coemar
LIGHT EMOTION

Reflection LEDko FullSpectrum 6 HD
DMX Chart (16 / 7 / 1 ch)

channel			function	type of control	effect	decimal			percentage		
16ch	7ch	1ch									
1	1	1²	master dimmer	proportional	adjust luminous output internsity from 0 % to 100 %	0	-	255	0%	-	100%
2	2	-	red	proportional	proportional control of the color percentage from 0 % to 100 %	0	-	255	0%	-	100%
3	3	-	green	proportional	proportional control of the color percenatge from 0 % to 100 %	0	-	255	0%	-	100%
4	4	-	blue	proportional	proportional control of the color percentage from 0 % to 100 %	0	-	255	0%	-	100%
5	5	-	white	proportional	proportional control of the color percentage from 0 % to 100 %	0	-	255	0%	-	100%
6	6	-	lime	proportional	proportional control of the color percentage from 0 % to 100 %	0	-	255	0%	-	100%
7	7	-	amber	proportional	proportional control of the color percentage from 0 % to 100 %	0	-	255	0%	-	100%
8	-	-	stobe 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	-	-	dimmer fine	proportional	fine dimmer control 16 bit	0	-	255	0%	-	100%
10	-	-	special function	step	no effect / park	0	-	84	0%	-	33%
				step	fan at low-speed	85	-	96	33%	-	38%
					fan at studio mode	97	-	108	38%	-	42%
					fan at auto-speed	109	-	120	43%	-	47%
				proportional	fan speed control from minimum to maximum	121	-	133	47%	-	52%
				step	enables the automatic display blackout	134	-	185	53%	-	73%
					disables the automatic display blackout	186	-	199	73%	-	78%
					no effect	200	-	255	78%	-	100%

11¹	-	-	red tone	step	no effect	0	-	9	0%	-	4%
					R24 - Scarlet red	10	-	34	4%	-	13%
					R02 - Bastard amber	35	-	59	14%	-	23%
					R313 - Light relief yellow	60	-	84	24%	-	33%
					R18 - Flame	85	-	109	33%	-	43%
					R331 - Shell pink	110	-	134	43%	-	53%
					R25 - Orange red	135	-	159	53%	-	62%
					R46 - Magenta	160	-	184	63%	-	72%
					R08 - Pale gold	185	-	209	73%	-	82%
					R27 - Medium red	210	-	234	82%	-	92%
					R318 - Mayan sun	235	-	255	92%	-	100%
12¹	-	-	green tone	step	no effect	0	-	9	0%	-	4%
					R4460 - Calcolor 60 green	10	-	34	4%	-	13%
					R2004 - Storaro green	35	-	59	14%	-	23%
					E730 - Liberty green	60	-	84	24%	-	33%
					E088 - Lime green	85	-	109	33%	-	43%
					R90 - Kelly green	110	-	134	43%	-	53%
					R395 - Teal green	135	-	159	53%	-	62%
					R91 - Primary green	160	-	184	63%	-	72%
					R393 - Emerald green	185	-	209	73%	-	82%
					R393 - Leaf green	210	-	234	82%	-	92%
					R86 - Pea green	235	-	255	92%	-	100%
13¹	-	-	blue tone	step	no effect	0	-	9	0%	-	4%
					R2008 - Storaro indigo	10	-	34	4%	-	13%
					E5058 - French lilac	35	-	59	14%	-	23%
					R369 - Tahitian blue	60	-	84	24%	-	33%
					R347 - Belladonna rose	85	-	109	33%	-	43%
					R381 - Baldassari blue	110	-	134	43%	-	53%
					R57 - Lavander	135	-	159	53%	-	62%
					R55 - Lilac	160	-	184	63%	-	72%
					R4790 - Calcolor 90 magenta	185	-	209	73%	-	82%
					R92 - Turquise	210	-	234	82%	-	92%
					R370 - Italian blue	235	-	255	92%	-	100%
14	-	-	white tone	step	no effect	0	-	9	0%	-	4%
				step	2700K	10	-	30	4%	-	12%
				proportional	proportional value from 2700K to 3200K	31	-	52	12%	-	20%
				step	3200K	53	-	74	21%	-	29%
				proportional	proportional value from 3200K to 4000K	75	-	96	29%	-	38%
				step	4000K	97	-	118	38%	-	46%
				proportional	proportional value from 4000K to 5000K	119	-	140	47%	-	55%
				step	5000K	141	-	162	55%	-	64%
				proportional	proportional value from 5000K to 5600K	163	-	184	64%	-	72%
				step	5600K	185	-	206	73%	-	81%
				proportional	proportional value from 5600K to 6500K	207	-	228	81%	-	89%
				step	6500K	229	-	255	90%	-	100%
15³	-	-	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%
16⁴	-	-	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: the one channel function mode can be selected through the "DMX SETTINGS" menu.

NOTE 3: the rest position of the green saturation 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 tone (channel 14) will fade to the color selected by the channel 2 - 3 - 4 - 5 - 6 - 7.

Reflection LEDko FullSpectrum 6 HD
DMX Chart (Studio mode)

channel 7ch	function	type of control	effect	decimal			percentage		
1	master dimmer	proportional	adjust luminous output internsity from 0 % to 100 %	0	-	255	0%	-	100%
2	white temperature	step	3200K	0	-	10	0%	-	4%
			2700K	11	-	16	4%	-	6%
			2800K	17	-	22	7%	-	9%
			2900K	23	-	28	9%	-	11%
			3000K	29	-	34	11%	-	13%
			3100K	35	-	40	14%	-	16%
			3200K	41	-	46	16%	-	18%
			3300K	47	-	52	18%	-	20%
			3400K	53	-	58	21%	-	23%
			3500K	59	-	64	23%	-	25%
			3600K	65	-	70	25%	-	27%
			3700K	71	-	76	28%	-	30%
			3800K	77	-	82	30%	-	32%
			3900K	83	-	88	33%	-	35%
			4000K	89	-	94	35%	-	37%
			4100K	95	-	100	37%	-	39%
			4200K	101	-	106	40%	-	42%
			4300K	107	-	112	42%	-	44%
			4400K	113	-	118	44%	-	46%
			4500K	119	-	124	47%	-	49%
			4600K	125	-	130	49%	-	51%
			4700K	131	-	136	51%	-	53%
			4800K	137	-	142	54%	-	56%
			4900K	143	-	148	56%	-	58%
			5000K	149	-	154	58%	-	60%
			5100K	155	-	160	61%	-	63%
			5200K	161	-	166	63%	-	65%
			5300K	167	-	172	65%	-	67%
			5400K	173	-	178	68%	-	70%
			5500K	179	-	184	70%	-	72%
			5600K	185	-	190	73%	-	75%
			5700K	191	-	196	75%	-	77%
			5800K	197	-	202	77%	-	79%
			5900K	203	-	208	80%	-	82%
			6000K	209	-	214	82%	-	84%
			6100K	215	-	220	84%	-	86%
			6200K	221	-	226	87%	-	89%
			6300K	227	-	232	89%	-	91%
			6400K	233	-	238	91%	-	93%
			6500K	239	-	244	94%	-	96%
			5600K	245	-	255	96%	-	100%

Reflection LEDko FullSpectrum 6 HD
DMX Chart (Studio mode)

3¹	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	saturation	proportional	the white tone fades to the tone built with the HUE channel	0	-	255	0%	-	100%
5²	hue	proportional	reproduce the color crossfades around the color space	0	-	255	0%	-	100%
6	dimmer fine	proportional	fine dimmer control 16 bit	0	-	255	0%	-	100%
7	special function	step	no effect / park	0	-	84	0%	-	33%
			fan at low-speed	85	-	96	33%	-	38%
			fan at studio mode	97	-	108	38%	-	42%
			fan at auto-speed	109	-	120	43%	-	47%
		proportional	fan speed control from minimum to maximum	121	-	133	47%	-	52%
		step	LCD display off	134	-	185	53%	-	73%
			LCD display on	186	-	199	73%	-	78%
			no effect	200	-	255	78%	-	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.

NOTE 2: Increasing the value of the Saturation DMX channel (channel 4) the white light will fade to the color selected with the HUE channel (channel 5)

Projector: Reflection LEDko FullSpectrum 6 HD		Chart name: DMX 512 function	**software version 0.28 or following**
Chart number: 374	Edition: 5	Date: 21.01.2019	

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Reflection LEDko FullSpectrum 6 HD
DMX Chart (RGB mode)

channel 9ch	function	type of control	effect	decimal			percentage		
1	master dimmer	proportional	adjust luminous output intensity from 0 % to 100 %	0	-	255	0%	-	100%
2	dimmer fine	proportional	fine dimmer control 16 bit	0	-	255	0%	-	100%
3	red	proportional	proportional control of the color percenatge from 0 % to 100 %	0	-	255	0%	-	100%
4	green	proportional	proportional control of the color percenatge from 0 % to 100 %	0	-	255	0%	-	100%
5	blue	proportional	proportional control of the color percentage from 0 % to 100 %	0	-	255	0%	-	100%
6	white tone	step	no effect	0	-	9	0%	-	4%
			2700K	10	-	30	4%	-	12%
		proportional	proportional value from 2700K to 3200K	31	-	52	12%	-	20%
		step	3200K	53	-	74	21%	-	29%
		proportional	proportional value from 3200K to 4000K	75	-	96	29%	-	38%
		step	4000K	97	-	118	38%	-	46%
		proportional	proportional value from 4000K to 5000K	119	-	140	47%	-	55%
		step	5000K	141	-	162	55%	-	64%
		proportional	proportional value from 5000K to 5600K	163	-	184	64%	-	72%
		step	5600K	185	-	206	73%	-	81%
		proportional	proportional value from 5600K to 6500K	207	-	228	81%	-	89%
		step	6500K	229	-	255	90%	-	100%
7[1]	saturation	proportional	the white tone fades to the tone built with the RGB channels	0	-	255	0%	-	100%
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	special function	step	no effect / park	0	-	84	0%	-	33%
			fan at low-speed	85	-	96	33%	-	38%
			fan at studio mode	97	-	108	38%	-	42%
			fan at auto-speed	109	-	120	43%	-	47%
		proportional	fan speed control from minimum to maximum	121	-	133	47%	-	52%
		step	enables the automatic display blackout	134	-	185	53%	-	73%
			disables the automatic display blackout	186	-	199	73%	-	78%
			no effect	200	-	255	78%	-	100%

NOTE 1: increasing the value of the Saturation DMX channel the white tone (channel 6) will fade to the color selected by the channel 3, 4 or 5.

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Chart number: 374	Edition: 5	Date: 21.01.2019	