

DMX Operation

Channel Mapping

These tables assume a DMX start address of 1. When a different starting address is used, this address becomes channel 1 function and other functions follow in sequence.

Table 3-1: VLX™ Wash Luminaire Mapping Mode 1

DMX Channel	Parameter	Range DMX	Range%	Default - These values are recommended console default values	Description
1	Intensity - High	0 - 65535	0 - 100%	0	16-bit control for Intensity of LED settings.
2	Intensity - Low				
3	Pan - High Byte	0 - 65535	0 - 100%	32768	16-bit control of Pan - 540° of movement.
4	Pan - Low Byte				
5	Tilt - High Byte	0 - 65535	0 - 100%	32768	16-bit control of Tilt - 270° of movement.
6	Tilt - Low Byte				
7	Red - High Byte	0 - 65535	0 - 100%	0	16-bit control of Red LEDs from 0 to full.
8	Red - Low Byte				
9	Green - High Byte	0 - 65535	0 - 100%	0	16-bit control of Green LEDs from 0 to full.
10	Green - Low Byte				
11	Blue - High Byte	0 - 65535	0 - 100%	0	16-bit control of Blue LEDs from 0 to full.
12	Blue - Low Byte				
13	White - High Byte	0 - 65535	0 - 100%	0	16-bit control of White LEDs from 0 to full.
14	White - Low Byte				
15	Unused	N/A	N/A	N/A	For Future Use
16	Unused	N/A	N/A	N/A	For Future Use
17	Beam Spreader	0 - 255	0 - 100%	0	Controls beam angle from 23° to 58° (DMX 255)
18	Strobe	0 - 255	0 - 100%	0	Controls strobe operations as follows: Open = DMX 0 - 2 Closed = DMX 3 - 5 Slow Rand = DMX 6 - 7 Med Rand = DMX 8 - 10 Fast Rand = DMX 11 - 12 Strobe Range = DMX 13 - 127 (fastest) Pulse + Slow Rand = DMX 128 - 129 Pulse + Med Rand = DMX 130 - 131 Pulse + Fast Rand = DMX 132 - 133 Pulse + Range = DMX 134 - 191 Pulse - Slow Rand = DMX 192 - 193 Pulse - Med Rand = DMX 194 - 195 Pulse - Fast Rand = DMX 196 - 197 Pulse - Range = DMX 198 - 255
19	Intensity Time	0 - 255	0 - 100%	255	Allows for luminaire timing of intensity. Profile should default to DMX 255 for smoothest console fade times.
20	Focus Time	0 - 255	0 - 100%	255	Allows for luminaire timing of pan and tilt. Profile should default to DMX 255 for smoothest console fade times.
21	Color Time	0 - 255	0 - 100%	255	Allows for luminaire timing of color mixing. Profile should default to DMX 255 for smoothest console fade times.

VLX™ Wash Luminaire mapping continued on the next page.

Table 3-1: VLX™ Wash Luminaire Mapping Mode 1

22	Beam Time	0 - 255	0 - 100%	255	Allows for luminaire timing of zoom. Profile should default to DMX 255 for smoothest console fade times.
23	Control	0 - 255	0 - 100%		<p>Used to set different modes, parameters, and functions of the VLX Wash. Set control channel value for desired action. Hold value for at least 3 seconds. Set control channel value to 0 without any scaling.</p> <p>Default Setting on Console = DMX 0</p> <p>Reset All to Defaults** = DMX 5 - 7</p> <p>Quiet Mode† = DMX 11 - 13</p> <p>Level Light Mode† = DMX 14 - 16</p> <p>Constant Fans Mode† = DMX 17 - 19</p> <p>Normal Mode† = DMX 20 - 22</p> <p>Dimmer Curve LINEAR† = DMX 31 - 32</p> <p>Dimmer Curve SQUARE LAW† = DMX 34 - 35</p> <p>Full Luminaire Reset = DMX 81 - 87</p> <p>Color Calibration OFF† = DMX 116 - 117</p> <p>Color Calibration ON† = DMX 118 - 120</p> <p>Fixture Sleep = DMX 245 - 249</p> <p>Fixture Wake Up* = DMX 250 - 255</p> <p><u>Notes:</u></p> <p>*Please note that Fixture Wake Up will completely re-calibrate the fixture.</p> <p>** When resetting to defaults, the following will be enabled on the luminaire:</p> <ul style="list-style-type: none"> • Normal Mode • Dimmer Curve SQUARE LAW • Color Calibration ON <p>† These settings require the Command Lock in Menu to be set to OFF in order to change on Control Channel. Resetting to defaults will turn Command Lock OFF.</p>