

DMX MAPPING

The fixture can be operated by DMX controller. The following tables assumes 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 1. 16-BIT

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity (High)	0	0 - 65535	16-bit Intensity (Dimmer) Control 0 - 100% Output
2	Intensity (Low)			
3	Strobe	0	0 - 255	Strobe S>>>>F
			0 - 9	No Strobe Function - Shutter open
			10 - 99	Strobe S>>>>F
			100 - 109	No Strobe Function - Shutter open
			110 - 179	Lighting Strobe S>>>>F
			180 - 189	No Strobe Function - Shutter open
190 - 255	Random Strobe S>>>>F			
4	User Preset	0	0 - 255	User presets 1 to 20
			0 - 10	Channel OFF Channels 1,2,6,7&9 take preference
			11 - 14	User Preset 1
			15 - 18	User Preset 2
			19 - 22	User Preset 3
			23 - 26	User Preset 4
			27 - 30	User Preset 5
			31 - 34	User Preset 6
			35 - 38	User Preset 7
			39 - 42	User Preset 8
			43 - 46	User Preset 9
			47 - 50	User Preset 10
			51 - 54	User Preset 11
			55 - 58	User Preset 12
			59 - 62	User Preset 13
			63 - 66	User Preset 14
			67 - 70	User Preset 15
			71 - 74	User Preset 16
			75 - 78	User Preset 17
			79 - 82	User Preset 18
83 - 86	User Preset 19			
87 - 90	User Preset 20			
91 - 255	Channel OFF Color Mixing take priority			
5	Zoom	128	0 - 255	8 Bit Motorized Zoom control, 0 - 100% 0 = 15° 100% = 30°
6	Focus (High)	32767	0 - 65535	16 Bit Motorized Focus control
7	Focus (Low)			
8	Gobo Index (High)	32767	0-65535	Gobo Index / Rotation Switched mode via channel 10

TABLE 1. 16-BIT

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
9	Gobo Index (Low)		33025-65535 32257-33024 0-32256	Clockwise Index / Rotation S>>>>>>F Stop Counter Clockwise Index / Rotation S>>>>>>F
10	Gobo Mode	0	0 - 255 0 - 50 51 - 100 101 - 255	Gobo Index/ Rotation Mode Control Gobo Index Mode Gobo Rotation Mode Reserved Values
11	Control Channel	0	0 - 255 0 - 5 6 - 10 11 - 15 16 - 20 21 - 25 26 - 30 31 - 35 36 - 40 41 - 45 46 - 50 51 - 55 56 - 60 61 - 65 66 - 70 71 - 75 76 - 80 81 - 85 86 - 90 91 - 95 96 - 100 101 - 105 106 - 110 111 - 115 116 - 120 121 - 125 126 - 130 131 - 135 136 - 140 141 - 154 146 - 150 151 - 155 156 - 160 161 - 165 166 - 170 171 - 175 176 - 255	Control Channel used for full fixture settings, lamp controls, miscellaneous modes. Set discrete value of desired effect, wait >3 seconds, then set value to 0 (Idle). **Function does not require 3 Second rule to active, setting output to value will automatically activate function Idle (Default) Full Luminaire ReCal - Used to Wake fixture up from shutdown Fixture Shutdown Reserved Values Display - Menu ON Display - Menu OFF Reserved Values Reserved Values Dimming Curve Linear** Dimming Curve S-Curve** Dimming Curve Square Law (Default)** Reserved Dimmer Snap On** Dimmer Snap Off (Default)** Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reserved Values Reset fixture to default Reserved Values

TABLE 2. 8-BIT

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity	0	0 - 255	8 bit Intensity (Dimmer) Control
2	Strobe	0	0 - 255	Strobe S>>>>>F
			0 - 9	No Strobe Function - Shutter open
			10 - 99	Strobe S>>>>>F
			100 - 109	No Strobe Function - Shutter open
			110 - 179	Lighting Strobe S>>>>>F
			180 - 189	No Strobe Function - Shutter open
3	User Preset	0	190 - 255	Random Strobe S>>>>>F
			0 - 255	User presets 1 to 20 User definable color preset XX to XX
			0 - 10	Channel OFF Channels 1,2,6,7&9 take preference
			11 - 14	User Preset 1
			15 - 18	User Preset 2
			19 - 22	User Preset 3
			23 - 26	User Preset 4
			27 - 30	User Preset 5
			31 - 34	User Preset 6
			35 - 38	User Preset 7
			39 - 42	User Preset 8
			43 - 46	User Preset 9
			47 - 50	User Preset 10
			51 - 54	User Preset 11
			55 - 58	User Preset 12
			59 - 62	User Preset 13
			63 - 66	User Preset 14
			67 - 70	User Preset 15
			71 - 74	User Preset 16
			75 - 78	User Preset 17
79 - 82	User Preset 18			
83 - 86	User Preset 19			
87 - 90	User Preset 20			
91 - 255	Channel OFF Color Mixing take priority			
4	Zoom	128	0 - 255	8 Bit Motorized Zoom control 0 - 100% 0 = 15° 100% = 30°
5	Focus	128	0 = 255	8 Bit Motorized Focus control
6	Gobo Index	128	0 - 255	Gobo Index / Rotation Switched mode via channel 9
			130 - 255	Clockwise Index / Rotation S>>>>>>>F
			127 - 129	Stop
0 - 126	Counter Clockwise Index / Rotation S>>>>>>>F			
7	Gobo Mode	0	0 - 255	Gobo Index/ Rotation Mode Control
			0 - 50	Gobo Index Mode
			51 - 100	Gobo Rotation Mode
			101 - 255	Reserved Values

TABLE 2. 8-BIT

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
8	Control Channel	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). **Function does not require 3 Second rule to active, setting output to value will automatically activate function
			0 - 5	Idle (Default)
			6 - 10	Full Luminaire ReCal - Also Used to Wake fixture up from shutdown
			11 - 15	Fixture Shutdown
			16 - 20	Reserved Values
			21 - 25	Display - Menu ON
			26 - 30	Display - Menu OFF
			31 - 35	Reserved Values
			36 - 40	Reserved Values
			41 - 45	Dimming Curve Linear**
			46 - 50	Dimming Curve S-Curve**
			51 - 55	Dimming Curve Square Law (Default)**
			56 - 60	Reserved
			61 - 65	Dimmer Snap On**
			66 - 70	Dimmer Snap Off (Default)**
			71 - 75	Reserved Values
			76 - 80	Reserved Values
			81 - 85	Reserved Values
			86 - 90	Reserved Values
			91 - 95	Reserved Values
			96 - 100	Reserved Values
			101 - 105	Reserved Values
			106 - 110	Reserved Values
			111 - 115	Reserved Values
			116 - 120	Reserved Values
			121 - 125	Reserved Values
			126 - 130	Reserved Values
			131 - 135	Reserved Values
			136 - 140	Reserved Values
			141 - 154	Reserved Values
			146 - 150	Reserved Values
			151 - 155	Reserved Values
156 - 160	Reserved Values			
161 - 165	Reserved Values			
166 - 170	Reserved Values			
171 - 175	Reset fixture to default			
176 - 255	Revered Values			

TABLE 3. 5-CHANNEL

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
1	Intensity	0	0 - 255	8 bit Intensity (Dimmer) Control
2	User Preset	0	0 - 255	User presets 1 to 20
			0 - 10	Channel OFF Channels 1,2,6,7&9 take preference
			11 - 14	User Preset 1
			15 - 18	User Preset 2
			19 - 22	User Preset 3
			23 - 26	User Preset 4
			27 - 30	User Preset 5
			31 - 34	User Preset 6
			35 - 38	User Preset 7
			39 - 42	User Preset 8
			43 - 46	User Preset 9
			47 - 50	User Preset 10
			51 - 54	User Preset 11
			55 - 58	User Preset 12
			59 - 62	User Preset 13
			63 - 66	User Preset 14
			67 - 70	User Preset 15
			71 - 74	User Preset 16
			75 - 78	User Preset 17
			79 - 82	User Preset 18
83 - 86	User Preset 19			
87 - 90	User Preset 20			
91 - 255	Channel OFF Color Mixing take priority			
3	Zoom	128	0 - 255	8 Bit Motorized Zoom control 0 - 100% 0 = 15° 100% = 30°
4	Focus	128	0 - 255	8 Bit Motorized Focus control
5	Gobo Index	128	0 - 255	Gobo Index (no Rotation)
			130 - 255	Clockwise Index /
			127 - 129	Stop
			0 - 126	Counter Clockwise Index /