 0	
Channel 11	See Fan Control Table		DMX Fan Control	0 / 0	See Fan Control Table
Channel 12	0-255	0-100	Reserved		
Channel 13	0-255	0-100	Reserved		
Channel 14	0-255	0-100	Reserved		

## S15: HSI Coarse/Fine

Each of the 256 coarse steps is divided in 256 fine steps. Use this mode when your lighting control source does not support true 16 bit resolution.

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 2		0-100	Dimmer Fine	0 / 0	
Channel 3			HUE Coarse	0 / 0	0 to 359 Degrees
Channel 4		0-100	Hue Fine	0 / 0	
Channel 5			Saturation Coarse	0 / 0	0 to Full Saturation
Channel 6	0-255	0-100	Saturation Fine	0 / 0	
Channel 7	See Fan Control Table		<u>DMX Fan Control</u>	0 / 0	See Fan Control Table
Channel 8	0-255	0-100	Reserved		
Channel 9	0-255	0-100	Reserved		
Channel 10	0-255	0-100	Reserved		

## S16: Supreme 8 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes
Channel 1	0-255	0-100	Dimmer	0 / 0	Off -> On
	0 - 9	0 - 4	Color Mode Selection		
	10 - 19	5 - 7	CCT & +/- Green		
	20 - 29	8 - 11	HSI		
Channel 2	30 - 39	12 - 16	CCT & RGBW	0 / 0	
	40 - 49	17 - 19	Gel Selection		
	50 - 59	20 - 23	x,y Coordinate		
	60 - 69	24 - 27	Effects		
	70 - 255	28 - 100	Reserved		
Channel 3	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #1</u>	0 / 0	See Supreme Mode Table
Channel 4	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #2</u>	0 / 0	See Supreme Mode Table
Channel 5	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #3</u>	0 / 0	See Supreme Mode Table
Channel 6	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #4</u>	0 / 0	See Supreme Mode Table
Channel 7	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #5</u>	0 / 0	See Supreme Mode Table
Channel 8	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #6</u>	0 / 0	See Supreme Mode Table
Channel 9	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #7</u>	0 / 0	See Supreme Mode Table
Channel 10	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #8</u>	0 / 0	See Supreme Mode Table
Channel 11	0-255	0-100	Crossfade to Color	0 / 0	
Channel 12			Reserved		
Channel 13			Reserved		
Channel 14			Reserved		
Channel 15			Reserved		
Channel 16			Reserved		
Channel 17			Reserved		
Channel 18			Reserved		
Channel 19			Reserved		
Channel 20			Reserved		



## S17: Supreme 16 Bit

Channel	Value	%	Function	Defaults (DMX / %)	Notes	
Upper Channel 1	Lower Channel 2	0-255	0-100	Dimmer	0 / 0	Off -> On
Channel 3		0 - 9	0 - 4	Color Mode Selection	0 / 0	
		10 - 19	5 - 7	CCT & +/- Green		
		20 - 29	8 - 11	H S I		
		30 - 39	12 - 16	CCT & RGBW		
		40 - 49	17 - 19	CCT & HSI		
		50 - 59	20 - 23	Gel Selection**		
		60 - 69	24 - 27	x,y Coordinate		
	70 - 255	28 - 100	Effects** Reserved			
Channel 4	Channel 5	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #1</u>	0 / 0	See Supreme Mode Table
Channel 6	Channel 7	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #2</u>	0 / 0	See Supreme Mode Table
Channel 8	Channel 9	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #3</u>	0 / 0	See Supreme Mode Table
Channel 10	Channel 11	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #4</u>	0 / 0	See Supreme Mode Table
Channel 12	Channel 13	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #5</u>	0 / 0	See Supreme Mode Table
Channel 14	Channel 15	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #6</u>	0 / 0	See Supreme Mode Table
Channel 16	Channel 17	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #7</u>	0 / 0	See Supreme Mode Table
Channel 18	Channel 19	See Supreme Mode Table	See Supreme Mode Table	<u>Supreme Parameter #8</u>	0 / 0	See Supreme Mode Table
Channel 20	Channel 21	0-65535	0-100	Cross-Fade (White to Color)	0 / 0	
Channel 22				Reserved		
Channel 23	Channel 24			Reserved		
Channel 25	Channel 26			Reserved		
Channel 27	Channel 28			Reserved		
Channel 29	Channel 30			Reserved		
Channel 31	Channel 32			Reserved		
Channel 33	Channel 34			Reserved		
Channel 35	Channel 36			Reserved		
Channel 37	Channel 38			Reserved		

Note: \*\*GEL and \*\*Effects Modes are incorrectly mapped to 8-bit faders. Will be fixed in next firmware release.

## Gel Select V2 Detail Chart

DMX Start	DMX End	Manufacturer	Type	Category	Gel Number	Description
0	1	Rosco	R Color Correction	1	R3202	Full CTB
2	3	Rosco	R Color Correction	1	R3203	3/4 CTB
4	5	Rosco	R Color Correction	1	R3204	1/2 CTB
6	7	Rosco	R Color Correction	1	R3206	Third Blue CTB
8	9	Rosco	R Color Correction	1	R3208	1/4 CTB
10	11	Rosco	R Color Correction	1	R3216	Eighth Blue CTB
12	13	Rosco	R Color Correction	1	R3220	Double Blue CTB
14	15	Rosco	R Color Correction	1	R3304	Tough +GRN
16	17	Rosco	R Color Correction	1	R3407	RS CTO
18	19	Rosco	R Color Correction	1	R3408	RS 1/2 CTO
20	21	Rosco	R Color Correction	1	R3409	RS 1/4 CTO
22	23	Rosco	R Color Correction	1	R3411	RS 3/4 CTO
24	25	Rosco	R Color Correction	1	R3410	RS 1/8 CTO
26	27	Rosco	R Color Correction	1	R3420	RS Double CTO
28	29	Rosco	R Color Correction	1	R3441	Full Straw CTS
30	31	Rosco	R Color Correction	1	R3442	Half Straw 1/2 CTS
32	33	Rosco	R Color Correction	1	R3443	Quarter Straw 1/4 CTS
34	35	Rosco	R Color Correction	1	R3444	Eighth Straw 1/8 CTS
36	37	Rosco	R Color Correction	1	R3304	Full +GRN
38	39	Rosco	R Color Correction	1	R3315	1/2 +GRN
40	41	Rosco	R Color Correction	1	R3316	1/4 +GRN
42	43	Rosco	R Color Correction	1	R3317	1/8 +GRN
44	45	Rosco	R Color Correction	1	R3308	-GRN
46	47	Rosco	R Color Correction	1	R3309	3/4 -GRN
48	49	Rosco	R Color Correction	1	R3313	1/2 -GRN
50	51	Rosco	R Color Correction	1	R3314	1/4 -GRN
52	53	Rosco	R Color Correction	1	R3318	1/8 -GRN
54	55	Rosco	R Color Correction	1	R3310	Fluorofilter
56	57	Rosco	R Color Correction	1	R3107	Y1
58	59	Rosco	R Color Correction	1	R3134	MT 54
60	61	Rosco	R Color Correction	1	R3106	MTY
62	63	Rosco	R Color Correction	1	R3102	MT2
64	65	Rosco	R Color Correction	1	R3150	Industrial Vapor
66	67	Rosco	R Color Correction	1	R3152	Urban Vapor

0	1	Rosco	R 4000 Series	2	R4215	15 Blue
2	3	Rosco	R 4000 Series	2	R4230	30 Blue
4	5	Rosco	R 4000 Series	2	R4260	60 Blue
6	7	Rosco	R 4000 Series	2	R4290	90 Blue
8	9	Rosco	R 4000 Series	2	R4307	7.5 Cyan
10	11	Rosco	R 4000 Series	2	R4315	15 Cyan
12	13	Rosco	R 4000 Series	2	R4330	30 Cyan
14	15	Rosco	R 4000 Series	2	R4360	60 Cyan
16	17	Rosco	R 4000 Series	2	R4390	90 Cyan
18	19	Rosco	R 4000 Series	2	R4415	15 Green
20	21	Rosco	R 4000 Series	2	R4430	30 Green
22	23	Rosco	R 4000 Series	2	R4460	60 Green
24	25	Rosco	R 4000 Series	2	R4490	90 Green
26	27	Rosco	R 4000 Series	2	R4515	15 Yellow
28	29	Rosco	R 4000 Series	2	R4530	30 Yellow

30	31	Rosco	R 4000 Series	2	R4560	60 Yellow
32	33	Rosco	R 4000 Series	2	R4590	90 Yellow
34	35	Rosco	R 4000 Series	2	R4615	15 Red
36	37	Rosco	R 4000 Series	2	R4630	30 Red
38	39	Rosco	R 4000 Series	2	R4660	60 Red
40	41	Rosco	R 4000 Series	2	R4690	90 Red
42	43	Rosco	R 4000 Series	2	R4715	15 Magenta
44	45	Rosco	R 4000 Series	2	R4730	30 Magenta
46	47	Rosco	R 4000 Series	2	R4760	60 Magenta
48	49	Rosco	R 4000 Series	2	R4790	90 Magenta
50	51	Rosco	R 4000 Series	2	R4815	15 Pink
52	53	Rosco	R 4000 Series	2	R4830	30 Pink
54	55	Rosco	R 4000 Series	2	R4860	60 Pink
56	57	Rosco	R 4000 Series	2	R4890	90 Pink
58	59	Rosco	R 4000 Series	2	R4915	15 Lavender
60	61	Rosco	R 4000 Series	2	R4930	30 Lavender
62	63	Rosco	R 4000 Series	2	R4960	60 Lavender
64	65	Rosco	R 4000 Series	2	R4990	90 Lavender

0	1	Rosco	R 2000 Series	3	R2001	Red
2	3	Rosco	R 2000 Series	3	R2002	Orange
4	5	Rosco	R 2000 Series	3	R2003	Yellow
6	7	Rosco	R 2000 Series	3	R2004	Green
8	9	Rosco	R 2000 Series	3	R2005	Cyan
10	11	Rosco	R 2000 Series	3	R2006	Azure
12	13	Rosco	R 2000 Series	3	R2007	Blue
14	15	Rosco	R 2000 Series	3	R2008	Indigo
16	17	Rosco	R 2000 Series	3	R2009	Violet
18	19	Rosco	R 2000 Series	3	R2010	Magenta

0	1	Rosco	R Cine Series	4	R01	Light Bastard Amber
2	3	Rosco	R Cine Series	4	R02	Bastard Amber
4	5	Rosco	R Cine Series	4	R302	Pale Bastard Amber
6	7	Rosco	R Cine Series	4	R06	No Color Straw
8	9	Rosco	R Cine Series	4	R08	Pale Gold
10	11	Rosco	R Cine Series	4	R09	Pale Amber Gold
12	13	Rosco	R Cine Series	4	R310	Daffodil
14	15	Rosco	R Cine Series	4	R12	Straw
16	17	Rosco	R Cine Series	4	R316	Gallo Gold
18	19	Rosco	R Cine Series	4	R16	Light Amber
20	21	Rosco	R Cine Series	4	R17	Light Flame
22	23	Rosco	R Cine Series	4	R18	Flame
24	25	Rosco	R Cine Series	4	R19	Fire
26	27	Rosco	R Cine Series	4	R318	Mayan Sun
28	29	Rosco	R Cine Series	4	R20	Medium Amber
30	31	Rosco	R Cine Series	4	R21	Golden Amber
32	33	Rosco	R Cine Series	4	R23	Orange
34	35	Rosco	R Cine Series	4	R24	Scarlet
36	37	Rosco	R Cine Series	4	R26	Light Red
38	39	Rosco	R Cine Series	4	R325	Henna Sky
40	41	Rosco	R Cine Series	4	R333	Blush Pink
42	43	Rosco	R Cine Series	4	R31	Salmon Pink
44	45	Rosco	R Cine Series	4	R33	No Color Pink

46	47	Rosco	R Cine Series	4	R36	Medium Pink
48	49	Rosco	R Cine Series	4	R37	Pale Rose Pink
50	51	Rosco	R Cine Series	4	R40	Light Salmon
52	53	Rosco	R Cine Series	4	R41	Salmon
54	55	Rosco	R Cine Series	4	R42	Deep Salmon
56	57	Rosco	R Cine Series	4	R44	Middle Rose
58	59	Rosco	R Cine Series	4	R45	Rose
60	61	Rosco	R Cine Series	4	R47	Light Rose Purple
62	63	Rosco	R Cine Series	4	R51	Surprise Pink
64	65	Rosco	R Cine Series	4	R54	Special Lavender
66	67	Rosco	R Cine Series	4	R57	Lavender
68	69	Rosco	R Cine Series	4	R355	Pale Violet
70	71	Rosco	R Cine Series	4	R60	No Color Blue
72	73	Rosco	R Cine Series	4	R360	Clearwater
74	75	Rosco	R Cine Series	4	R62	Booster Blue
76	77	Rosco	R Cine Series	4	R63	Pale Blue
78	79	Rosco	R Cine Series	4	R362	Tipton Blue
80	81	Rosco	R Cine Series	4	R364	Blue Bell
82	83	Rosco	R Cine Series	4	R65	Daylight Blue
84	85	Rosco	R Cine Series	4	R67	Light Sky Blue
86	87	Rosco	R Cine Series	4	R68	Parry Sky Blue
88	89	Rosco	R Cine Series	4	R70	Nile Blue
90	91	Rosco	R Cine Series	4	R365	Tharon Delft Blue
92	93	Rosco	R Cine Series	4	R375	Cerulean Blue
94	95	Rosco	R Cine Series	4	R376	Bermuda Blue
96	97	Rosco	R Cine Series	4	R76	Light Green Blue
98	99	Rosco	R Cine Series	4	R77	Green Blue
100	101	Rosco	R Cine Series	4	R378	Alice Blue
102	103	Rosco	R Cine Series	4	R80	Primary Blue
104	105	Rosco	R Cine Series	4	R381	Baldassari Blue
106	107	Rosco	R Cine Series	4	R83	Medium Blue
108	109	Rosco	R Cine Series	4	R85	Deep Blue
110	111	Rosco	R Cine Series	4	R86	Pea Green
112	113	Rosco	R Cine Series	4	R87	Pale Yellow Green
114	115	Rosco	R Cine Series	4	R88	Light Green
116	117	Rosco	R Cine Series	4	R89	Moss Green
118	119	Rosco	R Cine Series	4	R90	Dark Yellow Green
120	121	Rosco	R Cine Series	4	R91	Primary Green
122	123	Rosco	R Cine Series	4	R92	Turquoise
124	125	Rosco	R Cine Series	4	R93	Blue Green
126	127	Rosco	R Cine Series	4	R95	Medium Blue Green
128	129	Rosco	R Cine Series	4	R99	Chocolate
130	131	Rosco	R Cine Series	4	E213	White Flame Green
132	133	Rosco	R Cine Series	4	E730	Liberty Green

0	1	Lee	L Color Correction	1	200	Double CTB
2	3	Lee	L Color Correction	1	283	1 1/2 CTB
4	5	Lee	L Color Correction	1	201	Full CTB
6	7	Lee	L Color Correction	1	281	3/4 CTB
8	9	Lee	L Color Correction	1	202	1/2 CTB
10	11	Lee	L Color Correction	1	203	1/4 CTB
12	13	Lee	L Color Correction	1	218	1/8 CTB
14	15	Lee	L Color Correction	1	287	Double CTO

16	17	Lee	L Color Correction	1	286	1 1/2 CTO
18	19	Lee	L Color Correction	1	204	Full CTO
20	21	Lee	L Color Correction	1	207	Full CTO + 0.3 ND
22	23	Lee	L Color Correction	1	208	Fully CTO + 0.6 ND
24	25	Lee	L Color Correction	1	285	3/4 CTO
26	27	Lee	L Color Correction	1	205	1/2 CTO
28	29	Lee	L Color Correction	1	206	1/4 CTO
30	31	Lee	L Color Correction	1	223	1/8 CTO
32	33	Lee	L Color Correction	1	441	Full CTS
34	35	Lee	L Color Correction	1	442	1/2 CTS
36	37	Lee	L Color Correction	1	443	1/4 CTS
38	39	Lee	L Color Correction	1	444	1/8 CTS
40	41	Lee	L Color Correction	1	212	L.C.T. Yellow (Y1)
42	43	Lee	L Color Correction	1	219	Lee Fluorescent Green
44	45	Lee	L Color Correction	1	230	Super Corr L.C.T. Yellow
46	47	Lee	L Color Correction	1	232	Super Corr W.F. Green
48	49	Lee	L Color Correction	1	236	H.M.I. (to Tungsten)
50	51	Lee	L Color Correction	1	237	C.I.D. (to Tungsten)
52	53	Lee	L Color Correction	1	238	C.S.I. (to Tungsten)
54	55	Lee	L Color Correction	1	241	Lee Fluorescent 5700K
56	57	Lee	L Color Correction	1	242	Lee Fluorescent 4300K
58	59	Lee	L Color Correction	1	243	Lee Fluorescent 3600K
60	61	Lee	L Color Correction	1	244	Lee Plus Green
62	63	Lee	L Color Correction	1	245	1/2 Plus Green
64	65	Lee	L Color Correction	1	246	1/4 Plus Green
66	67	Lee	L Color Correction	1	278	1/8 Plus Green
68	69	Lee	L Color Correction	1	247	Lee Minus Green
70	71	Lee	L Color Correction	1	248	1/2 Minus Green
72	73	Lee	L Color Correction	1	249	1/4 Minus Green
74	75	Lee	L Color Correction	1	279	1/8 Minus Green
76	77	Lee	L Color Correction	1	130	Clear
0	1	Lee	L Color Filters	2	2	Rose Pink
2	3	Lee	L Color Filters	2	3	Lavender Tint
4	5	Lee	L Color Filters	2	4	Medium Bastard Amber
6	7	Lee	L Color Filters	2	7	Pale Yellow
8	9	Lee	L Color Filters	2	8	Dark Salmon
10	11	Lee	L Color Filters	2	9	Pale Amber Gold
12	13	Lee	L Color Filters	2	10	Medium Yellow
14	15	Lee	L Color Filters	2	13	Straw Tint
16	17	Lee	L Color Filters	2	17	Surprise Peach
18	19	Lee	L Color Filters	2	19	Fire
20	21	Lee	L Color Filters	2	20	Medium Amber
22	23	Lee	L Color Filters	2	21	Gold Amber
24	25	Lee	L Color Filters	2	22	Dark Amber
26	27	Lee	L Color Filters	2	24	Scarlet
28	29	Lee	L Color Filters	2	25	Sunset Red
30	31	Lee	L Color Filters	2	26	Bright Red
32	33	Lee	L Color Filters	2	35	Light Pink
34	35	Lee	L Color Filters	2	36	Medium Pink
36	37	Lee	L Color Filters	2	46	Dark Magenta
38	39	Lee	L Color Filters	2	48	Rose Purple
40	41	Lee	L Color Filters	2	52	Light Lavender

42	43	Lee	L Color Filters	2	WL03	Ode to Wendy
44	45	Lee	L Color Filters	2	53	Paler Lavender
46	47	Lee	L Color Filters	2	58	Lavender
48	49	Lee	L Color Filters	2	61	Mist Blue
50	51	SB	L Color Filters	2	1	DGR Blue
52	53	Lee	L Color Filters	2	63	Pale Blue
54	55	Lee	L Color Filters	2	68	Sky Blue
56	57	Lee	L Color Filters	2	71	Tokyo Blue
58	59	MA	L Color Filters	2	8	Marcus Blue
60	61	Lee	L Color Filters	2	75	Evening Blue
62	63	Lee	L Color Filters	2	79	Just Blue
64	65	Lee	L Color Filters	2	85	Deeper Blue
66	67	Lee	L Color Filters	2	88	Lime Green
68	69	JR	L Color Filters	2	1	Lucky Green
70	71	Lee	L Color Filters	2	89	Moss Green
72	73	Lee	L Color Filters	2	90	Dark Yellow Green
74	75	Lee	L Color Filters	2	100	Spring Yellow
76	77	Lee	L Color Filters	2	101	Yellow
78	79	Lee	L Color Filters	2	102	Light Amber
80	81	Lee	L Color Filters	2	103	Straw
82	83	Lee	L Color Filters	2	104	Deep Amber
84	85	Lee	L Color Filters	2	AJ01	Brrice Orange
86	87	Lee	L Color Filters	2	106	Primary Red
88	89	Lee	L Color Filters	2	107	Light Rose
90	91	Lee	L Color Filters	2	108	English Rose
92	93	Lee	L Color Filters	2	109	Light Salmon
94	95	Lee	L Color Filters	2	110	Middle Rose
96	97	Lee	L Color Filters	2	111	Dark Pink
98	99	Lee	L Color Filters	2	113	Magenta
100	101	Lee	L Color Filters	2	115	Peacock Blue
102	103	Lee	L Color Filters	2	116	Medium Blue-Green
104	105	Lee	L Color Filters	2	117	Steel Blue
106	107	Lee	L Color Filters	2	118	Light Blue
108	109	Lee	L Color Filters	2	120	Deep Blue
110	111	Lee	L Color Filters	2	121	L Green
112	113	Lee	L Color Filters	2	122	Fern Green
114	115	Lee	L Color Filters	2	124	Dark Green
116	117	Lee	L Color Filters	2	127	Smokey Pink
118	119	Lee	L Color Filters	2	128	Bright Pink
120	121	Lee	L Color Filters	2	131	Marine Blue
122	123	Lee	L Color Filters	2	134	Golden Amber
124	125	Lee	L Color Filters	2	135	Deep Golden Amber
126	127	Lee	L Color Filters	2	136	Pale Lavender
128	129	Lee	L Color Filters	2	137	Special Lavender
130	131	Lee	L Color Filters	2	138	Pale Green
132	133	Lee	L Color Filters	2	140	Summer Blue
134	135	Lee	L Color Filters	2	142	Pale Violet
136	137	Lee	L Color Filters	2	143	Pale Navy Blue
138	139	Lee	L Color Filters	2	144	No Color Blue
140	141	Lee	L Color Filters	2	147	Apricot
142	143	Lee	L Color Filters	2	148	Bright Rose
144	145	Lee	L Color Filters	2	151	Gold Tint
146	147	Lee	L Color Filters	2	152	Pale Gold

148	149	Lee	L Color Filters	2	153	Pale Salmon
150	151	Lee	L Color Filters	2	154	Pale Rose Pink
152	153	Lee	L Color Filters	2	156	Chocolate
154	155	Lee	L Color Filters	2	157	Pink
156	157	Lee	L Color Filters	2	159	No Color Straw
158	159	Lee	L Color Filters	2	161	Slate Blue
160	161	Lee	L Color Filters	2	162	Bastard Amber
162	163	Lee	L Color Filters	2	164	Flame Red
164	165	Lee	L Color Filters	2	165	Daylight Blue
166	167	Lee	L Color Filters	2	169	Lilac Tint
168	169	Lee	L Color Filters	2	170	Deep Lavender
170	171	Lee	L Color Filters	2	174	Dark Steel Blue
172	173	Lee	L Color Filters	2	176	Loving Amber
174	175	Lee	L Color Filters	2	180	Dark Lavender
176	177	Lee	L Color Filters	2	182	Light Red
178	179	Lee	L Color Filters	2	192	Flesh Pink
180	181	Lee	L Color Filters	2	194	Surprise Pink
182	183	Lee	L Color Filters	2	195	Zenith Blue
184	185	Lee	L Color Filters	2	196	True Blue
186	187	Lee	L Color Filters	2	197	Alice Blue
188	189	Lee	L Color Filters	2	198	Palace Blue
190	191	Lee	L Color Filters	2	199	Regal Blue

0	1	Lee	L 600 Series	3	600	Arctic White
2	3	Lee	L 600 Series	3	601	Silver
4	5	Lee	L 600 Series	3	602	Platinum
6	7	Lee	L 600 Series	3	603	Moonlight White
8	9	Lee	L 600 Series	3	604	Full CT85
10	11	Lee	L 600 Series	3	650	Industry Sodium
12	13	Lee	L 600 Series	3	651	HI Sodium
14	15	Lee	L 600 Series	3	652	Urban Sodium
16	17	Lee	L 600 Series	3	653	LO Sodium

0	1	Lee	L Cosmetic Filters	4	184	Cosmetic Peach
2	3	Lee	L Cosmetic Filters	4	186	Cosmetic Silver Rose
4	5	Lee	L Cosmetic Filters	4	187	Cosmetic Rouge
6	7	Lee	L Cosmetic Filters	4	188	Cosmetic Highlight
8	9	Lee	L Cosmetic Filters	4	189	Cosmetic Silver Moss
10	11	Lee	L Cosmetic Filters	4	191	Cosmetic Aqua Blue
12	13	Lee	L Cosmetic Filters	4	705	Lily Frost
14	15	Lee	L Cosmetic Filters	4	717	Shanklin Frost
16	17	Lee	L Cosmetic Filters	4	718	Half Shanklin Frost
18	19	Lee	L Cosmetic Filters	4	720	Durham Daylight Frost
18	19	Lee	L Cosmetic Filters	4	749	Hampshire Rose
20	21	Lee	L Cosmetic Filters	4	774	Soft Amber Key 1
22	23	Lee	L Cosmetic Filters	4	775	Soft Amber Key 2
24	25	Lee	L Cosmetic Filters	4	791	Moroccan Frost

0	1	Lee	L 700 Series	5	700	Perfect Lavender
2	3	Lee	L 700 Series	5	701	Provence
4	5	Lee	L 700 Series	5	702	Special Pale Lavender
6	7	Lee	L 700 Series	5	703	Cold Lavender
8	9	Lee	L 700 Series	5	704	Lily

10	11	Lee	L 700 Series	5	706	King Fals Lavender
12	13	Lee	L 700 Series	5	708	Cool Lavender
14	15	Lee	L 700 Series	5	709	Electric Lilac
16	17	Lee	L 700 Series	5	710	Spir Special Blue
18	19	Lee	L 700 Series	5	711	Cold Blue
20	21	Lee	L 700 Series	5	712	Bedford Blue
22	23	Lee	L 700 Series	5	713	J. Winter Blue
24	25	Lee	L 700 Series	5	714	Elysian Blue
26	27	Lee	L 700 Series	5	715	Cabana Blue
28	29	Lee	L 700 Series	5	716	Mikkel Blue
30	31	Lee	L 700 Series	5	719	Colour Wash Blue
32	33	Lee	L 700 Series	5	721	Berry Blue
34	35	Lee	L 700 Series	5	723	Virgin Blue
36	37	Lee	L 700 Series	5	724	Ocean Blue
38	39	Lee	L 700 Series	5	725	Old Steel Blue
40	41	Lee	L 700 Series	5	728	Steel Green
42	43	Lee	L 700 Series	5	730	Liberty Green
44	45	Lee	L 700 Series	5	731	Dirty Ice
46	47	Lee	L 700 Series	5	733	Damp Squib
48	49	Lee	L 700 Series	5	738	JAS Green
50	51	Lee	L 700 Series	5	740	Aurora Borealis Green
52	53	Lee	L 700 Series	5	742	Bram Brown
54	55	Lee	L 700 Series	5	744	Dirty White
56	57	Lee	L 700 Series	5	747	Easy White
58	59	Lee	L 700 Series	5	748	Seedy Pink
60	61	Lee	L 700 Series	5	763	Wheat
62	63	Lee	L 700 Series	5	764	Sun Colour Straw
64	65	Lee	L 700 Series	5	765	Lee Yellow
66	67	Lee	L 700 Series	5	773	Cardbox Amber
68	69	Lee	L 700 Series	5	776	Nectarine
70	71	Lee	L 700 Series	5	778	Millennium Gold
72	73	Lee	L 700 Series	5	779	Bastard Pink
74	75	Lee	L 700 Series	5	781	Terry Red
76	77	Lee	L 700 Series	5	789	Blood Red
78	79	Lee	L 700 Series	5	790	Moroccan Pink
80	81	Lee	L 700 Series	5	794	Pretty 'n Pink
82	83	Lee	L 700 Series	5	795	Magical Magenta

End of Gel List



## DMX Effects Parameters

**(Effects Run in Looped Mode)**

EFFECT	PARM1	PARM2	PARM3	PARM4	PARM5	Notes
<b>EMERGENCY!</b>	<b># of Pulses</b> 0-20% (0-50) = 1 21-40% (51-101) = 2 41-60% (102-153) = 3 61-80% (154-203) = 4 81-100% (204-255) = 5	<b>Colors</b> 0-13% (0-36) = Blue 14-28% (37-73) = Red 29-42% (74-109) = Amber 43-56% (110-145) = Blue+Red 57-71% (146-181) = Blue+Amber 72-85% (182-217) = Blue+White 86-100% (218-255) = Blue+Red+WH	Reserved	Reserved	Reserved	
<b>FIRE</b>	<b>HUE</b> 0%(0) = 0 Deg 100%(255) = 359 Deg	<b>SATuration</b> 0%(0) = No SAT 100%(255) = Full SAT	<b>Rate</b> 0%(0) = Slow 100%(255) = Fast	<b>Depth</b> 0%(0) = Shallow 100%(255) = Deep	<b>Color Mix</b> 0-24%(0-63) = 1 Color 25-49%(64-127) = Narrow 50-74%(128-191) = Medium 75-100%(192-255) = Wide	
<b>FIREWORKS</b>	<b>Frequency</b> 0%(0) = Sparse 100%(255) = Frequent	<b>Colors</b> 0-20% (0-50) = RWB 21-40% (51-101) = RGB 41-60% (102-153) = 6 CLR 61-80% (154-203) = 12 CLR 81-100% (204-255) = Random	<b>Decay</b> 0-33%(0-85) = Short 34-66%(86-170) = Med 67-100%(171-255) = Long	Reserved	Reserved	
<b>HUE BURST</b>	<b>HUE</b> 0%(0) = 0 Deg 100%(255) = 359 Deg	<b>SATuration</b> 0%(0) = No SAT 100%(255) = Full SAT	<b>Gap Between Pulses</b> 0%(0) = 36mSec 100%(255) = 400mSec <i>(When Pulse Qty &gt; 1)</i>	<b>Rest for Loop</b> 0%(0) = 50mSec 100%(255) = 5000mSec	<b>Pulse Qty</b> 0%(0) = 1 100%(255) = 16	Set to Loop Mode from Fixture Prior to using DMX
<b>LITE-NING</b>	<b>Rate</b> 1%(0) = Slowest 100%(255) = Fastest	<b>CCT</b> 0%(0) = 2700K 100%(255) = 10000K	Reserved	Reserved	Reserved	Max CCT changed to 10000K
<b>PAPARAZZI</b>	<b>Frequency</b> 0%(0) = Sparse 100%(255) = Frequent	<b>CCT</b> 0%(0) = 2700K 100%(255) = 10000K	<b>Flash Type</b> 0-24% = 50mSec 25-49% = 100mSec 50-74% = 150mSec 75-100% = Bulb	Reserved	Reserved	Max CCT changed to 10000K
<b>PARTY LITES</b>	<b>Rate</b> 0%(0) = Slowest 100%(255) = Fastest	<b>Type</b> 0-33%(0-85) = Pulsing 34-66%(86-170) = Chase 67-100%(171-255) = Blend	<b>Colors</b> 0-19%(0-50) = Red, WH, Blue 20-39%(51-101) = Red, Green, Blue 40-60%(102-153) = 6 Color 61-79%(154-203) = 12 Color 80-100%(204-255) = Random	Reserved	Reserved	
<b>PULSING</b>	<b>HUE</b> 0%(0) = 0 Deg 100%(255) = 359 Deg	<b>SATuration</b> 0%(0) = No SAT 100%(255) = Full SAT	<b>Ramp Time</b> 16ms(0) = Fastest Ramp U/D 200ms(255) = Slowest Ramp U/D Range = 16ms - 200ms	<b>On Time</b> 0%(0) = 5mSec 100%(255) = 1000mSec	<b>Rest for Loop</b> 0%(0) = 5mSec 100%(255) = 1000mSec	
<b>SQUARES</b>	<b>HUE</b> 0%(0) = 0 Deg 100%(255) = 359 Deg	<b>SATuration</b> 0%(0) = No SAT 100%(255) = Full SAT	<b>On Time</b> 0%(0) = 30mSec 100%(255) = 5000mSec	<b>Off Time</b> 0%(0) = 30mSec 100%(255) = 5000mSec	<b>Bias</b> 0%(0) = 0% Bias 100%(255) = 100% Bias	
<b>STROBE</b>	<b>HUE</b> 0%(0) = 0 Deg 100%(255) = 359 Deg	<b>SATuration</b> 0%(0) = No SAT 100%(255) = Full SAT	<b>Freq</b> 0%(0) = 30 RPM 100%(255) = 1000 RPM	<b>Duty Cycle</b> 0%(0) = 0% Duty 100%(255) = 100% Duty	<b>Bias</b> 0%(0) = 0% Bias 100%(255) = 100% Bias	
<b>TV/MONITOR</b>	<b>Rate</b> 0%(0) = Slowest 100%(255) = Fastest	<b>Motion</b> 0%(0) = Least Motion 100%(255) = Most Motion	<b>RANGE</b> 0-33%(0-85) = Small 34-66%(86-170) = Medium 67-100%(171-255) = Large	<b>CCT</b> 0-33%(0-85) = Warm 34-66%(86-170) = Neutral 67-100%(171-255) = Cool	Reserved	

## FX Type Table (Profile 40)

Channel	Function	DMX Value	Percentage (%)	Description	Default % / DMX
#	FX Type	0 - 51	0 - 20	Effects OFF	0 / 0
		52 - 64	21 - 25	Paparazzi	
		65 - 77	26 - 30	Strobe	
		78 - 90	31 - 35	Fire	
		91 - 102	36 - 40	Emergency Light	
		103 - 113	41 - 45	Fireworks	
		114 - 124	46 - 50	Hue Burst	
		125 - 135	51 - 55	Lite-ning	
		136 - 146	56 - 60	Party Lights	
		147 - 157	61 - 65	Pulsing	
		158 - 168	66 - 70	Squares	
		169 - 179	71 - 75	TV Monitor	
		180 - 255	76 - 100	Future Use	

## Green Table

### 8 Bit Profiles

Function	Value	%	Default DMX / %
<b>Green OffSet</b>			Standard
NO OffSet (0 Green)	0-10	0-4	0 / 0
-100 Green	11-20	5-8	
-99 to -1 Green	21-119	9-47	Continuous
No OffSet (0 Green)	120-145	48-57	133 / 0
+1 to +99 Green	146-244	58-96	
+100 Green	245-255	97-100	

### Continuous Tint

DMX			User %		
Min	Home	Max	Min	Home	Max
20	119	119	-100	-1	-1
133	133	133	0	0	0
146	146	245	1	1	100

### 16 Bit Profiles

Function	Value	%	Default DMX / %
<b>Green OffSet</b>			Standard
NO OffSet (0 Green)	0-5000	0-7	0 / 0
-100 Green	5001-10000	8-15	
-99 to -1 Green	10001-29999	16-46	Continuous
No OffSet (0 Green)	30000-40000	47-61	35000 / 0
+1 to +99 Green	40001-59999	62-92	
+100 Green	60000-65535	93-100	

### Continuous Tint

DMX			User %		
Min	Home	Max	Min	Home	Max
10000	29999	29999	-100	-1	-1
35000	35000	35000	0	0	0
10000	35000	60000	-100	0	100

## Fan Control Table

Function		8-Bit Only Parameter		Notes	Default DMX / %
		Value	%		
<b>DMX Fan Control</b>					
(Enable/Disable DMX Fan Control Option in Menu or via RDM)	Fan Auto	0-63	0-25	Fan On with Full Power	0 / 0
	Fan Delayed	64-127	26-50	Fan On at Hi Temp	
	Fan Max	128-191	51-75	Fan at Maximum	
	Fan Off	192-255	76-100	Speed Power reduced by 50%	

## Mode Control Table

Function	Value	%	Notes	Default DMX / %
<b>Mode</b>				
CCT	0-29	0-11		0 / 0
HSI	30-59	12-23		45 / 18
GEL	60-89	24-34	(Enable/Disable DMX Mode Control Option in Menu or via RDM)	75 / 29
RGBW	90-119	35-47		105 / 41
EFFECTS (Loop Mode)	120-149	48-58		135 / 53
PRESETS TRIGGER	150-179	59-70		165 / 70
XY	180-209	71-82		195 / 77
RESERVED	210-255	83-100		255 / 100

## Supreme Mode Parameters

Color Mode	Parameter	Value 8b	Value 16b	%	Function	Notes	
CCT	1	0-255	0-65535	0-100	<b>CCT Range (2800K-10000K)</b>	8b: dmx 14 = 3200K 16b: dmx 3700 = 3200K	
	2	See Green Offset Table	See Green Offset Table	<u>Green Offset</u>			See Green Offset Table
HSI	1	0-255	0-65535	0-100	<b>HUE</b>	0 to 359 Degrees	
	2	0-255	0-65535	0-100	<b>Saturation</b>	0 to Full Saturation	
CCT & RGBW	1	0-255	0-65535	0-100	<b>CCT (2800K-10000K)</b>	8b: dmx 14 = 3200K 16b: dmx 3700 = 3200K	
	2	See Green Offset Table	See Green Offset Table	<u>Green Offset</u>	See Green Offset Table		
	3	0-255	0-65535	0-100	<b>Red Intensity</b>		
	4	0-255	0-65535	0-100	<b>Green Intensity</b>		
	5	0-255	0-65535	0-100	<b>Blue Intensity</b>		
	6	0-255	0-65535	0-100	<b>White Intensity</b>		
GEL	1	0-127	0 - 32767	0-50	<b>CCT (2700K or 6000K)</b>		
		128-255	32768 - 65535	51-100	Tungsten Source Daylight Source		
	2	0-127	0 - 32767	0-50	<b>MANUFACTURER</b>		
		128-255	32768 - 65535	51-100	R Type Gels L Type Gels		
	3	0-50	0 - 13107	0-20	<b>Category</b>		
		51-101	13108 - 26215	21-39	1	R and L Clr Correction	
		102-152	26216 - 39323	40-60	2	R 4000 Series and L Color Filters	
		153-203	39324 - 52431	61-80	3	R2000 and L600 Series	
		204-255	52432 - 65535	81-100	4	R CINE and L Cosmetic	
	4	See GEL Table	use 8-bit values	See GEL Table	5 <b>Gel Select</b> (See V2 Gel Detail Table)	R CINE & L700 Series See GEL Table	
CCT & HSI	1	0-255	0-65535	0-100	<b>CCT (2800K-MAX)</b>	Gemini 2x1: Max= 10000K Gemini 1x1: Max= 10000K	
	2			<u>Green Offset</u>	See Green Offset Table		
	3	0-255	0-65535	0-100	<b>HUE</b>	0 to 359 Degrees	
	4	0-255	0-65535	0-100	<b>Saturation</b>	0 to Full Saturation	
xy	1	0-255	0-65535	0-100	<b>x Coordinate</b> 0.1000 - 0.8000		
	2	0-255	0-65535	0-100	<b>y Coordinate</b> 0.1000 - 0.8000		
Mode	Parameter	Value 8b	Value 16b	%	Function	Notes	
Effects	1	0-15	0 - 5461	0-6	<b>EFFECTS</b>		
		16-31	5462 - 10923	7-12	Emergency		
		32-47	10924 - 16385	13-19	Fire		
		48-63	16386 - 21847	20-25	Fireworks		
		64-79	21848 - 27309	26-31	HUE Burst		
		80-95	27310 - 32771	32-37	Lite-ning		
		96-111	32772 - 38233	38-43	Paparazzi		
		112-127	38234 - 43695	44-50	Party Lites		
		128-143	43696 - 49157	51-56	Pulsing		
		144-159	49158 - 54619	57-63	Squares		
		160-171	54620 - 60081	64-69	Strobe		
		172-255	60082 - 65535	70-100	TV/Monitor Reserved		
		2	0-255	0-65535	0-100	<b>DMX EFFECTS PARAMETER 1</b>	See Effects Parameters Table
		3	0-255	0-65535	0-100	<b>DMX EFFECTS PARAMETER 2</b>	See Effects Parameters Table
4	0-255	0-65535	0-100	<b>DMX EFFECTS PARAMETER 3</b>	See Effects Parameters Table		
5	0-255	0-65535	0-100	<b>DMX EFFECTS PARAMETER 4</b>	See Effects Parameters Table		
6	0-255	0-65535	0-100	<b>DMX EFFECTS PARAMETER 5</b>	See Effects Parameters Table		

*End of DMX Charts*