

Kino Flo Select LED / Diva-Lite LED DMX Mapping - WHITE MODE



CHANNEL FUNCTION

Channel	8 BIT DIMMING	16 BIT DIMMING
BASE ADDRESS	DIMMING	DIMMING (MOST SIGNIFICANT BYTE)
BASE ADDRESS + 1	KELVIN (CCT)	DIMMING (LEAST SIGNIFICANT BYTE)
BASE ADDRESS + 2	GREEN / MAGENTA	KELVIN (CCT)
BASE ADDRESS + 3		GREEN / MAGENTA

6 channel mode (8 bit dimming)

DIMMING

8 bit DIMMING SQUARE

DMX VALUE	DIM
0 to 255	0 to 100
IF DMX VALUE < 51 then DIM = (DMX VALUE / 51) * 4 else DIM = 100 * ((DMX VALUE / 255) ^ 2) If DIM > 0 AND < 0.1 then DIM = 0.1	
DMX VALUE	DIM
0	0.0
64	6.3
128	25.2
255	100.0

OR

8 bit DIMMING LINEAR

DMX VALUE	DIM
0 to 255	0 to 100
DIM = 100 * (DMX VALUE / 255) If DIM > 0 AND < 0.1 then DIM = 0.1	
DMX VALUE	DIM
0	0.0
64	25.1
128	50.2
255	100.0

KELVIN

DMX VALUE	KELVIN (CCT)
0 to 255	2700k to 6500k
CCT = 2700 + DMX VALUE * (3800 / 255)	
DMX VALUE	KELVIN (CCT)
0	2700
64	3654
128	4607
255	6500

GREEN / MAGENTA

M = Magenta G = Green

DMX VALUE	G / M
0 to 255	100M to 100G
0 to 11	0 G/M
12 to 22	100 M
23 to 121	99 M to 1 M
122 to 133	0 G/M
134 to 232	1 G to 99 G
233 to 243	100 G
244 to 255	0 G/M

7 channel mode (16 bit dimming)

DIMMING

16 bit DIMMING SQUARE

DMX VALUE (2 channels)	DIM
0 to 65535	0 to 100
IF DMX VALUE < 13107 then DIM = (DMX VALUE / 13107) * 4 else DIM = 100 * ((DMX VALUE / 65535) ^ 2) If DIM > 0 AND < 0.1 then DIM = 0.1	
DMX VALUE	DIM
0	0
32768	25.0
49150	56.2
65535	100

OR

16 bit DIMMING LINEAR

DMX VALUE (2 channels)	DIM
0 to 65535	0 to 100
DIM = 100 * (DMX VALUE / 65535) If DIM > 0 AND < 0.1 then DIM = 0.1	
DMX VALUE	DIM
0	0.0
32768	50.0
49150	75.0
65535	100.0