

Reflection LEDko - FullSpectrum 6
DMX Chart (16/10/6/1 ch)

channel				function	type of control	effect	decimal	percentage
16ch	10ch	6ch	1ch					
1	1	-	1 ²	master dimmer	proportional	adjust luminous output intensity from 0 % to 100 %	0 - 255	0% - 100%
2	2	1	-	red	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
3	3	2	-	green	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
4	4	3	-	blue	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
5	5	4	-	white	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
6	6	5	-	lime	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
7	7	6	-	amber	proportional	proportional control of the color percentage from 0 % to 100 %	0 - 255	0% - 100%
8	8	-	-	strobe effect	step	no effect	0 - 9	0% - 4%
					proportional	variable speed strobing effect, from slow to fast	10 - 57	4% - 22%
					step	stop strobe	58 - 59	23% - 23%
					proportional	sequenced pulsed strobe, slow closing, fast operating (variable speed pulsing, from slow to fast)	60 - 108	24% - 42%
					step	stop strobe	109 - 110	43% - 43%
					proportional	sequenced pulsed strobe, fast closing, slow operating (variable speed pulsing, from slow to fast)	111 - 159	44% - 62%
					step	stop strobe	160 - 161	63% - 63%
					proportional	random strobe effect with variable speed from slow to fast and synchronised colors	162 - 207	64% - 81%
					step	stop strobe	208 - 209	82% - 82%
proportional	random strobe effect with variable speed from slow to fast and non-synchronised colors	210 - 255	82% - 100%					
9	9	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0 - 255	0% - 100%
10	10	-	-	special function	proportional	no effect / park	0 - 71	0% - 28%
					step	600 Hz	72 - 84	28% - 33%
					step	fan at low-speed	85 - 96	33% - 38%
					step	fan at auto-speed	97 - 108	38% - 42%
					proportional	fan speed control from minimum to maximum	109 - 120	43% - 47%
					proportional	no effect	121 - 133	47% - 52%
					proportional	LCD display off	134 - 185	53% - 73%
					proportional	LCD display on	186 - 199	73% - 78%
					step	LED control frequency tuning 1000 Hz	200 - 205	78% - 80%
					step	LED control frequency tuning 3000Hz	206 - 211	81% - 83%
					step	LED control frequency tuning 6000Hz	212 - 217	83% - 85%
					step	LED control frequency tuning 8000Hz	218 - 223	85% - 87%
					step	LED control frequency tuning 10000Hz	224 - 229	88% - 90%
					step	LED control frequency tuning 12000Hz	230 - 235	90% - 92%
					step	LED control frequency tuning 14000Hz	236 - 241	93% - 95%
step	LED control frequency tuning 16000Hz	242 - 247	95% - 97%					
step	LED control frequency tuning 19000Hz	248 - 255	97% - 100%					
11 ¹	-	-	-	red tone	step	no effect	0 - 9	0% - 4%
					step	R823 MEDIUM RED	10 - 71	4% - 28%
					step	R25 ORANGE RED (TUNGSTEN)	72 - 133	28% - 52%
					step	R24 SCARLET LED (D65)	134 - 195	53% - 76%
					step	R0 BASTARD AMBER	196 - 255	77% - 100%

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channel				function	type of control	effect	decimal		percentage			
16ch	10ch	6ch	1ch									
12 ¹	-	-	-	green tone	step	no effect	0	-	9	0%	-	4%
						R4460 CALCOLOR 60 GREEN	10	-	71	4%	-	28%
						R2004 DEEP GREEN	72	-	133	28%	-	52%
						E730 LIGHT GREEN	134	-	195	53%	-	76%
						E088 LIME GREEN	196	-	255	77%	-	100%
13 ¹	-	-	-	blue tone	step	no effect	0	-	9	0%	-	4%
						R2008 STORARO PURPLE	10	-	71	4%	-	28%
						E5058 FRENCH LILAC	72	-	133	28%	-	52%
						SOFT PURPLE	134	-	195	53%	-	76%
						RIPE PURPLE	196	-	255	77%	-	100%
14	-	-	-	white tone	step	no effect	0	-	9	0%	-	4%
						2700K	10	-	30	4%	-	12%
					proportional	porportional value from 2700K to 3200K	31	-	52	12%	-	20%
						3200K	53	-	74	21%	-	29%
					proportional	porportional value from 3200K to 4000K	75	-	96	29%	-	38%
						4000K	97	-	118	38%	-	46%
					proportional	porportional value from 4000K to 5000K	119	-	140	47%	-	55%
						5000K	141	-	162	55%	-	64%
					proportional	porportional value from 5000K to 5600K	163	-	184	64%	-	72%
						5600K	185	-	206	73%	-	81%
proportional	porportional value from 5600K to 6500K	207	-	228	81%	-	89%					
	6500K	229	-	255	90%	-	100%					
15 ³	-	-	-	green saturation	step	no effect	0	-	9	0%	-	4%
						exalts the green color in the mixing and diminishes the presence of magenta	10	-	123	4%	-	48%
					proportional	no effect	124	-	132	49%	-	52%
						diminishes the presence of green in the mixing and exalts the magenta color	133	-	246	52%	-	96%
						no effect	247	-	255	97%	-	100%
16 ⁴	-	-	-	saturation	proportional	the white tone fades to the tone built with the RGBWLA channels	0	-	255	0%	-	100%

NOTE 1: channels involving 10 - 11 - 12 macro colors can also be obtained by mixing channels 2 - 3 - 4 - 5 - 6 - 7.

NOTE 2: one channel function mode selects the CCT through the display function menu.

NOTE 3: the rest position of the green sauration is 128. Diminishing the DMX value augments the presence of the green color. Increasing the DMX value augments the presence of magenta.

NOTE 4: increasing the value of the Saturation DMX channel the white light will fade to the color selected.

Projector: Reflection LEDko FullSpectrum RGBWLA	Chart name: DMX 512 function	Software version from 1.31 to 2.03
Chart number: 374	Edition: 2	Date: 16.05.2018

Reflection LEDko - FullSpectrum 6
DMX Chart (5 ch)

channel	function	type of control	effect	decimal		percentage	
5ch							
1	master dimmer	proportional	adjust luminous output intensity from 0 % to 100 %	0	- 255	0%	- 100%
2	white temperature	step	3200K	0	- 5	0%	- 2%
			2700K	6	- 11	2%	- 4%
			2800K	12	- 17	5%	- 7%
			2900K	18	- 23	7%	- 9%
			3000K	24	- 29	9%	- 11%
			3100K	30	- 35	12%	- 14%
			3200K	36	- 41	14%	- 16%
			3300K	42	- 47	16%	- 18%
			3400K	48	- 53	19%	- 21%
			3500K	54	- 59	21%	- 23%
			3600K	60	- 65	24%	- 25%
			3700K	66	- 71	26%	- 28%
			3800K	72	- 77	28%	- 30%
			3900K	78	- 83	31%	- 33%
			4000K	84	- 89	33%	- 35%
			4100K	90	- 95	35%	- 37%
			4200K	96	- 101	38%	- 40%
			4300K	102	- 107	40%	- 42%
			4400K	108	- 113	42%	- 44%
			4500K	114	- 119	45%	- 47%
			4600K	120	- 125	47%	- 49%
			4700K	126	- 131	49%	- 51%
			4800K	132	- 137	52%	- 54%
			4900K	138	- 143	54%	- 56%
			5000K	144	- 149	56%	- 58%
			5100K	150	- 155	59%	- 61%
			5200K	156	- 161	61%	- 63%
			5300K	162	- 167	64%	- 65%
			5400K	168	- 173	66%	- 68%
			5500K	174	- 179	68%	- 70%
			5600K	180	- 185	71%	- 73%
			5700K	186	- 191	73%	- 75%
5800K	192	- 197	75%	- 77%			
5900K	198	- 203	78%	- 80%			
6000K	204	- 209	80%	- 82%			
6100K	210	- 215	82%	- 84%			
6200K	216	- 221	85%	- 87%			
6300K	222	- 227	87%	- 89%			
6400K	228	- 233	89%	- 91%			
6500K	234	- 239	92%	- 94%			
5600K	240	- 255	94%	- 100%			

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DMX Chart (5 ch)

3	green saturation	step	no effect	0	-	9	0%	-	4%		
		proportional	exalts the green color in the mixing and diminishes the presence of magenta	10	-	123	4%	-	48%		
		step	no effect	124	-	132	49%	-	52%		
		proportional	diminishes the presence of green in the mixing and exalts the magenta color	133	-	246	52%	-	96%		
		step	no effect	247	-	255	97%	-	100%		
4	dimmer fine	proportional	fine dimmer control 16 bit	0	-	255	0%	-	100%		
5	special function	step	no effect / park	0	-	71	0%	-	28%		
			600 Hz	72	-	84	28%	-	33%		
			fan at low-speed	85	-	96	33%	-	38%		
			fan at auto-speed	97	-	108	38%	-	42%		
		proportional	fan speed control from minimum to maximum	109	-	120	43%	-	47%		
		step	no effect	121	-	133	47%	-	52%		
			LCD display off	134	-	185	53%	-	73%		
			LCD display on	186	-	199	73%	-	78%		
			LED control frequency tuning 1000 Hz	200	-	205	78%	-	80%		
			LED control frequency tuning 3000Hz	206	-	211	81%	-	83%		
			LED control frequency tuning 6000Hz	212	-	217	83%	-	85%		
			LED control frequency tuning 8000Hz	218	-	223	85%	-	87%		
			LED control frequency tuning 10000Hz	224	-	229	88%	-	90%		
			LED control frequency tuning 12000Hz	230	-	235	90%	-	92%		
			LED control frequency tuning 14000Hz	236	-	241	93%	-	95%		
			LED control frequency tuning 16000Hz	242	-	247	95%	-	97%		
			LED control frequency tuning 19000Hz	248	-	255	97%	-	100%		
<p>NOTE 1: The rest position of green saturation is 128. Diminishing the DMX value augments the presence of the green color. Increasing the DMX value augments the presence of magenta.</p>											
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