TABLE 1. VL2600 PROFILE 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16 Bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Focus High	32767	0-65535	Focus control Default value 50% Focus range
8	Focus Low			
9	Zoom High	32767	0-65535	Zoom control Default value 50% zoom range
10	Zoom Low			
11	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
12	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
13	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
14	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
15	Color Wheel	0	0 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel)
			0 - 15	OPEN (centred at 0)
			16 - 47	Color 1 RED (centred at 32)
			48 - 79	Color 2 Dark Blue (centred at 64)
			80 - 111	Color 3 Yellow (centred at 96)
			112 - 143	Color 4 Kelly Green (centred at 128)
			144 - 175	Color 5 Congo Blue (centred at 160)
			176 - 207	Color 6 Amber (centred at 192)
			208 - 240	Color 7 CTB (centred at 224)
			241 -255	Open
16	Color Wheel Control	0	0 - 255	
			0 - 5	Linear Movement using shortest (quickest) path.
			6 - 10	Linear Movement using normal (longest) path.
			11 - 15	Wheel Spin CW (Forward)
			16 - 20	Wheel Spin STOP
			21 - 25	Wheel Spin CCW (Reverse)
			26 - 56	Color Shake Quickest Path (Slow to Fast) For fastest shake set color timing to 0
			57 - 87	Color Shake Normal Path (Slow to Fast) For fastest shake set color timing to 0
			88 - 255	Reserved Values
17	Gobo Wheel 1	0	0 - 255	8-bit control of Gobo Wheel 1. See Channel 20 for control
			0 - 5	Open - No Gobo
			6 - 10	Gobo 1 (Night Sky) Index
			11 - 15	Gobo 2 (Circle of Ovals) Index
			16 - 20	Gobo 3 (Bricked Out) Index
			21 - 25	Gobo 4 (Punchcard) Index
			26 - 30	Gobo 5 (Swirl) Index
			31 - 35	Gobo 6 (Honeycomb Reverse) Index
			36 - 40	Gobo 7 (On the Rock) Index
			41 - 45	Open - No Gobo

TABLE 1. VL2600 PROFILE 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
17	Gobo Wheel 1 continued	0	46 - 50	Gobo 1 (Night Sky) Rotate
			51 - 55	Gobo 2 (Circle of Ovals) Rotate
			56 - 60	Gobo 3 (Bricked Out) Rotate
			61 - 65	Gobo 4 (Punchcard) Rotate
			66 - 70	Gobo 5 (Swirl) Rotate
			71 - 75	Gobo 6 (Honeycomb Reverse) Rotate
			76 - 80	Gobo 7 (On the Rock) Rotate
			81 - 85	Open - No Gobo
			86 - 90	Gobo 1 (Night Sky) Rotate with Mega Stepping
			91 - 95	Gobo 2 (Circle of Ovals) Rotate with Mega Stepping
			96 - 100	Gobo 3 (Bricked Out) Rotate with Mega Stepping
			101 - 105	Gobo 4 (Punchcard) Rotate with Mega Stepping
			106 - 110	Gobo 5 (Swirl) Rotate with Mega Stepping
			111 - 115	Gobo 6 (Honeycomb Reverse) Rotate with Mega Stepping
			116 - 120	Gobo 7 (On the Rock) Rotate with Mega Stepping
			121 - 255	Reserved Values
18	Gobo 1 Rot/Index High Byte	32767	0 - 65535	16-bit control of index and rotation of gobo wheel 1.
			0 - 32756	Rotate Fast to Slow <<<
19	Gobo 1 Rot/Index Low Byte		32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
20	Gobo Wheel 1 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 1 (Channel 17)
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Gobo Twist Quickest Path (Slow to Fast) For fastest twist set gobo timing to 0
			181 - 210	Gobo Twist Normal Path (Slow to Fast) For fastest twist set gobo timing to 0
			211 - 255	Reserved Values

TABLE 1. VL2600 PROFILE 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
21	Gobo Wheel 2 (Fixed)	0	0-255	8-bit control of Gobo Wheel for movement options see channel 22
			0 - 5	Open - No Gobo
			6 - 10	6-10 Gobo 1 (Leafy Breakup)
			11 - 15	11-15 Gobo 2 (Medium Circle)
			16 - 20	16-20 Gobo 3 Swirl (Lattice)
			21 - 25	21-25 Gobo 4 (Radial Breakup)
			26 - 30	26-30 Gobo 5 (Dust)
			31 - 35	31-35 Gobo 6 (Neurons)
			36 - 40	36-40 Gobo 7 (Grid)
			41 - 45	41-45 Gobo 8 (Cross bars)
			46 - 255	Reserved
22	Gobo Wheel 2 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 2 (Channel 21)
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Reserved Values
			181 - 210	Reserved Values
			211 - 255	Reserved Values
23	Iris	0	0-255	Iris size control
			0 - 200	Iris beam size open to closed
			201 - 255	Iris pulse slow to fast **For future use**
24	Frame 1A	0	0 - 255	Controls Framing Shutter 1A from Open (DMX 0) to Full (DMX 255).
25	Frame 1B	0	0 - 255	Controls Framing Shutter 1B from Open (DMX 0) to Full (DMX 255).
26	Frame 2A	0	0 - 255	Controls Framing Shutter 2A from Open (DMX 0) to Full (DMX 255).
27	Frame 2B	0	0 - 255	Controls Framing Shutter 2B from Open (DMX 0) to Full (DMX 255).
28	Frame 3A	0	0 - 255	Controls Framing Shutter 3A from Open (DMX 0) to Full (DMX 255).
29	Frame 3B	0	0 - 255	Controls Framing Shutter 3B from Open (DMX 0) to Full (DMX 255).
30	Frame 4A	0	0 - 255	Controls Framing Shutter 4A from Open (DMX 0) to Full (DMX 255).
31	Frame 4B	0	0 - 255	Controls Framing Shutter 4B from Open (DMX 0) to Full (DMX 255).
32	Frame Rotate	128	0 - 255	Controls Framing Shutter mechanism from +/- 90°

TABLE 1. VL2600 PROFILE 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
33	Triangular Prism	0 - 255	0 - 255	Controls Prism mechanism with following values.
			0 - 5	Open
			6 - 10	Index
			11 - 15	Rotate Normal
			16 - 20	Rotate with Mega Stepping
			21 - 255	Reserved Values
34	Prism Index/Rot High Byte	32767	0 - 65535	16-bit control of prism rotation and index.
35	Prism Index/Rot Low Byte		0 - 32756	Rotate Fast to Slow <<<
			32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
36	Frost	0	0-255	Linear control of frost mechanism from out (DMX 0) to full in (DMX 255)
37	Strobe Speed	0	0 - 255	Controls strobe rate from slowest (DMX 0) to fastest (DMX 255) 0.5hz to 30hz
38	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle).
			0 - 5	Open
			6 - 10	Closed
			11 - 15	Normal Strobe
			16 - 20	Random Strobe
			21 - 25	Random Sync
			26 - 255	Reserved Values
39	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level I reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Macro action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			236 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
			246 - 250	Dimmer Snap Off*

For future use

TABLE 1. VL2600 PROFILE 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
40	Fan Control		0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . .
			0-4	Automatic fan/output adjustment (Default)
			05 - 255	Linear control of fan speed and LED max output* DMX 5 =Highest Constant Fan Speed DMX 255 = Lowest Constant Fan Speed * Standard mode only
41	Optical Style	0 - 30	0 - 255	Hybrid - full zoom range no restrictions (default)
			31 - 60	Spot Projection - 6%-100% Zoom Range No other restrictions besides zoom range
			61 - 90	Open Beam - Open Beam locked in at 2% zoom - Edge 0% (Hard Edged) - Iris 0% - Beam/Iris/edge functions not operational- Prism Fully functional
			91 - 120	Shaft - Open Beam locked in at 0% zoom-Edge 0%- Iris limited Range of 26%-100% (iris never completely leaves beam to keep hard edge)- Gobo Functionality disabled. Prism Fully functional
42	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown
			26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	ReCal Gobo
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
			101 - 110	Side Hang Enable
			111 - 115	Reserved Values
			116	900Hz
			117	1500Hz
			118	3000Hz

TABLE 1. VL2600 PROFILE 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
42	Luminare Control Continued	0	119	5000Hz
			120	10kHz
			121	15kHz
			122	20kHz
			123	25kHz
			124 - 255	Reserved Values

TABLE 2. VL2600 PROFILE 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16-bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Focus High	32767	0-65535	Focus control Default value 50% Focus range
8	Focus Low			
9	Zoom High	32767	0-65535	Zoom control Default value 50% zoom range
10	Zoom Low			
11	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
12	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
13	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
14	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
15	Color Wheel	0	0 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel)
			0 - 15	OPEN (centred at 0)
			16 - 47	Color 1 RED (centred at 32)
			48 - 79	Color 2 Dark Blue (centred at 64)
			80 - 111	Color 3 Yellow (centred at 96)
			112 - 143	Color 4 Kelly Green (centred at 128)
			144 - 175	Color 5 Congo Blue (centred at 160)
			176 - 207	Color 6 Amber (centred at 192)
			208 - 240	Color 7 CTB (centred at 224)
			241 -255	Open
16	Color Wheel Control	0	0 - 255	
			0 - 5	Linear Movement using shortest (quickest) path.
			6 - 10	Linear Movement using normal (longest) path.
			11 - 15	Wheel Spin CW (Forward)
			16 - 20	Wheel Spin STOP
			21 - 25	Wheel Spin CCW (Reverse)
			26 - 56	Color Shake Quickest Path (Slow to Fast) For fastest shake set color timing to 0
			57 - 87	Color Shake Normal Path (Slow to Fast) For fastest shake set color timing to 0
			88 - 255	Reserved Values
17	Gobo Wheel 1	0	0 - 255	8-bit control of Gobo Wheel 1. See Channel 20 for control
			0 - 5	Open - No Gobo
			6 - 10	Gobo 1 (Night Sky) Index
			11 - 15	Gobo 2 (Circle of Ovals) Index
			16 - 20	Gobo 3 (Bricked Out) Index
			21 - 25	Gobo 4 (Punchcard) Index
			26 - 30	Gobo 5 (Swirl) Index
			31 - 35	Gobo 6 (Honeycomb Reverse) Index
			36 - 40	Gobo 7 (On the Rock) Index
			41 - 45	Open - No Gobo

TABLE 2. VL2600 PROFILE 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
17	Gobo Wheel 1 continued	0	46 - 50	Gobo 1 (Night Sky) Rotate
			51 - 55	Gobo 2 (Circle of Ovals) Rotate
			56 - 60	Gobo 3 (Bricked Out) Rotate
			61 - 65	Gobo 4 (Punchcard) Rotate
			66 - 70	Gobo 5 (Swirl) Rotate
			71 - 75	Gobo 6 (Honeycomb Reverse) Rotate
			76 - 80	Gobo 7 (On the Rock) Rotate
			81 - 85	Open - No Gobo
			86 - 90	Gobo 1 (Night Sky) Rotate with Mega Stepping
			91 - 95	Gobo 2 (Circle of Ovals) Rotate with Mega Stepping
			96 - 100	Gobo 3 (Bricked Out) Rotate with Mega Stepping
			101 - 105	Gobo 4 (Punchcard) Rotate with Mega Stepping
			106 - 110	Gobo 5 (Swirl) Rotate with Mega Stepping
			111 - 115	Gobo 6 (Honeycomb Reverse) Rotate with Mega Stepping
			116 - 120	Gobo 7 (On the Rock) Rotate with Mega Stepping
			121 - 255	Reserved Values
18	Gobo 1 Rot/Index High Byte	32767	0 - 65535	16-bit control of index and rotation of gobo wheel 1.
			0 - 32756	Rotate Fast to Slow <<<
19	Gobo 1 Rot/Index Low Byte		32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
20	Gobo Wheel 1 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 1 (Channel 17)
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Gobo Twist Quickest Path (Slow to Fast) For fastest twist set gobo timing to 0
			181 - 210	Gobo Twist Normal Path (Slow to Fast) For fastest twist set gobo timing to 0
			211 - 255	Reserved Values

TABLE 2. VL2600 PROFILE 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
21	Gobo Wheel 2 (Fixed)	0	0-255	8-bit control of Gobo Wheel for movement options see channel 22
			0 - 5	Open - No Gobo
			6 - 10	6-10 Gobo 1 (Leafy Breakup)
			11 - 15	11-15 Gobo 2 (Medium Circle)
			16 - 20	16-20 Gobo 3 Swirl (Lattice)
			21 - 25	21-25 Gobo 4 (Radial Breakup)
			26 - 30	26-30 Gobo 5 (Dust)
			31 - 35	31-35 Gobo 6 (Neurons)
			36 - 40	36-40 Gobo 7 (Grid)
			41 - 45	41-45 Gobo 8 (Cross bars)
			46 - 255	Reserved
22	Gobo Wheel 2 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 2 (Channel 21)
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Reserved Values
			181 - 210	Reserved Values
			211 - 255	Reserved Values
23	Iris	0	0-255	Iris size control
			0 - 200	Iris beam size open to closed
			201 - 255	Iris pulse slow to fast **For future use**
24	Frame 1A	0	0 - 255	Controls Framing Shutter 1A from Open (0) to Full (255).
25	Frame 1B	0	0 - 255	Controls Framing Shutter 1B from Open (0) to Full (255).
26	Frame 2A	0	0 - 255	Controls Framing Shutter 2A from Open (0) to Full (255).
27	Frame 2B	0	0 - 255	Controls Framing Shutter 2B from Open (0) to Full (255).
28	Frame 3A	0	0 - 255	Controls Framing Shutter 3A from Open (0) to Full (255).
29	Frame 3B	0	0 - 255	Controls Framing Shutter 3B fromOpen (0) to Full (255).
30	Frame 4A	0	0 - 255	Controls Framing Shutter 4A from Open (0) to Full (255).
31	Frame 4B	0	0 - 255	Controls Framing Shutter 4B from Open (0) to Full (255).
32	Frame Rotate	128	0 - 255	Controls Framing Shutter mechanism from +/- 90°
33	Triangular Prism	0 - 255	0 - 255	Controls Prism mechanism with following values.
			0 - 5	Open
			6 - 10	Index
			11 - 15	Rotate Normal
			16 - 20	Rotate with Mega Stepping
			21 - 255	Reserved Values

TABLE 2. VL2600 PROFILE 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
34	Prism Index/Rot High Byte	32767	0 - 65535	16-bit control of prism rotation and index.
35	Prism Index/Rot Low Byte		0 - 32756	Rotate Fast to Slow <<<
			32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
36	Frost	0	0-255	Linear control of frost mechanism from out (DMX 0) to full in (DMX 255)
37	Strobe Speed	0	0 - 255	Controls strobe rate from slowest (DMX 0) to fastest (DMX 255) 0.5hz to 30hz
38	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle).
			0 - 5	Open
			6 - 10	Closed
			11 - 15	Normal Strobe
			16 - 20	Random Strobe
			21 - 25	Random Sync
			26 - 255	Reserved Values
39	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level I reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Macro action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			236 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
			246 - 250	Dimmer Snap Off*
40	Focus Timing	255	0 - 255	Adjustment of fixture timing to control Pan/Tilt mechanisms. See Timing Channel Chart in User Manual
41	Optics Timing	255	0 - 255	Adjustment of fixture timing to control lensing mechanisms. See Timing Channel Chart in User Manual
42	Color Timing	255	0 - 255	Adjustment of fixture timing to control lensing mechanisms. See Timing Channel Chart in User Manual
43	Beam Timing	255	0 - 255	Adjustment of fixture timing to control beam shaping mechanisms. See Timing Channel Chart in User Manual
44	Gobo Timing	255	0 - 255	Adjustment of fixture timing to control gobo mechanisms. See Timing Channel Chart in User Manual

For future use

TABLE 2. VL2600 PROFILE 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
45	Fan Control	0	0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . .
			0 - 4	Automatic fan/output adjustment (Default)
			05 - 255	Linear control of fan speed and LED max output* DMX 5 = Highest Constant Fan Speed DMX 255 = Lowest Constant Fan Speed * Standard mode only
46	Optical Style	0 - 30	0 - 255	Hybrid - full zoom range no restrictions (default)
			31 - 60	Spot Projection - 6%-100% Zoom Range No other restrictions besides zoom range
			61 - 90	Open Beam - Open Beam locked in at 2% zoom - Edge 0% (Hard Edged) - Iris 0% - Beam/Iris/edge functions not operational- Prism Fully functional
			91 - 120	Shaft - Open Beam locked in at 0% zoom-Edge 0%- Iris limited Range of 26%-100% (iris never completely leaves beam to keep hard edge)- Gobo Functionality disabled. Prism Fully functional
47	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown
			26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	ReCal Gobo
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
			101 - 110	Side Hang Enable
			111 - 115	Reserved Values
			116	900Hz
			117	1500Hz
			118	3000Hz

TABLE 2. VL2600 PROFILE 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
47	Luminaire Control Continued	0	119	5000Hz
			120	10kHz
			121	15kHz
			122	20kHz
			123	25kHz
			124 - 255	Reserved Values

TABLE 3. VL2600 SPOT 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16 Bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Focus High	32767	0-65535	Focus control Default value 50% Focus range
8	Focus Low			
9	Zoom High	32767	0-65535	Zoom control Default value 50% zoom range
10	Zoom Low			
11	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
12	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
13	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
14	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
15	Color Wheel	0	0 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel)
			0 - 15	OPEN (centred at 0)
			16 - 47	Color 1 RED (centred at 32)
			48 - 79	Color 2 Dark Blue (centred at 64)
			80 - 111	Color 3 Yellow (centred at 96)
			112 - 143	Color 4 Kelly Green (centred at 128)
			144 - 175	Color 5 Congo Blue (centred at 160)
			176 - 207	Color 6 Amber (centred at 192)
			208 - 240	Color 7 CTB (centred at 224)
			241 -255	Open
16	Color Wheel Control	0	0 - 255	
			0 - 5	Linear Movement using shortest (quickest) path.
			6 - 10	Linear Movement using normal (longest) path.
			11 - 15	Wheel Spin CW (Forward)
			16 - 20	Wheel Spin STOP
			21 - 25	Wheel Spin CCW (Reverse)
			26 - 56	Color Shake Quickest Path (Slow to Fast) For fastest shake set color timing to 0
			57 - 87	Color Shake Normal Path (Slow to Fast) For fastest shake set color timing to 0
			88 - 255	Reserved Values
17	Gobo Wheel 1	0	0 - 255	8-bit control of Gobo Wheel 1. See Channel 20 for control
			0 - 5	Open - No Gobo
			6 - 10	Gobo 1 (Night Sky) Index
			11 - 15	Gobo 2 (Circle of Ovals) Index
			16 - 20	Gobo 3 (Bricked Out) Index
			21 - 25	Gobo 4 (Punchcard) Index
			26 - 30	Gobo 5 (Swirl) Index
			31 - 35	Gobo 6 (Honeycomb Reverse) Index
			36 - 40	Gobo 7 (On the Rock) Index
			41 - 45	Open - No Gobo

TABLE 3. VL2600 SPOT 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
17	Gobo Wheel 1 continued	0	46 - 50	Gobo 1 (Night Sky) Rotate
			51 - 55	Gobo 2 (Circle of Ovals) Rotate
			56 - 60	Gobo 3 (Bricked Out) Rotate
			61 - 65	Gobo 4 (Punchcard) Rotate
			66 - 70	Gobo 5 (Swirl) Rotate
			71 - 75	Gobo 6 (Honeycomb Reverse) Rotate
			76 - 80	Gobo 7 (On the Rock) Rotate
			81 - 85	Open - No Gobo
			86 - 90	Gobo 1 (Night Sky) Rotate with Mega Stepping
			91 - 95	Gobo 2 (Circle of Ovals) Rotate with Mega Stepping
			96 - 100	Gobo 3 (Bricked Out) Rotate with Mega Stepping
			101 - 105	Gobo 4 (Punchcard) Rotate with Mega Stepping
			106 - 110	Gobo 5 (Swirl) Rotate with Mega Stepping
			111 - 115	Gobo 6 (Honeycomb Reverse) Rotate with Mega Stepping
			116 - 120	Gobo 7 (On the Rock) Rotate with Mega Stepping
			121 - 255	Reserved Values
18	Gobo 1 Rot/Index High Byte	32767	0 - 65535	16-bit control of index and rotation of gobo wheel 1.
			0 - 32756	Rotate Fast to Slow <<<
19	Gobo 1 Rot/Index Low Byte		32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
20	Gobo Wheel 1 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 1 (Channel 17)
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Gobo Twist Quickest Path (Slow to Fast) For fastest twist set gobo timing to 0
			181 - 210	Gobo Twist Normal Path (Slow to Fast) For fastest twist set gobo timing to 0
			211 - 255	Reserved Values

TABLE 3. VL2600 SPOT 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
21	Gobo Wheel 2	0	0-255	8-bit control of Gobo Wheel for movement options see channel 24
			0 - 5	Open - No Gobo
			6 - 10	Gobo 1 (Dichrofusion) Index
			11 - 15	Gobo 2 (Alpha Rays) Index
			16 - 20	Gobo 3 (Circle of holes) Index
			21 - 25	Gobo 4 (Vertical Bars) Index
			26 - 30	Gobo 5 (Tribal) Index
			31 - 35	Gobo 6 (Honeycomb) Index
			36 - 40	Gobo 7 (Droplets) Index
			41 - 45	Open - No Gobo
			46 - 50	Gobo 1 (Dichrofusion) Rotate
			51 - 55	Gobo 2 (Alpha Rays) Rotate
			56 - 60	Gobo 3 (Circle of holes) Rotate
			61 - 65	Gobo 4 (Vertical Bars) Rotate
			66 - 70	Gobo 5 (Tribal) Rotate
			71 - 75	Gobo 6 (Honeycomb) Rotate
			76 - 80	Gobo 7 (Droplets) Rotate
			81 - 85	Open - No Gobo
			86 - 90	Gobo 1 (Dichrofusion) Rotate with Mega Stepping
			91 - 95	Gobo 2 (Alpha Rays) Rotate with Mega Stepping
			96 - 100	Gobo 3 (Circle of holes) Rotate with Mega Stepping
			101 - 105	Gobo 4 (Vertical Bars) Rotate with Mega Stepping
			106 - 110	Gobo 5 (Tribal) Rotate with Mega Stepping
			111 - 115	Gobo 6 (Honeycomb) Rotate with Mega Stepping
			116 - 120	Gobo 7 (Droplets) Rotate with Mega Stepping
			121 - 255	Reserved Values
22	Gobo 2 Rot / Index High Byte	32767	0 - 65535	16-bit control of index and rotation of gobo wheel 1.
23	Gobo 2 Rot / Index Low Byte		0 - 32756	Rotate Fast to Slow <<<
			32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>

TABLE 3. VL2600 SPOT 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
24	Gobo Wheel 2 Control	0	0-255	Iris size control
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Gobo Twist Quickest Path (Slow to Fast) For fastest twist set gobo timing to 0
			181 - 210	Gobo Twist Normal Path (Slow to Fast) For fastest twist set gobo timing to 0
			211 - 255	Reserved Values
25	Gobo Wheel 3 Fixed	0	0-255	8-bit control of Gobo Wheel 3. for movement options see channel 26
			0 - 5	Open - No Gobo
			6 - 10	6-10 Gobo 1 (Leafy Breakup)
			11 - 15	11-15 Gobo 2 (Medium Circle)
			16 - 20	16-20 Gobo 3 Swirl (Lattice)
			21 - 25	21-25 Gobo 4 (Radial Breakup)
			26 - 30	26-30 Gobo 5 (Dust)
			31 - 35	31-35 Gobo 6 (Neurons)
			36 - 40	36-40 Gobo 7 (Grid)
			41 - 45	41-45 Gobo 8 (Cross bars)
			46 - 255	Reserved
26	Gobo Wheel 3 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 3 (Channel 25).
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Reserved Values
			181 - 210	Reserved Values
			211 - 255	Reserved Values
27	Iris	0	0-255	Iris size control
			0 - 200	Iris beam size open to closed
			201 - 255	Iris pulse slow to fast **For future use**

TABLE 3. VL2600 SPOT 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
28	Triangular Prism	0	0 - 255	Controls Prism mechanism with following values.
			0 - 5	Open
			6 - 10	Index
			11 - 15	Rotate Normal
			16 - 20	Rotate with Mega Stepping
			21 - 255	Reserved Values
29	Prism Index/Rot High Byte	0 - 65535	0 - 65535	16-bit control of prism rotation and index.
			0 - 32756	Rotate Fast to Slow <<<
30	Prism Index/Rot Low Byte		32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
31	Frost	0	0-255	Linear control of frost mechanism from out (DMX 0) to full in (DMX 255)
32	Strobe Speed	0 - 255	0 - 255	Controls strobe rate from slowest (DMX 0) to fastest (DMX 255) 0.5Hz to 30Hz
33	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions.
			0 - 5	Open
			6 - 10	Closed
			11 - 15	Normal Strobe
			16 - 20	Random Strobe
			21 - 25	Random Sync
34	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level I reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			236 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
			246 - 250	Dimmer Snap Off*
35	Fan Control	0	0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . .
			0-4	Automatic fan/output adjustment (Default)
				Linear control of fan speed and LED max output.
			5-255	DMX 4 = Highest Constant Fan Speed
				DMX 255 = Lowest Constant Fan Speed

For future use

TABLE 3. VL2600 SPOT 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
36	Optical Style	0	0 - 255	Hybrid - full zoom range no restrictions (default)
			31 - 60	Spot Projection - 6%-100% Zoom Range No other restrictions besides zoom range
			61 - 90	Open Beam - Open Beam locked in at 2% zoom - Edge 0% (Hard Edged) - Iris 0% - Beam/Iris/edge functions not operational- Prism Fully functional
			91 - 120	Shaft - Open Beam locked in at 0% zoom-Edge 0%- Iris limited Range of 26%-100% (iris never completely leaves beam to keep hard edge)- Gobo Functionality disabled. Prism Fully functional
37	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown
			26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	ReCal Gobo
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
			101 - 110	Side Hang Enable
			111 - 115	Reserved Values
			116	900Hz
			117	1500Hz
			118	3000Hz
			119	5000Hz
			120	10kHz
			121	15kHz
			122	20kHz
			123	25kHz
			124 - 255	Reserved Values

TABLE 4. VL2600 SPOT 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16 Bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Focus High	32767	0-65535	Focus control Default value 50% Focus range
8	Focus Low			
9	Zoom High	32767	0-65535	Zoom control
10	Zoom Low			Default value 50% zoom range
11	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
12	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
13	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
14	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
15	Color Wheel	0	0 - 255 0 - 15 16 - 47 48 - 79 80 - 111 112 - 143 144 - 175 176 - 207 208 - 240 241 -255	8-bit control of Color Wheel. (spin speed slow to fast from control channel) OPEN (centred at 0) Color 1 RED (centred at 32) Color 2 Dark Blue (centred at 64) Color 3 Yellow (centred at 96) Color 4 Kelly Green (centred at 128) Color 5 Congo Blue (centred at 160) Color 6 Amber (centred at 192) Color 7 CTB (centred at 224) Open
16	Color Wheel Control	0	0 - 255 0 - 5 6 - 10 11 - 15 16 - 20 21 - 25 26 - 56 57 - 87 88 - 255	 Linear Movement using shortest (quickest) path. Linear Movement using normal (longest) path. Wheel Spin CW (Forward) Wheel Spin STOP Wheel Spin CCW (Reverse) Color Shake Quickest Path (Slow to Fast) For fastest shake Color Shake Normal Path (Slow to Fast) For fastest shake set Reserved Values
17	Gobo Wheel 1	0	0 - 255 0 - 5 6 - 10 11 - 15 16 - 20 21 - 25 26 - 30 31 - 35 36 - 40 41 - 45	8-bit control of Gobo Wheel 1. See Channel 21 for control Open - No Gobo Gobo 1 (Night Sky) Index Gobo 2 (Circle of Ovals) Index Gobo 3 (Bricked Out) Index Gobo 4 (Punchcard) Index Gobo 5 (Swirl) Index Gobo 6 (Honeycomb Reverse) Index Gobo 7 (On the Rock) Index Open - No Gobo

TABLE 4. VL2600 SPOT 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
17	Gobo Wheel 1 continued	0	46 - 50	Gobo 1 (Night Sky) Rotate
			51 - 55	Gobo 2 (Circle of Ovals) Rotate
			56 - 60	Gobo 3 (Bricked Out) Rotate
			61 - 65	Gobo 4 (Punchcard) Rotate
			66 - 70	Gobo 5 (Swirl) Rotate
			71 - 75	Gobo 6 (Honeycomb Reverse) Rotate
			76 - 80	Gobo 7 (On the Rock) Rotate
			81 - 85	Open - No Gobo
			86 - 90	Gobo 1 (Night Sky) Rotate with Mega Stepping
			91 - 95	Gobo 2 (Circle of Ovals) Rotate with Mega Stepping
			96 - 100	Gobo 3 (Bricked Out) Rotate with Mega Stepping
			101 - 105	Gobo 4 (Punchcard) Rotate with Mega Stepping
			106 - 110	Gobo 5 (Swirl) Rotate with Mega Stepping
			111 - 115	Gobo 6 (Honeycomb Reverse) Rotate with Mega Stepping
			116 - 120	Gobo 7 (On the Rock) Rotate with Mega Stepping
			121 - 255	Reserved Values
18	Gobo 1 Rot/Index High Byte	32767	0 - 65535	16-bit control of index and rotation of gobo wheel 1.
19	Gobo 1 Rot/Index Low Byte		0 - 32756	Rotate Fast to Slow <<<
			32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
20	Gobo Wheel 1 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 1 (Channel 17).
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin CW Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin CCW Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Gobo Twist Quickest Path (Slow to Fast) For fastest twist set gobo timing to 0
			181 - 210	Gobo Twist Normal Path (Slow to Fast) For fastest twist set gobo timing to 0
			211 - 255	Reserved Values
21	Gobo Wheel 2	0	0 - 255	8-bit control of Gobo Wheel 2. See Channel 24 for control options.
			0 - 5	Open - No Gobo
			6 - 10	Gobo 1 (Dichrofusion) Index
			11 - 15	Gobo 2 (Alpha Rays) Index
			16 - 20	Gobo 3 (Circle of holes) Index
			21 - 25	Gobo 4 (Vertical Bars) Index
			26 - 30	Gobo 5 (Tribal) Index
			31 - 35	Gobo 6 (Honeycomb) Index

TABLE 4. VL2600 SPOT 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
21	Gobo Wheel 2 continued	0	36 - 40	Gobo 7 (Droplets) Index
			41 - 45	Open - No Gobo
			46 - 50	Gobo 1 (Dichrofusion) Rotate
			51 - 55	Gobo 2 (Alpha Rays) Rotate
			56 - 60	Gobo 3 (Circle of holes) Rotate
			61 - 65	Gobo 4 (Vertical Bars) Rotate
			66 - 70	Gobo 5 (Tribal) Rotate
			71 - 75	Gobo 6 (Honeycomb) Rotate
			76 - 80	Gobo 7 (Droplets) Rotate
			81 - 85	Open - No Gobo
			86 - 90	Gobo 1 (Dichrofusion) Rotate with Mega Stepping
			91 - 95	Gobo 2 (Alpha Rays) Rotate with Mega Stepping
			96 - 100	Gobo 3 (Circle of holes) Rotate with Mega Stepping
			101 - 105	Gobo 4 (Vertical Bars) Rotate with Mega Stepping
			106 - 110	Gobo 5 (Tribal) Rotate with Mega Stepping
			111 - 115	Gobo 6 (Honeycomb) Rotate with Mega Stepping
			116 - 120	Gobo 7 (Droplets) Rotate with Mega Stepping
			121 - 255	Reserved Values
22	Gobo 2 Rot/Index High Byte	32767	0 - 65535	16-bit control of index and rotation of gobo wheel 1.
23	Gobo 2 Rot/Index Low Byte		0 - 32756	Rotate Fast to Slow <<<
			32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
24	Gobo Wheel 2 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 2 (Channel 21).
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Gobo Twist Quickest Path (Slow to Fast) For fastest twist set gobo timing to 0
			181 - 210	Gobo Twist Normal Path (Slow to Fast) For fastest twist set gobo timing to 0
			211 - 255	Reserved Values
25	Gobo Wheel 3 (Fixed)	0	0-255	8-bit control of Gobo Wheel 3. for movement options see channel 26
			0 - 5	Open - No Gobo
			6 - 10	6-10 Gobo 1 (Leafy Breakup)
			11 - 15	11-15 Gobo 2 (Medium Circle)
			16 - 20	16-20 Gobo 3 Swirl (Lattice)

TABLE 4. VL2600 SPOT 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
25	Gobo Wheel 3 (Fixed) continued	0	21 - 25	21-25 Gobo 4 (Radial Breakup)
			26 - 30	26-30 Gobo 5 (Dust)
			31 - 35	31-35 Gobo 6 (Neurons)
			36 - 40	36-40 Gobo 7 (Grid)
			41 - 45	41-45 Gobo 8 (Cross bars)
			46 - 255	Reserved
26	Gobo Wheel 3 Control	0	0 - 255	Used as a control channel for different movement options for Gobo Wheel 3 (Channel 25).
			0 - 5	Gobo Selection using shortest (quickest) path.
			6 - 10	Gobo Selection using normal (longest) path.
			11 - 20	Reserved Values
			21 - 50	Wheel Spin Forward (Fast to Slow)
			51 - 60	Wheel Spin STOP
			61 - 90	Wheel Spin Reverse (Slow to Fast)
			91 - 120	Gobo Shake Quickest Path (Slow to Fast) For fastest shake set gobo timing to 0
			121 - 150	Gobo Shake Normal Path (Slow to Fast) For fastest shake set gobo timing to 0
			151 - 180	Reserved Values
			181 - 210	Reserved Values
			211 - 255	Reserved Values
27	Iris	0	0-255	Iris size control
			0 - 200	Iris beam size open to closed
			201 - 255	Iris pulse slow to fast For future use
28	Triangular Prism	0	0 - 255	Controls Prism mechanism with following values.
			0 - 5	Open
			6 - 10	Index
			11 - 15	Rotate Normal
			16 - 20	Rotate with Mega Stepping
			21 - 255	Reserved Values
29	Prism Index/Rot High Byte	0 - 65535	0-65535	16-bit control of prism rotation and index.
30	Prism Index/Rot Low Byte		0 - 32756	Rotate Fast to Slow <<<
			32757 - 32780	Rotation STOP
			32781 - 65535	Rotate Slow to Fast >>>
31	Frost	0	0-255	Linear control of frost mechanism from out (DMX 0) to full in (DMX 255)
32	Strobe Speed	0	0 - 255	Controls strobe rate from slowest (DMX 0) to fastest (DMX 255) 0.5Hz to 30Hz
33	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions.
			0 - 5	Open
			6 - 10	Closed
			11 - 15	Normal Strobe
			16 - 20	Random Strobe
			21 - 25	Random Sync
			26 - 255	Reserved Values

TABLE 4. VL2600 SPOT 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
34	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level I reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			236 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
			246 - 250	Dimmer Snap Off*
35	Focus Timing	255	0 - 255	Adjustment of fixture timing to control Pan/Tilt mechanisms. See Timing Channel Chart in User Manual
36	Optics Timing	255	0 - 255	Adjustment of fixture timing to control lensing mechanisms. See Timing Channel Chart in User Manual
37	Color Timing	255	0 - 255	Adjustment of fixture timing to control color mechanisms. See Timing Channel Chart in User Manual
38	Beam Timing	255	0 - 255	Adjustment of fixture timing to control beam shaping mechanisms. See Timing Channel Chart in User Manual
39	Gobo Timing	255	0 - 255	Adjustment of fixture timing to control gobo mechanisms. See Timing Channel Chart in User Manual
40	Fan Control	0	0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . .
			0-4	Automatic fan/output adjustment (Default)
			5-255	Linear control of fan speed and LED max output.
				DMX 4 =Highest Constant Fan Speed
				DMX 255 = Lowest Constant Fan Speed
41	Optical Style	0	0 - 255	Hybrid - full zoom range no restrictions (default)
			31 - 60	Spot Projection - 6%-100% Zoom Range No other restrictions besides zoom range
			61 - 90	Open Beam - Open Beam locked in at 2% zoom - Edge 0% (Hard Edged) - Iris Open - Beam/Iris/edge functions not operational- Prism Fully functional
			91 - 120	Shaft - Open Beam locked in at 0% zoom-Edge 0%- Iris limited Range of 26%-100% (iris never completely leaves beam to keep hard edge)- Gobo Functionality disabled. Prism Fully functional

For future use

For future use

TABLE 4. VL2600 SPOT 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
42	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown
			26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	ReCal Gobo
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
			101 - 110	Side Hang Enable
			111 - 225	Reserved Values
			116	900Hz
			117	1500Hz
			118	3000Hz
			119	5000Hz
			120	10kHz
			121	15kHz
			122	20kHz
			123	25kHz
			124 - 255	Reserved Values

TABLE 5. VL2600 WASH 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16 Bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Zoom High	32767	0-65535	Zoom control
8	Zoom Low			Default value 50% zoom range
9	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
10	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
11	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
12	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
13	Color Wheel	0	0 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel)
			0 - 15	OPEN (centred at 0)
			16 - 47	Color 1 RED (centred at 32)
			48 - 79	Color 2 Dark Blue (centred at 64)
			80 - 111	Color 3 Yellow (centred at 96)
			112 - 143	Color 4 Kelly Green (centred at 128)
			144 - 175	Color 5 Congo Blue (centred at 160)
			176 - 207	Color 6 Amber (centred at 192)
			208 - 240	Color 7 CTB (centred at 224)
			241 -255	Open
14	Color Wheel Control	0	0 - 255	
			0 - 5	Linear Movement using shortest (quickest) path.
			6 - 10	Linear Movement using normal (longest) path.
			11 - 15	Wheel Spin CW (Forward)
			16 - 20	Wheel Spin STOP
			21 - 25	Wheel Spin CCW (Reverse)
			26 - 56	Color Shake Quickest Path (Slow to Fast) For fastest shake set color timing to 0
			57 - 87	Color Shake Normal Path (Slow to Fast) For fastest shake set color timing to 0
			88 - 255	Reserved Values
15	Frame 1A	0	0-255	Controls Framing Shutter 1A from Open (0) to Full (255).
16	Frame 1B	0	0 - 255	Controls Framing Shutter 1B from Open (0) to Full (255).
17	Frame 2A	0	0 - 255	Controls Framing Shutter 2A from Open (0) to Full (255).
18	Frame 2B	0	0 - 255	Controls Framing Shutter 2B from Open (0) to Full (255).
19	Frame 3A	0	0 - 255	Controls Framing Shutter 3A from Open (0) to Full (255).
20	Frame 3B	0	0 - 255	Controls Framing Shutter 3B from Open (0) to Full (255).
21	Frame 4A	0	0 - 255	Controls Framing Shutter 4A from Open (0) to Full (255).
22	Frame 4B			Controls Framing Shutter 4B fromOpen (0) to Full (255).
23	Frame Rotate	128	0 - 255	Controls Framing Shutter mechanism from +/- 90°
24	Beam softening	0	0-255	Linear control of frost mechanism from out (0) to full in (255)
25	Strobe Speed	0	0 - 255	Controls strobe rate from slowest (0) to fastest (255) 0.5Hz to 30Hz

TABLE 5. VL2600 WASH 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
26	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions.
		0 - 5		Open
		6 - 10		Closed
		11 - 15		Normal Strobe
		16 - 20		Random Strobe
		21 - 25		Random Sync
		26 - 255		Reserved Values
27	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level I reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			235 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
			246 - 250	Dimmer Snap Off*
28	Fan Control	0	0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . . Automatic fan/output adjustment (Default) Linear control of fan speed and LED max output. DMX 4 =Highest Constant Fan Speed DMX 255 = Lowest Constant Fan Speed
29	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown

For future use

TABLE 5. VL2600 WASH 16-BIT MODE

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
29	Luminaire Control continued	0	26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	Reserved Values
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
			101 - 110	Side Hang Enable
			111 - 225	Reserved Values
			116	900Hz
			117	1500Hz
			118	3000Hz
			119	5000Hz
			120	10kHz
			121	15kHz
			122	20kHz
			123	25kHz
			124 - 255	Reserved Values

TABLE 6. VL2600 WASH 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity High	0	0-65535	16 Bit control of Dimming
2	Intensity Low			
3	Pan High	32767	0-65535	540° Total Pan Rotation
4	Pan Low			
5	Tilt High	32767	0-65535	270° Total Tilt
6	Tilt Low			
7	Zoom High	32767	0-65535	Zoom control
8	Zoom Low			Default value 50% zoom range
9	Cyan	0	0 - 255	Cyan Color Control 0-100% saturation
10	Yellow	0	0 - 255	Yellow Color Control 0-100% saturation
11	Magenta	0	0 - 255	Magenta Color Control 0-100% saturation
12	CTO	0	0 - 255	CTO Color correction Control 0-100% saturation
13	Color Wheel	0	0 - 255	8-bit control of Color Wheel. (spin speed slow to fast from control channel)
			0 - 15	OPEN (centred at 0)
			16 - 47	Color 1 RED (centred at 32)
			48 - 79	Color 2 Dark Blue (centred at 64)
			80 - 111	Color 3 Yellow (centred at 96)
			112 - 143	Color 4 Kelly Green (centred at 128)
			144 - 175	Color 5 Congo Blue (centred at 160)
			176 - 207	Color 6 Amber (centred at 192)
			208 - 240	Color 7 CTB (centred at 224)
			241 -255	Open
14	Color Wheel Control	0	0 - 255	
			0 - 5	Linear Movement using shortest (quickest) path.
			6 - 10	Linear Movement using normal (longest) path.
			11 - 15	Wheel Spin CW (Forward)
			16 - 20	Wheel Spin STOP
			21 - 25	Wheel Spin CCW (Reverse)
			26 - 56	Color Shake Quickest Path (Slow to Fast) For fastest shake set color timing to 0
			57 - 87	Color Shake Normal Path (Slow to Fast) For fastest shake set color timing to 0
			88 - 255	Reserved Values
15	Frame 1A	0	0-255	Controls Framing Shutter 1A from Open (0) to Full (255).
16	Frame 1B	0	0 - 255	Controls Framing Shutter 1B from Open (0) to Full (255).
17	Frame 2A	0	0 - 255	Controls Framing Shutter 2A from Open (0) to Full (255).
18	Frame 2B	0	0 - 255	Controls Framing Shutter 2B from Open (0) to Full (255).
19	Frame 3A	0	0 - 255	Controls Framing Shutter 3A from Open (0) to Full (255).
20	Frame 3B	0	0 - 255	Controls Framing Shutter 3B from Open (0) to Full (255).
21	Frame 4A	0	0 - 255	Controls Framing Shutter 4A from Open (0) to Full (255).
22	Frame 4B			Controls Framing Shutter 4B fromOpen (0) to Full (255).
23	Frame Rotate	128	0 - 255	Controls Framing Shutter mechanism from +/- 90°
24	Beam softening	0	0-255	Linear control of frost mechanism from out (0) to full in (255)
25	Strobe Speed	0	0 - 255	Controls strobe rate from slowest (0) to fastest (255) 0.5Hz to 30Hz

TABLE 6. VL2600 WASH 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
26	Strobe Control	0 - 255	0 - 255	Control Channel for strobing functions.
		0 - 5		Open
		6 - 10		Closed
		11 - 15		Normal Strobe
		16 - 20		Random Strobe
		21 - 25		Random Sync
		26 - 255		Reserved Values
27	Programmers Channel	0	0-255	*do not require 3 second Dam rule mode will change once DMX level I reached **Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 40	Idle
			41 - 80	Linear**
			81 -120	S-Curve**
			121 -160	Square Curve (Default)**
			161 - 180	PL Curve **
			181 - 200	For Future Use
			201 - 210	Auto CTB ON (Default)**
			211 - 220	Auto CTB off **
			221 - 225	Edge Tracking OFF**
			226 - 230	Edge Tracking ON**
			231 - 235	Soft Zoom start ON**
			235 - 240	Soft Zoom start OFF**
			241 - 245	Dimmer Snap On* (Default)
			246 - 250	Dimmer Snap Off*
28	Focus Timing	255	0 - 255	Adjustment of fixture timing to control Pan/Tilt mechanisms. See Timing Channel Chart in User Manual
29	Optics Timing	255	0 - 255	Adjustment of fixture timing to control lensing mechanisms. See Timing Channel Chart in User Manual
30	Color Timing	255	0 - 255	Adjustment of fixture timing to control color mechanisms. See Timing Channel Chart in User Manual
31	Fan Control	0	0 - 255	Dynamically control fan speed vs LED Output operation. Control values as follows . . . Automatic fan/output adjustment (Default) Linear control of fan speed and LED max output. DMX 4 =Highest Constant Fan Speed DMX 255 = Lowest Constant Fan Speed
32	Luminaire Control	0	0 - 255	Control Channel used for full fixture settings, lamp controls, and miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). Note some consoles have a delay in their channel Marco action. For this a time greater then 3 second may be required (6s)
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Reserved Values
			16 - 20	Reserved Values
			21 - 25	Fixture Shutdown

For future use

TABLE 6. VL2600 WASH 16-BIT MODE ENHANCED

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
32	Luminaire Control continued	0	26 - 30	Display - Menu ON
			31 - 35	Display - Menu OFF
			36 - 40	ReCal Position
			41 - 45	ReCal Color
			46 - 50	Reserved Values
			51 - 55	ReCal Beam
			56 - 60	ReCal Optics
			61 - 65	Reserved Values
			66 - 70	Reset Fixture to Defaults
			71 - 75	Full Luminaire Reboot. This command will douse lamp and reset all processors in fixture, then ReCal all parameters.
			76 - 80	Fixture Status On/Off. This command will enable the display to show fixture status for 5 min. After this time, displays will return to default configuration. Repeating this command in less than 5 minutes will behave as a toggle.
			81 - 85	Standard Mode - Fixture operates at maximum output (Default)
			86 - 90	Studio Mode - Reduced output with lower fan settings
			91 - 100	Side Hang Disable (Default)
			101 - 110	Side Hang Enable
			111 - 225	Reserved Values
			116	900Hz
			117	1500Hz
			118	3000Hz
			119	5000Hz
			120	10kHz
			121	15kHz
			122	20kHz
			123	25kHz
			124 - 255	Reserved Values