

# DMX appendix a PROTOCOL

Start code = 0

DMX channel	Value	Percent	Function
1  * If the command is disabled, set channels 2, 3, and 4 (CMY) from 230 to 232.	0 - 19	0 - 7	<b>Light, Reset, Lamp On/Off</b> Blackout (CMY full)
	20 - 49	8 - 19	Light (CMY as programmed)
	50 - 127	20 - 44	Open white (CMY off)
	128 - 147	44 - 58	Random color, fast
	148 - 167	58 - 65	Random color, medium
	168 - 187	66 - 73	Random color, slow
	188 - 207	74 - 81	Open white (CMY off)
	208 - 217	82 - 85	Reset fixture*
	218 - 227	85 - 89	Open white (CMY off)
	228 - 237	89 - 93	Lamp power on
	238 - 247	93 - 97	Open white (CMY off)
	248 - 255	97 - 100	Lamp power off* <b>Note:</b> T ≥ 5 seconds
	2	0-255	0 - 100
3	0-255	0 - 100	<b>Magenta</b> White → Magenta
4	0-255	0 - 100	<b>Yellow</b> White → Yellow
5  (Mode 2 only)	0 - 2	0 - 1	<b>Speed</b> Tracking
3 - 245	1 - 96	Fast → slow	
246 - 248	96 - 97	Tracking, no shortcuts (override SCUT ON)	
249 - 251	98 - 98	Tracking, shortcuts on (override SCUT OFF)	
252 - 255	99 - 100	CMY fast (no blackout)	