

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
4	User Preset	0	190 - 255	Random Strobe S>>>>F
			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)			

TABLE 1. 16-BIT

DMX CHANNEL	PARAMETER	DEFAULTS	RANGE DMX	DESCRIPTION
8	Gobo Index (High)	32767	0-65535	Gobo Index / Rotation Switched mode via channel 10
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 - 40 41 - 45 46 - 50 51 - 55 56 - 60 61 - 65 66 - 70 71 - 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 must be 0) Full Luminaire ReCal - Used to Wake fixture up from shutdown Fixture Shutdown Reserved Values Display - Menu ON Display - Menu OFF Reserved Values Dimming Curve Linear** Dimming Curve S-Curve** Dimming Curve Square Law (Default)** Reserved Dimmer Snap On** Dimmer Snap Off (Default)** 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 0 - 9 10 - 99 100 - 109 110 - 179 180 - 189 190 - 255	Strobe S>>>>>F No Strobe Function - Shutter open Strobe S>>>>>F No Strobe Function - Shutter open Lighting Strobe S>>>>>F No Strobe Function - Shutter open Random Strobe S>>>>>F
3	User Preset	0	0 - 255 0 - 10 11 - 14 15 - 18 19 - 22 23 - 26 27 - 30 31 - 34 35 - 38 39 - 42 43 - 46 47 - 50 51 - 54 55 - 58 59 - 62 63 - 66 67 - 70 71 - 74 75 - 78 79 - 82 83 - 86 87 - 90 91 - 255	User presets 1 to 20 User definable color preset XX to XX Channel OFF Channels 1,2,6,7&9 take preference User Preset 1 User Preset 2 User Preset 3 User Preset 4 User Preset 5 User Preset 6 User Preset 7 User Preset 8 User Preset 9 User Preset 10 User Preset 11 User Preset 12 User Preset 13 User Preset 14 User Preset 15 User Preset 16 User Preset 17 User Preset 18 User Preset 19 User Preset 20 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 - 255 130 - 255 127 - 129 0 - 126	Gobo Index / Rotation Switched mode via channel 9 Clockwise Index / Rotation S>>>>>>>F Stop Counter Clockwise Index / Rotation S>>>>>>>F
7	Gobo Mode	0	0 - 255 0 - 50 51 - 100 101 - 255	Gobo Index/ Rotation Mode Control Gobo Index Mode Gobo Rotation Mode 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 - 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 - 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 0 - 10 11 - 14 15 - 18 19 - 22 23 - 26 27 - 30 31 - 34 35 - 38 39 - 42 43 - 46 47 - 50 51 - 54 55 - 58 59 - 62 63 - 66 67 - 70 71 - 74 75 - 78 79 - 82 83 - 86 87 - 90 91 - 255	User presets 1 to 20 Channel OFF Channels 1,2,6,7&9 take preference User Preset 1 User Preset 2 User Preset 3 User Preset 4 User Preset 5 User Preset 6 User Preset 7 User Preset 8 User Preset 9 User Preset 10 User Preset 11 User Preset 12 User Preset 13 User Preset 14 User Preset 15 User Preset 16 User Preset 17 User Preset 18 User Preset 19 User Preset 20 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 - 255 130 - 255 127 - 129 0 - 126	Gobo Index (no Rotation) Clockwise Index / Stop Counter Clockwise Index /