

Reflection LEDko FullSpectrum 6  
DMX Chart (14/9/6/1 ch)

channel				function	type of control	effect	decimal		percentage	
14ch	9ch	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	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0	- 255	0%	- 100%
9	9	-	-	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%
						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%						
10	-	-	-	red tone	step	no effect	0	- 9	0%	- 4%
						R823 MEDIUM RED	10	- 70	4%	- 27%
						R25 ORANGE RED (TUNGSTEN)	71	- 132	28%	- 52%
						R24 SCARLET LED (D65)	133	- 194	52%	- 76%
						R0 BASTARD AMBER	195	- 255	76%	- 100%

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channel				function	type of control	effect	decimal		percentage			
14ch	9ch	6ch	1ch									
11 <sup>1</sup>	-	-	-	green tone	step	no effect	0	-	9	0%	-	4%
						R4460 CALCOLOR 60 GREEN	10	-	70	4%	-	27%
						R2004 DEEP GREEN	71	-	132	28%	-	52%
						E730 LIGHT GREEN	133	-	194	52%	-	76%
						E088 LIME GREEN	195	-	255	76%	-	100%
12 <sup>1</sup>	-	-	-	blue tone	step	no effect	0	-	9	0%	-	4%
						R2008 STORARO PURPLE	10	-	70	4%	-	27%
						E5058 FRENCH LILAC	71	-	132	28%	-	52%
						SOFT PURPLE	133	-	194	52%	-	76%
						RIPE PURPLE	195	-	255	76%	-	100%
13	-	-	-	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%					
14 <sup>3</sup>	-	-	-	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%

**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.

Projector: Reflection LEDko FullSpectrum RGBWLA		Chart name: DMX 512 function		Software version from 1.09 to 1.23	
Chart number: 374		Edition: 1		Date: 12.01.2018	

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 tone	step	no effect	0 - 9	0% - 4%
			2700K	10 - 30	4% - 12%
		proportional	porportional value from 2700K to 3200K	31 - 52	12% - 20%
		step	3200K	53 - 74	21% - 29%
		proportional	porportional value from 3200K to 4000K	75 - 96	29% - 38%
		step	4000K	97 - 118	38% - 46%
		proportional	porportional value from 4000K to 5000K	119 - 140	47% - 55%
		step	5000K	141 - 162	55% - 64%
		proportional	porportional value from 5000K to 5600K	163 - 184	64% - 72%
		step	5600K	185 - 206	73% - 81%
		proportional	porportional value from 5600K to 6500K	207 - 228	81% - 89%
step	6500K	229 - 255	90% - 100%		
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%
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			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%		

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.

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