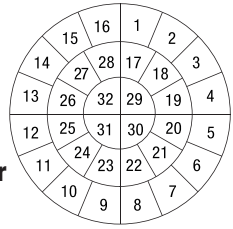


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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



Pixel Order

13CH Dual	23CH Dual	Function	Values		
1	1	Pan	000	- 255	0% to 100%
2	2	Pan fine	000	- 255	
3	3	Tilt	000	- 255	0% to 100%
4	4	Tilt fine	000	- 255	
5	5	Dimmer (Segment 1, 2 & 3)	000	- 255	0% to 100%
6	6	Dimmer fine (Segment 1, 2 & 3)	000	- 255	
7	7	Strobe Functions (Segment 1, 2 & 3)	000	- 005	Open
			006	- 010	Closed
			011	- 022	Ramp up/down slow to fast
			023	- 033	Ramp up/down random slow to fast
			034	- 045	Ramp up slow to fast
			046	- 056	Ramp up random slow to fast
			057	- 068	Ramp down slow to fast
			069	- 079	Ramp down random slow to fast
			080	- 102	Random Strobe effect slow to fast
			103	- 127	Strobe Break effect 5s to 1s (Short burst with break)
			128	- 250	Strobe slow to fast (<1Hz to 20Hz)
			251	- 255	Open
	8	Red	000	- 255	0% to 100%
	9	Green	000	- 255	0% to 100%
	10	Blue	000	- 255	0% to 100%
	11	Lime	000	- 255	0% to 100%
	12	Color Temperature (affects Color Mixing)	000	- 005	Off
			006	- 006	Warm white
			007	- 046	Warm white to 2700K
			047	- 047	Bulb White (2700K)
			048	- 087	2700K to 3200K

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



	12	Color Temperature (affects Color Mixing)	088 - 088	Halogen White (3200K)
			089 - 128	3200K to 4000K
			129 - 129	Neutral White (4000K)
			130 - 169	4000K to 5600K
			170 - 170	Studio White (5600K)
			171 - 210	5600K to 6500K
			211 - 211	Daylight White (6500K)
			212 - 251	6500K to Cold white
			252 - 255	Cold white
	13	Tint (affects Color Temperature)	000 - 000	Off
			001 - 127	Magenta -> Neutral
			128 - 128	neutral
			129 - 255	Neutral -> Green
8	14	Ring Dimmer	000 - 255	0% to 100%
	15	Ring Red	000 - 255	0% to 100%
	16	Ring Green	000 - 255	0% to 100%
	17	Ring Blue	000 - 255	0% to 100%
9	18	Ring Strobe	000 - 005	Open
			006 - 010	Closed
			011 - 022	Ramp up/down slow to fast
			023 - 033	Ramp up/down random slow to fast
			034 - 045	Ramp up slow to fast
			046 - 056	Ramp up random slow to fast
			057 - 068	Ramp down slow to fast
			069 - 079	Ramp down random slow to fast
			080 - 102	Random Strobe effect slow to fast
			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
			128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open			
10	19	Zoom (Segment 1)	000 - 255	Narrow to Wide
11	20	Zoom (Segment 2)	000 - 255	Narrow to Wide
12	21	Zoom (Segment 3)	000 - 255	Narrow to Wide
	22	LED Control Crossfade	000 - 005	Pixel controlled by channels 8 to 11 and 15 to 17
			006 - 249	Linear Crossfade to second input
			250 - 255	Pixel controlled by second protocol

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



13	23	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function
			006 - 007	Blackout while P/T moving On
			008 - 009	Blackout while P/T moving Off
			010 - 017	No function
			018 - 019	Sleep Mode On
			020 - 021	Sleep Mode Off/Wake Up
			022 - 024	No function
			025 - 025	Record User Scene 1
			026 - 026	Record User Scene 2
			027 - 027	Record User Scene 3
			028 - 028	Record User Scene 4
			029 - 029	Record User Scene 5
			030 - 030	Record User Scene 6
			031 - 031	Record User Scene 7
			032 - 032	Record User Scene 8
			033 - 041	No function
			042 - 043	Invert Pan On
			044 - 045	Invert Pan Off
			046 - 047	Invert Tilt On
			048 - 049	Invert Tilt Off
			050 - 051	Pan Angle 540°
			052 - 053	Pan Angle 630°
			054 - 057	No Function
			058 - 059	Pixel Mirroring Off
			060 - 061	Pixel Mirroring Horizontal
			062 - 063	Pixel Mirroring Vertical
			064 - 065	Pixel Mirroring Horizontal + Vertical
			066 - 073	No function
			074 - 075	Dimmer Response LED
			076 - 077	Dimmer Response Halogen
			078 - 081	No function
			082 - 083	DTW (Redshift) On
			084 - 085	DTW (Redshift) Off
			086 - 093	No function
			094 - 095	Silent movement On
			096 - 097	Silent movement Off
			098 - 099	Fan Auto

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



13	23	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	100	-	101	Fan Off
			102	-	103	Fan Constant Low
			104	-	105	Fan Constant Medium
			106	-	107	Fan Constant High
			108	-	119	No function
			120	-	121	PWM 1 (650 Hz)
			122	-	123	PWM 2 (1530 Hz)
			124	-	125	PWM 3 (3600 Hz)
			126	-	127	PWM 4 (12000 Hz)
			128	-	129	PWM 5 (18900 Hz)
			130	-	131	PWM 6 (25000 Hz)
			132	-	133	RAW
			134	-	135	Factory Calibration
			136	-	137	User Calibration
			138	-	139	Smart Calibration
			140	-	141	Display Always On
			142	-	143	Display Off after 20s
			144	-	163	No function
			164	-	165	Dimmer Curve Linear
			166	-	167	Dimmer Curve Exponential
			168	-	169	Dimmer Curve Logarithmic
			170	-	171	Dimmer Curve S-Curve
			172	-	221	No function
			222	-	223	Reset Pan / Tilt
			224	-	233	No function
			234	-	235	Reset Head
			236	-	237	Reset All
			238	-	239	No function
			240	-	241	Load Factory Defaults
			242	-	243	Load Factory Defaults (without User Scenes & Loops)
244	-	245	Load User Default A			
246	-	247	Load User Default B			
248	-	249	Load User Default C			
250	-	255	No function			
14	24	Red 1	000	-	255	0% to 100%
15	25	Green 1	000	-	255	0% to 100%
16	26	Blue 1	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



17	27	Lime 1	000	-	255	0% to 100%
18	28	Red 2	000	-	255	0% to 100%
19	29	Green 2	000	-	255	0% to 100%
20	30	Blue 2	000	-	255	0% to 100%
21	31	Lime 2	000	-	255	0% to 100%
22	32	Red 3	000	-	255	0% to 100%
23	33	Green 3	000	-	255	0% to 100%
24	34	Blue 3	000	-	255	0% to 100%
25	35	Lime 3	000	-	255	0% to 100%
26	36	Red 4	000	-	255	0% to 100%
27	37	Green 4	000	-	255	0% to 100%
28	38	Blue 4	000	-	255	0% to 100%
29	39	Lime 4	000	-	255	0% to 100%
30	40	Red 5	000	-	255	0% to 100%
31	41	Green 5	000	-	255	0% to 100%
32	42	Blue 5	000	-	255	0% to 100%
33	43	Lime 5	000	-	255	0% to 100%
34	44	Red 6	000	-	255	0% to 100%
35	45	Green 6	000	-	255	0% to 100%
36	46	Blue 6	000	-	255	0% to 100%
37	47	Lime 6	000	-	255	0% to 100%
38	48	Red 7	000	-	255	0% to 100%
39	49	Green 7	000	-	255	0% to 100%
40	50	Blue 7	000	-	255	0% to 100%
41	51	Lime 7	000	-	255	0% to 100%
42	52	Red 8	000	-	255	0% to 100%
43	53	Green 8	000	-	255	0% to 100%
44	54	Blue 8	000	-	255	0% to 100%
45	55	Lime 8	000	-	255	0% to 100%
46	56	Red 9	000	-	255	0% to 100%
47	57	Green 9	000	-	255	0% to 100%
48	58	Blue 9	000	-	255	0% to 100%
49	59	Lime 9	000	-	255	0% to 100%
50	60	Red 10	000	-	255	0% to 100%
51	61	Green 10	000	-	255	0% to 100%
52	62	Blue 10	000	-	255	0% to 100%
53	63	Lime 10	000	-	255	0% to 100%
54	64	Red 11	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



55	65	Green 11	000	-	255	0% to 100%
56	66	Blue 11	000	-	255	0% to 100%
57	67	Lime 11	000	-	255	0% to 100%
58	68	Red 12	000	-	255	0% to 100%
59	69	Green 12	000	-	255	0% to 100%
60	70	Blue 12	000	-	255	0% to 100%
61	71	Lime 12	000	-	255	0% to 100%
62	72	Red 13	000	-	255	0% to 100%
63	73	Green 13	000	-	255	0% to 100%
64	74	Blue 13	000	-	255	0% to 100%
65	75	Lime 13	000	-	255	0% to 100%
66	76	Red 14	000	-	255	0% to 100%
67	77	Green 14	000	-	255	0% to 100%
68	78	Blue 14	000	-	255	0% to 100%
69	79	Lime 14	000	-	255	0% to 100%
70	80	Red 15	000	-	255	0% to 100%
71	81	Green 15	000	-	255	0% to 100%
72	82	Blue 15	000	-	255	0% to 100%
73	83	Lime 15	000	-	255	0% to 100%
74	84	Red 16	000	-	255	0% to 100%
75	85	Green 16	000	-	255	0% to 100%
76	86	Blue 16	000	-	255	0% to 100%
77	87	Lime 16	000	-	255	0% to 100%
78	88	Red 17	000	-	255	0% to 100%
79	89	Green 17	000	-	255	0% to 100%
80	90	Blue 17	000	-	255	0% to 100%
81	91	Lime 17	000	-	255	0% to 100%
82	92	Red 18	000	-	255	0% to 100%
83	93	Green 18	000	-	255	0% to 100%
84	94	Blue 18	000	-	255	0% to 100%
85	95	Lime 18	000	-	255	0% to 100%
86	96	Red 19	000	-	255	0% to 100%
87	97	Green 19	000	-	255	0% to 100%
88	98	Blue 19	000	-	255	0% to 100%
89	99	Lime 19	000	-	255	0% to 100%
90	100	Red 20	000	-	255	0% to 100%
91	101	Green 20	000	-	255	0% to 100%
92	102	Blue 20	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



93	103	Lime 20	000	-	255	0% to 100%
94	104	Red 21	000	-	255	0% to 100%
95	105	Green 21	000	-	255	0% to 100%
96	106	Blue 21	000	-	255	0% to 100%
97	107	Lime 21	000	-	255	0% to 100%
98	108	Red 22	000	-	255	0% to 100%
99	109	Green 22	000	-	255	0% to 100%
100	110	Blue 22	000	-	255	0% to 100%
101	111	Lime 22	000	-	255	0% to 100%
102	112	Red 23	000	-	255	0% to 100%
103	113	Green 23	000	-	255	0% to 100%
104	114	Blue 23	000	-	255	0% to 100%
105	115	Lime 23	000	-	255	0% to 100%
106	116	Red 24	000	-	255	0% to 100%
107	117	Green 24	000	-	255	0% to 100%
108	118	Blue 24	000	-	255	0% to 100%
109	119	Lime 24	000	-	255	0% to 100%
110	120	Red 25	000	-	255	0% to 100%
111	121	Green 25	000	-	255	0% to 100%
112	122	Blue 25	000	-	255	0% to 100%
113	123	Lime 25	000	-	255	0% to 100%
114	124	Red 26	000	-	255	0% to 100%
115	125	Green 26	000	-	255	0% to 100%
116	126	Blue 26	000	-	255	0% to 100%
117	127	Lime 26	000	-	255	0% to 100%
118	128	Red 27	000	-	255	0% to 100%
119	129	Green 27	000	-	255	0% to 100%
120	130	Blue 27	000	-	255	0% to 100%
121	131	Lime 27	000	-	255	0% to 100%
122	132	Red 28	000	-	255	0% to 100%
123	133	Green 28	000	-	255	0% to 100%
124	134	Blue 28	000	-	255	0% to 100%
125	135	Lime 28	000	-	255	0% to 100%
126	136	Red 29	000	-	255	0% to 100%
127	137	Green 29	000	-	255	0% to 100%
128	138	Blue 29	000	-	255	0% to 100%
129	139	Lime 29	000	-	255	0% to 100%
130	140	Red 30	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



131	141	Green 30	000	-	255	0% to 100%
132	142	Blue 30	000	-	255	0% to 100%
133	143	Lime 30	000	-	255	0% to 100%
134	144	Red 31	000	-	255	0% to 100%
135	145	Green 31	000	-	255	0% to 100%
136	146	Blue 31	000	-	255	0% to 100%
137	147	Lime 31	000	-	255	0% to 100%
138	148	Red 32	000	-	255	0% to 100%
139	149	Green 32	000	-	255	0% to 100%
140	150	Blue 32	000	-	255	0% to 100%
141	151	Lime 32	000	-	255	0% to 100%
142	152	Ring Red 1	000	-	255	0% to 100%
143	153	Ring Green 1	000	-	255	0% to 100%
144	154	Ring Blue 1	000	-	255	0% to 100%
145	155	Ring Red 2	000	-	255	0% to 100%
146	156	Ring Green 2	000	-	255	0% to 100%
147	157	Ring Blue 2	000	-	255	0% to 100%
148	158	Ring Red 3	000	-	255	0% to 100%
149	159	Ring Green 3	000	-	255	0% to 100%
150	160	Ring Blue 3	000	-	255	0% to 100%
151	161	Ring Red 4	000	-	255	0% to 100%
152	162	Ring Green 4	000	-	255	0% to 100%
153	163	Ring Blue 4	000	-	255	0% to 100%
154	164	Ring Red 5	000	-	255	0% to 100%
155	165	Ring Green 5	000	-	255	0% to 100%
156	166	Ring Blue 5	000	-	255	0% to 100%
157	167	Ring Red 6	000	-	255	0% to 100%
158	168	Ring Green 6	000	-	255	0% to 100%
159	169	Ring Blue 6	000	-	255	0% to 100%
160	170	Ring Red 7	000	-	255	0% to 100%
161	171	Ring Green 7	000	-	255	0% to 100%
162	172	Ring Blue 7	000	-	255	0% to 100%
163	173	Ring Red 8	000	-	255	0% to 100%
164	174	Ring Green 8	000	-	255	0% to 100%
165	175	Ring Blue 8	000	-	255	0% to 100%
166	176	Ring Red 9	000	-	255	0% to 100%
167	177	Ring Green 9	000	-	255	0% to 100%
168	178	Ring Blue 9	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



169	179	Ring Red 10	000	-	255	0% to 100%
170	180	Ring Green 10	000	-	255	0% to 100%
171	181	Ring Blue 10	000	-	255	0% to 100%
172	182	Ring Red 11	000	-	255	0% to 100%
173	183	Ring Green 11	000	-	255	0% to 100%
174	184	Ring Blue 11	000	-	255	0% to 100%
175	185	Ring Red 12	000	-	255	0% to 100%
176	186	Ring Green 12	000	-	255	0% to 100%
177	187	Ring Blue 12	000	-	255	0% to 100%
178	188	Ring Red 13	000	-	255	0% to 100%
179	189	Ring Green 13	000	-	255	0% to 100%
180	190	Ring Blue 13	000	-	255	0% to 100%
181	191	Ring Red 14	000	-	255	0% to 100%
182	192	Ring Green 14	000	-	255	0% to 100%
183	193	Ring Blue 14	000	-	255	0% to 100%
184	194	Ring Red 15	000	-	255	0% to 100%
185	195	Ring Green 15	000	-	255	0% to 100%
186	196	Ring Blue 15	000	-	255	0% to 100%
187	197	Ring Red 16	000	-	255	0% to 100%
188	198	Ring Green 16	000	-	255	0% to 100%
189	199	Ring Blue 16	000	-	255	0% to 100%
190	200	Ring Red 17	000	-	255	0% to 100%
191	201	Ring Green 17	000	-	255	0% to 100%
192	202	Ring Blue 17	000	-	255	0% to 100%
193	203	Ring Red 18	000	-	255	0% to 100%
194	204	Ring Green 18	000	-	255	0% to 100%
195	205	Ring Blue 18	000	-	255	0% to 100%
196	206	Ring Red 19	000	-	255	0% to 100%
197	207	Ring Green 19	000	-	255	0% to 100%
198	208	Ring Blue 19	000	-	255	0% to 100%
199	209	Ring Red 20	000	-	255	0% to 100%
200	210	Ring Green 20	000	-	255	0% to 100%
201	211	Ring Blue 20	000	-	255	0% to 100%
202	212	Ring Red 21	000	-	255	0% to 100%
203	213	Ring Green 21	000	-	255	0% to 100%
204	214	Ring Blue 21	000	-	255	0% to 100%
205	215	Ring Red 22	000	-	255	0% to 100%
206	216	Ring Green 22	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



207	217	Ring Blue 22	000	-	255	0% to 100%
208	218	Ring Red 23	000	-	255	0% to 100%
209	219	Ring Green 23	000	-	255	0% to 100%
210	220	Ring Blue 23	000	-	255	0% to 100%
211	221	Ring Red 24	000	-	255	0% to 100%
212	222	Ring Green 24	000	-	255	0% to 100%
213	223	Ring Blue 24	000	-	255	0% to 100%
214	224	Ring Red 25	000	-	255	0% to 100%
215	225	Ring Green 25	000	-	255	0% to 100%
216	226	Ring Blue 25	000	-	255	0% to 100%
217	227	Ring Red 26	000	-	255	0% to 100%
218	228	Ring Green 26	000	-	255	0% to 100%
219	229	Ring Blue 26	000	-	255	0% to 100%
220	230	Ring Red 27	000	-	255	0% to 100%
221	231	Ring Green 27	000	-	255	0% to 100%
222	232	Ring Blue 27	000	-	255	0% to 100%
223	233	Ring Red 28	000	-	255	0% to 100%
224	234	Ring Green 28	000	-	255	0% to 100%
225	235	Ring Blue 28	000	-	255	0% to 100%
226	236	Ring Red 29	000	-	255	0% to 100%
227	237	Ring Green 29	000	-	255	0% to 100%
228	238	Ring Blue 29	000	-	255	0% to 100%
229	239	Ring Red 30	000	-	255	0% to 100%
230	240	Ring Green 30	000	-	255	0% to 100%
231	241	Ring Blue 30	000	-	255	0% to 100%
232	242	Ring Red 31	000	-	255	0% to 100%
233	243	Ring Green 31	000	-	255	0% to 100%
234	244	Ring Blue 31	000	-	255	0% to 100%
235	245	Ring Red 32	000	-	255	0% to 100%
236	246	Ring Green 32	000	-	255	0% to 100%
237	247	Ring Blue 32	000	-	255	0% to 100%
238	248	Ring Red 33	000	-	255	0% to 100%
239	249	Ring Green 33	000	-	255	0% to 100%
240	250	Ring Blue 33	000	-	255	0% to 100%
241	251	Ring Red 34	000	-	255	0% to 100%
242	252	Ring Green 34	000	-	255	0% to 100%
243	253	Ring Blue 34	000	-	255	0% to 100%
244	254	Ring Red 35	000	-	255	0% to 100%

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DMX CONTROL TABLE



245	255	Ring Green 35	000	-	255	0% to 100%
246	256	Ring Blue 35	000	-	255	0% to 100%
247	257	Ring Red 36	000	-	255	0% to 100%
248	258	Ring Green 36	000	-	255	0% to 100%
249	259	Ring Blue 36	000	-	255	0% to 100%
250	260	Ring Red 37	000	-	255	0% to 100%
251	261	Ring Green 37	000	-	255	0% to 100%
252	262	Ring Blue 37	000	-	255	0% to 100%
253	263	Ring Red 38	000	-	255	0% to 100%
254	264	Ring Green 38	000	-	255	0% to 100%
255	265	Ring Blue 38	000	-	255	0% to 100%
256	266	Ring Red 39	000	-	255	0% to 100%
257	267	Ring Green 39	000	-	255	0% to 100%
258	268	Ring Blue 39	000	-	255	0% to 100%
259	269	Ring Red 40	000	-	255	0% to 100%
260	270	Ring Green 40	000	-	255	0% to 100%
261	271	Ring Blue 40	000	-	255	0% to 100%
262	272	Ring Red 41	000	-	255	0% to 100%
263	273	Ring Green 41	000	-	255	0% to 100%
264	274	Ring Blue 41	000	-	255	0% to 100%
265	275	Ring Red 42	000	-	255	0% to 100%
266	276	Ring Green 42	000	-	255	0% to 100%
267	277	Ring Blue 42	000	-	255	0% to 100%
268	278	Ring Red 43	000	-	255	0% to 100%
269	279	Ring Green 43	000	-	255	0% to 100%
270	280	Ring Blue 43	000	-	255	0% to 100%
271	281	Ring Red 44	000	-	255	0% to 100%
272	282	Ring Green 44	000	-	255	0% to 100%
273	283	Ring Blue 44	000	-	255	0% to 100%
274	284	Ring Red 45	000	-	255	0% to 100%
275	285	Ring Green 45	000	-	255	0% to 100%
276	286	Ring Blue 45	000	-	255	0% to 100%
277	287	Ring Red 46	000	-	255	0% to 100%
278	288	Ring Green 46	000	-	255	0% to 100%
279	289	Ring Blue 46	000	-	255	0% to 100%
280	290	Ring Red 47	000	-	255	0% to 100%
281	291	Ring Green 47	000	-	255	0% to 100%
282	292	Ring Blue 47	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



283	293	Ring Red 48	000	-	255	0% to 100%
284	294	Ring Green 48	000	-	255	0% to 100%
285	295	Ring Blue 48	000	-	255	0% to 100%
286	296	Ring Red 49	000	-	255	0% to 100%
287	297	Ring Green 49	000	-	255	0% to 100%
288	298	Ring Blue 49	000	-	255	0% to 100%
289	299	Ring Red 50	000	-	255	0% to 100%
290	300	Ring Green 50	000	-	255	0% to 100%
291	301	Ring Blue 50	000	-	255	0% to 100%
292	302	Ring Red 51	000	-	255	0% to 100%
293	303	Ring Green 51	000	-	255	0% to 100%
294	304	Ring Blue 51	000	-	255	0% to 100%
295	305	Ring Red 52	000	-	255	0% to 100%
296	306	Ring Green 52	000	-	255	0% to 100%
297	307	Ring Blue 52	000	-	255	0% to 100%
298	308	Ring Red 53	000	-	255	0% to 100%
299	309	Ring Green 53	000	-	255	0% to 100%
300	310	Ring Blue 53	000	-	255	0% to 100%
301	311	Ring Red 54	000	-	255	0% to 100%
302	312	Ring Green 54	000	-	255	0% to 100%
303	313	Ring Blue 54	000	-	255	0% to 100%
304	314	Ring Red 55	000	-	255	0% to 100%
305	315	Ring Green 55	000	-	255	0% to 100%
306	316	Ring Blue 55	000	-	255	0% to 100%
307	317	Ring Red 56	000	-	255	0% to 100%
308	318	Ring Green 56	000	-	255	0% to 100%
309	319	Ring Blue 56	000	-	255	0% to 100%
310	320	Ring Red 57	000	-	255	0% to 100%
311	321	Ring Green 57	000	-	255	0% to 100%
312	322	Ring Blue 57	000	-	255	0% to 100%
313	323	Ring Red 58	000	-	255	0% to 100%
314	324	Ring Green 58	000	-	255	0% to 100%
315	325	Ring Blue 58	000	-	255	0% to 100%
316	326	Ring Red 59	000	-	255	0% to 100%
317	327	Ring Green 59	000	-	255	0% to 100%
318	328	Ring Blue 59	000	-	255	0% to 100%
319	329	Ring Red 60	000	-	255	0% to 100%
320	330	Ring Green 60	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



321	331	Ring Blue 60	000	-	255	0% to 100%
322	332	Ring Red 61	000	-	255	0% to 100%
323	333	Ring Green 61	000	-	255	0% to 100%
324	334	Ring Blue 61	000	-	255	0% to 100%
325	335	Ring Red 62	000	-	255	0% to 100%
326	336	Ring Green 62	000	-	255	0% to 100%
327	337	Ring Blue 62	000	-	255	0% to 100%
328	338	Ring Red 63	000	-	255	0% to 100%
329	339	Ring Green 63	000	-	255	0% to 100%
330	340	Ring Blue 63	000	-	255	0% to 100%
331	341	Ring Red 64	000	-	255	0% to 100%
332	342	Ring Green 64	000	-	255	0% to 100%
333	343	Ring Blue 64	000	-	255	0% to 100%
334	344	Ring Red 65	000	-	255	0% to 100%
335	345	Ring Green 65	000	-	255	0% to 100%
336	346	Ring Blue 65	000	-	255	0% to 100%
337	347	Ring Red 66	000	-	255	0% to 100%
338	348	Ring Green 66	000	-	255	0% to 100%
339	349	Ring Blue 66	000	-	255	0% to 100%
340	350	Ring Red 67	000	-	255	0% to 100%
341	351	Ring Green 67	000	-	255	0% to 100%
342	352	Ring Blue 67	000	-	255	0% to 100%
343	353	Ring Red 68	000	-	255	0% to 100%
344	354	Ring Green 68	000	-	255	0% to 100%
345	355	Ring Blue 68	000	-	255	0% to 100%
346	356	Ring Red 69	000	-	255	0% to 100%
347	357	Ring Green 69	000	-	255	0% to 100%
348	358	Ring Blue 69	000	-	255	0% to 100%
349	359	Ring Red 70	000	-	255	0% to 100%
350	360	Ring Green 70	000	-	255	0% to 100%
351	361	Ring Blue 70	000	-	255	0% to 100%
352	362	Ring Red 71	000	-	255	0% to 100%
353	363	Ring Green 71	000	-	255	0% to 100%
354	364	Ring Blue 71	000	-	255	0% to 100%
355	365	Ring Red 72	000	-	255	0% to 100%
356	366	Ring Green 72	000	-	255	0% to 100%
357	367	Ring Blue 72	000	-	255	0% to 100%
358	368	Ring Red 73	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



359	369	Ring Green 73	000	-	255	0% to 100%
360	370	Ring Blue 73	000	-	255	0% to 100%
361	371	Ring Red 74	000	-	255	0% to 100%
362	372	Ring Green 74	000	-	255	0% to 100%
363	373	Ring Blue 74	000	-	255	0% to 100%
364	374	Ring Red 75	000	-	255	0% to 100%
365	375	Ring Green 75	000	-	255	0% to 100%
366	376	Ring Blue 75	000	-	255	0% to 100%
367	377	Ring Red 76	000	-	255	0% to 100%
368	378	Ring Green 76	000	-	255	0% to 100%
369	379	Ring Blue 76	000	-	255	0% to 100%
370	380	Ring Red 77	000	-	255	0% to 100%
371	381	Ring Green 77	000	-	255	0% to 100%
372	382	Ring Blue 77	000	-	255	0% to 100%
373	383	Ring Red 78	000	-	255	0% to 100%
374	384	Ring Green 78	000	-	255	0% to 100%
375	385	Ring Blue 78	000	-	255	0% to 100%
376	386	Ring Red 79	000	-	255	0% to 100%
377	387	Ring Green 79	000	-	255	0% to 100%
378	388	Ring Blue 79	000	-	255	0% to 100%
379	389	Ring Red 80	000	-	255	0% to 100%
380	390	Ring Green 80	000	-	255	0% to 100%
381	391	Ring Blue 80	000	-	255	0% to 100%
382	392	Ring Red 81	000	-	255	0% to 100%
383	393	Ring Green 81	000	-	255	0% to 100%
384	394	Ring Blue 81	000	-	255	0% to 100%
385	395	Ring Red 82	000	-	255	0% to 100%
386	396	Ring Green 82	000	-	255	0% to 100%
387	397	Ring Blue 82	000	-	255	0% to 100%
388	398	Ring Red 83	000	-	255	0% to 100%
389	399	Ring Green 83	000	-	255	0% to 100%
390	400	Ring Blue 83	000	-	255	0% to 100%
391	401	Ring Red 84	000	-	255	0% to 100%
392	402	Ring Green 84	000	-	255	0% to 100%
393	403	Ring Blue 84	000	-	255	0% to 100%
394	404	Ring Red 85	000	-	255	0% to 100%
395	405	Ring Green 85	000	-	255	0% to 100%
396	406	Ring Blue 85	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



397	407	Ring Red 86	000	-	255	0% to 100%
398	408	Ring Green 86	000	-	255	0% to 100%
399	409	Ring Blue 86	000	-	255	0% to 100%
400	410	Ring Red 87	000	-	255	0% to 100%
401	411	Ring Green 87	000	-	255	0% to 100%
402	412	Ring Blue 87	000	-	255	0% to 100%
403	413	Ring Red 88	000	-	255	0% to 100%
404	414	Ring Green 88	000	-	255	0% to 100%
405	415	Ring Blue 88	000	-	255	0% to 100%
406	416	Ring Red 89	000	-	255	0% to 100%
407	417	Ring Green 89	000	-	255	0% to 100%
408	418	Ring Blue 89	000	-	255	0% to 100%
409	419	Ring Red 90	000	-	255	0% to 100%
410	420	Ring Green 90	000	-	255	0% to 100%
411	421	Ring Blue 90	000	-	255	0% to 100%
412	422	Ring Red 91	000	-	255	0% to 100%
413	423	Ring Green 91	000	-	255	0% to 100%
414	424	Ring Blue 91	000	-	255	0% to 100%
415	425	Ring Red 92	000	-	255	0% to 100%
416	426	Ring Green 92	000	-	255	0% to 100%
417	427	Ring Blue 92	000	-	255	0% to 100%
418	428	Ring Red 93	000	-	255	0% to 100%
419	429	Ring Green 93	000	-	255	0% to 100%
420	430	Ring Blue 93	000	-	255	0% to 100%
421	431	Ring Red 94	000	-	255	0% to 100%
422	432	Ring Green 94	000	-	255	0% to 100%
423	433	Ring Blue 94	000	-	255	0% to 100%
424	434	Ring Red 95	000	-	255	0% to 100%
425	435	Ring Green 95	000	-	255	0% to 100%
426	436	Ring Blue 95	000	-	255	0% to 100%
427	437	Ring Red 96	000	-	255	0% to 100%
428	438	Ring Green 96	000	-	255	0% to 100%
429	439	Ring Blue 96	000	-	255	0% to 100%
430	440	Ring Red 97	000	-	255	0% to 100%
431	441	Ring Green 97	000	-	255	0% to 100%
432	442	Ring Blue 97	000	-	255	0% to 100%
433	443	Ring Red 98	000	-	255	0% to 100%
434	444	Ring Green 98	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



435	445	Ring Blue 98	000	-	255	0% to 100%
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23CH HSI Wash	24CH RGLB Wash 8Bit	28CH RGLB Wash	Channel	Channel	Channel	Function	Values	
			1	1	1	Pan	000 - 255	
			2	2	2	Pan fine	000 - 255	
			3	3	3	Tilt	000 - 255	
			4	4	4	Tilt fine	000 - 255	
			5	5	5	Dimmer (Segment 1, 2 & 3)	000 - 255	
			6	6	6	Dimmer fine (Segment 1, 2 & 3)	000 - 255	
			7	7	7	Strobe Functions (Segment 1, 2 & 3)	000 - 005	Open
							006 - 010	Closed
							011 - 022	Ramp up/down slow to fast
							023 - 033	Ramp up/down random slow to fast
							034 - 045	Ramp up slow to fast
							046 - 056	Ramp up random slow to fast
							057 - 068	Ramp down slow to fast
							069 - 079	Ramp down random slow to fast
							080 - 102	Random Strobe effect slow to fast
							103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
							128 - 250	Strobe slow to fast (<1Hz to 20Hz)
							251 - 255	Open
				8	8	Red	000 - 255	
					9	9	Red fine	000 - 255
				9	10	Green	000 - 255	
					11	11	Green fine	000 - 255

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DMX CONTROL TABLE



	10	12	Blue	000 - 255	0% to 100%
		13	Blue fine	000 - 255	
	11	14	Lime	000 - 255	0% to 100%
		15	Lime fine	000 - 255	
8			Hue	000 - 255	0° (Red) to 360°
9			Hue Fine	000 - 255	
10			Saturation	000 - 255	0% (White) to 100% (Color)
11	12	16	Color Temperature (affects Color Mixing)	000 - 005	Off
				006 - 006	Warm white
				007 - 046	Warm white to 2700K
				047 - 047	Bulb White (2700K)
				048 - 087	2700K to 3200K
				088 - 088	Halogen White (3200K)
				089 - 128	3200K to 4000K
				129 - 129	Neutral White (4000K)
				130 - 169	4000K to 5600K
				170 - 170	Studio White (5600K)
				171 - 210	5600K to 6500K
				211 - 211	Daylight White (6500K)
				212 - 251	6500K to Cold white
252 - 255	Cold white				
12	13	17	Tint (affects Color Temperature)	000 - 000	Off
				001 - 127	Magenta -> Neutral
				128 - 128	neutral
				129 - 255	Neutral -> Green
13	14	18	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function
				006 - 009	46 Dark Magenta
				010 - 013	29 Plasa Red
				014 - 017	26 Bright Red
				018 - 021	127 Smokey Pink
				022 - 025	36 Medium Pink
				026 - 029	19 Fire
				030 - 033	135 Deep Golden Amber
				034 - 037	778 Millennium Gold
				038 - 041	21 Gold Amber
				042 - 045	157 Pink
046 - 049	110 Middle Rose				

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DMX CONTROL TABLE



13	14	18	Color Presets (override Color Mixing & Color Temperature)	050 - 053	109 Light Salmon
				054 - 057	35 Light Pink
				058 - 061	134 Golden Amber
				062 - 065	17 Surprise Peach
				066 - 069	746 Brown
				070 - 073	105 Orange
				074 - 077	20 Medium Amber
				078 - 081	768 Egg Yolk Yellow
				082 - 085	15 Deep Straw
				086 - 089	767 Nectarine
				090 - 093	101 Yellow
				094 - 097	100 Spring Yellow
				098 - 101	88 Lime Green
				102 - 105	121 LEE Green
				106 - 109	738 Jas Green
				110 - 113	89 Moss Green
				114 - 117	139 Primary Green
				118 - 121	124 Dark Green
				122 - 125	323 Jade
				126 - 129	354 Special Steel Blue
				130 - 133	116 Medium Blue-Green
				134 - 137	183 Moonlight Blue
				138 - 141	132 Medium Blue
				142 - 145	119 Dark Blue
				146 - 149	716 Mikkel Blue
				150 - 153	71 Tokyo Blue
				154 - 157	181 Congo Blue
				158 - 161	799 Special KH Lavender
				162 - 165	707 Ultimate Violet
				166 - 169	343 Special Medium Lavender
				170 - 173	798 Chrysalis Pink
				174 - 177	701 Provence
178 - 181	797 Deep Purple				
182 - 185	48 Rose Purple				
186 - 189	345 Fuchsia Pink				
190 - 193	795 Magical Magenta				
194 - 197	128 Bright Pink				

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



13	14	18	Color Presets (override Color Mixing & Color Temperature)	198 - 201	2 Rose Pink
				202 - 207	User Color 1
				208 - 213	User Color 2
				214 - 219	User Color 3
				220 - 225	User Color 4
				226 - 231	User Color 5
				232 - 237	User Color 6
				238 - 243	User Color 7
				244 - 249	User Color 8
				250 - 255	No function
14	15	19	Color Crossfade (affects HSI, CCT and Color Presets)	000 - 005	0s (Off)
				006 - 105	0,1s - 10s (0,1s Steps)
				106 - 214	11s - 119s (1s Steps)
				215 - 244	2m - 4m50s (10s Steps)
				245 - 255	5m - 15m (1m Steps)
15	16	20	Ring Dimmer	000 - 255	0% to 100%
16	17	21	Ring Red	000 - 255	0% to 100%
17	18	22	Ring Green	000 - 255	0% to 100%
18	19	23	Ring Blue	000 - 255	0% to 100%
19	20	24	Ring Strobe	000 - 005	Open
				006 - 010	Closed
				011 - 022	Ramp up/down slow to fast
				023 - 033	Ramp up/down random slow to fast
				034 - 045	Ramp up slow to fast
				046 - 056	Ramp up random slow to fast
				057 - 068	Ramp down slow to fast
				069 - 079	Ramp down random slow to fast
				080 - 102	Random Strobe effect slow to fast
				103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
				128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open				

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



20	21	25	Zoom (Segment 1)	000	-	255	Narrow to Wide
21	22	26	Zoom (Segment 2)	000	-	255	Narrow to Wide
22	23	27	Zoom (Segment 3)	000	-	255	Narrow to Wide
23	24	28	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000	-	005	No function
				006	-	007	Blackout while P/T moving On
				008	-	009	Blackout while P/T moving Off
				010	-	017	No function
				018	-	019	Sleep Mode On
				020	-	021	Sleep Mode Off/Wake Up
				022	-	024	No function
				025	-	025	Record User Scene 1
				026	-	026	Record User Scene 2
				027	-	027	Record User Scene 3
				028	-	028	Record User Scene 4
				029	-	029	Record User Scene 5
				030	-	030	Record User Scene 6
				031	-	031	Record User Scene 7
				032	-	032	Record User Scene 8
				033	-	041	No function
				042	-	043	Invert Pan On
				044	-	045	Invert Pan Off
				046	-	047	Invert Tilt On
				048	-	049	Invert Tilt Off
				050	-	051	Pan Angle 540°
				052	-	053	Pan Angle 630°
				054	-	057	No Function
				058	-	059	Pixel Mirroring Off
060	-	061	Pixel Mirroring Horizontal				
062	-	063	Pixel Mirroring Vertical				
064	-	065	Pixel Mirroring Horizontal + Vertical				
066	-	073	No function				
074	-	075	Dimmer Response LED				

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



23	24	28	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	076 - 077	Dimmer Response Halogen
				078 - 081	No function
				082 - 083	DTW (Redshift) On
				084 - 085	DTW (Redshift) Off
				086 - 093	No function
				094 - 095	Silent movement On
				096 - 097	Silent movement Off
				098 - 099	Fan Auto
				100 - 101	Fan Off
				102 - 103	Fan Constant Low
				104 - 105	Fan Constant Medium
				106 - 107	Fan Constant High
				108 - 119	No function
				120 - 121	PWM 1 (650 Hz)
				122 - 123	PWM 2 (1530 Hz)
				124 - 125	PWM 3 (3600 Hz)
				126 - 127	PWM 4 (12000 Hz)
				128 - 129	PWM 5 (18900 Hz)
				130 - 131	PWM 6 (25000 Hz)
				132 - 133	RAW
				134 - 135	Factory Calibration
				136 - 137	User Calibration
				138 - 139	Smart Calibration
				140 - 141	Display Always On
				142 - 143	Display Off after 20s
				144 - 163	No function
				164 - 165	Dimmer Curve Linear
				166 - 167	Dimmer Curve Exponential
				168 - 169	Dimmer Curve Logarithmic
				170 - 171	Dimmer Curve S-Curve
				172 - 221	No function
				222 - 223	Reset Pan / Tilt
224 - 233	No function				
234 - 235	Reset Head				
236 - 237	Reset All				
238 - 239	No function				
240 - 241	Load Factory Defaults				

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DMX CONTROL TABLE



23	24	28	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	242	-	243	Load Factory Defaults (with- out User Scenes & Loops)
				244	-	245	Load User Default A
				246	-	247	Load User Default B
				248	-	249	Load User Default C
				250	-	255	no function

24CH RGLB Effect							
Channel	Function	Values					
1	Pan	000	-	255	0% to 100%		
2	Pan fine	000	-	255			
3	Tilt	000	-	255	0% to 100%		
4	Tilt fine	000	-	255			
5	Dimmer (Seg- ment 1, 2 & 3)	000	-	255	0% to 100%		
6	Dimmer fine (Segment 1, 2 & 3)	000	-	255			
7	Strobe Functions (Segment 1, 2 & 3)	000	-	005	Open		
		006	-	010	Closed		
		011	-	022	Ramp up/down slow to fast		
		023	-	033	Ramp up/down random slow to fast		
		034	-	045	Ramp up slow to fast		
		046	-	056	Ramp up random slow to fast		
		057	-	068	Ramp down slow to fast		
		069	-	079	Ramp down random slow to fast		
		080	-	102	Random Strobe effect slow to fast		
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)		
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)		
251	-	255	Open				
8	Red	000	-	255	0% to 100%		
9	Green	000	-	255	0% to 100%		
10	Blue	000	-	255	0% to 100%		
11	Lime	000	-	255	0% to 100%		
12	Ring Dimmer	000	-	255	0% to 100%		

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DMX CONTROL TABLE



13	Ring Red	000 - 255	0% to 100%
14	Ring Green	000 - 255	0% to 100%
15	Ring Blue	000 - 255	0% to 100%
16	Ring Strobe	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open		
17	Ring Pattern Selection	000 - 005	Off
		006 - 026	1
		027 - 047	2
		048 - 068	3
		069 - 089	4
		090 - 110	5
		111 - 131	6
		132 - 152	7
		153 - 173	8
		174 - 194	9
		195 - 215	10
		216 - 236	11
		237 - 255	12
18	Ring Pattern Speed	000 - 005	Ring Pattern Speed Stop
		006 - 063	Ring Pattern Speed slow to fast (Chase)
		064 - 127	Ring Pattern Speed fast to slow (Chase) (backwards)
		128 - 127	Ring Pattern Speed slow to fast (Fade)
		192 - 255	Ring Pattern Speed fast to slow (Fade) (backwards)
19	Pattern Selection	000 - 005	Off
		006 - 009	1
		010 - 013	2

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DMX CONTROL TABLE



19	Pattern Selection	014 - 017	3
		018 - 021	4
		022 - 025	5
		026 - 029	6
		030 - 033	7
		034 - 037	8
		038 - 041	9
		042 - 045	10
		046 - 229	11 to 49
		230 - 255	50
20	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop
		006 - 127	Effect Pattern Speed slow to fast
		128 - 255	Effect Pattern Speed fast to slow (backwards)
21	Zoom (Segment 1)	000 - 255	Narrow to Wide
22	Zoom (Segment 2)	000 - 255	Narrow to Wide
23	Zoom (Segment 3)	000 - 255	Narrow to Wide
24	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function
		006 - 007	Blackout while P/T moving On
		008 - 009	Blackout while P/T moving Off
		010 - 017	No function
		018 - 019	Sleep Mode On
		020 - 021	Sleep Mode Off/Wake Up
		022 - 024	No function
		025 - 025	Record User Scene 1
		026 - 026	Record User Scene 2
		027 - 027	Record User Scene 3
		028 - 028	Record User Scene 4
		029 - 029	Record User Scene 5
		030 - 030	Record User Scene 6
		031 - 031	Record User Scene 7
		032 - 032	Record User Scene 8
		033 - 041	No function
		042 - 043	Invert Pan On
		044 - 045	Invert Pan Off
046 - 047	Invert Tilt On		
048 - 049	Invert Tilt Off		
050 - 051	Pan Angle 540°		
052 - 053	Pan Angle 630°		

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DMX CONTROL TABLE



24	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	054 - 057	No Function
		058 - 059	Pixel Mirroring Off
		060 - 061	Pixel Mirroring Horizontal
		062 - 063	Pixel Mirroring Vertical
		064 - 065	Pixel Mirroring Horizontal + Vertical
		066 - 073	No function
		074 - 075	Dimmer Response LED
		076 - 077	Dimmer Response Halogen
		078 - 081	No function
		082 - 083	DTW (Redshift) On
		084 - 085	DTW (Redshift) Off
		086 - 093	No function
		094 - 095	Silent movement On
		096 - 097	Silent movement Off
		098 - 099	Fan Auto
		100 - 101	Fan Off
		102 - 103	Fan Constant Low
		104 - 105	Fan Constant Medium
		106 - 107	Fan Constant High
		108 - 119	No function
		120 - 121	PWM 1 (650 Hz)
		122 - 123	PWM 2 (1530 Hz)
		124 - 125	PWM 3 (3600 Hz)
		126 - 127	PWM 4 (12000 Hz)
		128 - 129	PWM 5 (18900 Hz)
		130 - 131	PWM 6 (25000 Hz)
		132 - 133	RAW
		134 - 135	Factory Calibration
		136 - 137	User Calibration
		138 - 139	Smart Calibration
		140 - 141	Display Always On
		142 - 143	Display Off after 20s
		144 - 163	No function
		164 - 165	Dimmer Curve Linear
166 - 167	Dimmer Curve Exponential		
168 - 169	Dimmer Curve Logarithmic		
170 - 171	Dimmer Curve S-Curve		
172 - 221	No function		

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



24	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	222	-	223	Reset Pan / Tilt
		224	-	233	No function
		234	-	235	Reset Head
		236	-	237	Reset All
		238	-	239	No function
		240	-	241	Load Factory Defaults
		242	-	243	Load Factory Defaults (without User Scenes & Loops)
		244	-	245	Load User Default A
		246	-	247	Load User Default B
		248	-	249	Load User Default C
		250	-	255	no function

29CH Dual Rings					
Channel	Function	Values			
1	Pan	000	-	255	0% to 100%
2	Pan fine	000	-	255	
3	Tilt	000	-	255	0% to 100%
4	Tilt fine	000	-	255	
5	Dimmer (Segment 1)	000	-	255	0% to 100%
6	Dimmer (Segment 1) fine	000	-	255	
7	Dimmer (Segment 2)	000	-	255	0% to 100%
8	Dimmer (Segment 2) fine	000	-	255	
9	Dimmer (Segment 3)	000	-	255	0% to 100%
10	Dimmer (Segment 3) fine	000	-	255	
11	Strobe Functions (Segment 1)	000	-	005	Open
		006	-	010	Closed
		011	-	022	Ramp up/down slow to fast
		023	-	033	Ramp up/down random slow to fast
		034	-	045	Ramp up slow to fast

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



11	Strobe Functions (Segment 1)	046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
		251 - 255	Open
12	Strobe Functions (Segment 2)	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open		
13	Strobe Functions (Segment 3)	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open		
14	Red	000 - 255	0% to 100%
15	Green	000 - 255	0% to 100%
16	Blue	000 - 255	0% to 100%
17	Lime	000 - 255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



18	Color Temperature (affects Color Mixing)	000	-	005	Off
		006	-	006	Warm white
		007	-	046	Warm white to 2700K
		047	-	047	Bulb White (2700K)
		048	-	087	2700K to 3200K
		088	-	088	Halogen White (3200K)
		089	-	128	3200K to 4000K
		129	-	129	Neutral White (4000K)
		130	-	169	4000K to 5600K
		170	-	170	Studio White (5600K)
		171	-	210	5600K to 6500K
		211	-	211	Daylight White (6500K)
		212	-	251	6500K to Cold white
		252	-	255	Cold white
19	Tint (affects Color Temperature)	000	-	000	Off
		001	-	127	Magenta -> Neutral
		128	-	128	neutral
		129	-	255	Neutral -> Green
20	Ring Dimmer	000	-	255	0% to 100%
21	Ring Red	000	-	255	0% to 100%
22	Ring Green	000	-	255	0% to 100%
23	Ring Blue	000	-	255	0% to 100%
24	Ring Strobe	000	-	005	Open
		006	-	010	Closed
		011	-	022	Ramp up/down slow to fast
		023	-	033	Ramp up/down random slow to fast
		034	-	045	Ramp up slow to fast
		046	-	056	Ramp up random slow to fast
		057	-	068	Ramp down slow to fast
		069	-	079	Ramp down random slow to fast
		080	-	102	Random Strobe effect slow to fast
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)
251	-	255	Open		
25	Zoom (Segment 1)	000	-	255	Narrow to Wide
26	Zoom (Segment 2)	000	-	255	Narrow to Wide
27	Zoom (Segment 3)	000	-	255	Narrow to Wide

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



28	LED Control Crossfade	000 - 005	Pixel controlled by channels 14 to 17 and 21 to 23
		006 - 249	Linear Crossfade to second input
		250 - 255	Pixel controlled by second protocol
29	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function
		006 - 007	Blackout while P/T moving On
		008 - 009	Blackout while P/T moving Off
		010 - 017	No function
		018 - 019	Sleep Mode On
		020 - 021	Sleep Mode Off/Wake Up
		022 - 024	No function
		025 - 025	Record User Scene 1
		026 - 026	Record User Scene 2
		027 - 027	Record User Scene 3
		028 - 028	Record User Scene 4
		029 - 029	Record User Scene 5
		030 - 030	Record User Scene 6
		031 - 031	Record User Scene 7
		032 - 032	Record User Scene 8
		033 - 041	No function
		042 - 043	Invert Pan On
		044 - 045	Invert Pan Off
		046 - 047	Invert Tilt On
		048 - 049	Invert Tilt Off
		050 - 051	Pan Angle 540°
		052 - 053	Pan Angle 630°
		054 - 057	No Function
		058 - 059	Pixel Mirroring Off
		060 - 061	Pixel Mirroring Horizontal
		062 - 063	Pixel Mirroring Vertical
		064 - 065	Pixel Mirroring Horizontal + Vertical
		066 - 073	No function
		074 - 075	Dimmer Response LED
		076 - 077	Dimmer Response Halogen
		078 - 081	No function
082 - 083	DTW (Redshift) On		
084 - 085	DTW (Redshift) Off		
086 - 093	No function		
094 - 095	Silent movement On		

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DMX CONTROL TABLE



29	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	096 - 097	Silent movement Off
		098 - 099	Fan Auto
		100 - 101	Fan Off
		102 - 103	Fan Constant Low
		104 - 105	Fan Constant Medium
		106 - 107	Fan Constant High
		108 - 119	No function
		120 - 121	PWM 1 (650 Hz)
		122 - 123	PWM 2 (1530 Hz)
		124 - 125	PWM 3 (3600 Hz)
		126 - 127	PWM 4 (12000 Hz)
		128 - 129	PWM 5 (18900 Hz)
		130 - 131	PWM 6 (25000 Hz)
		132 - 133	RAW
		134 - 135	Factory Calibration
		136 - 137	User Calibration
		138 - 139	Smart Calibration
		140 - 141	Display Always On
		142 - 143	Display Off after 20s
		144 - 163	No function
		164 - 165	Dimmer Curve Linear
		166 - 167	Dimmer Curve Exponential
		168 - 169	Dimmer Curve Logarithmic
		170 - 171	Dimmer Curve S-Curve
		172 - 221	No function
		222 - 223	Reset Pan / Tilt
		224 - 233	No function
		234 - 235	Reset Head
		236 - 237	Reset All
		238 - 239	No function
240 - 241	Load Factory Defaults		
242 - 243	Load Factory Defaults (without User Scenes & Loops)		
244 - 245	Load User Default A		
246 - 247	Load User Default B		
248 - 249	Load User Default C		
250 - 255	No function		
30	Red 1	000 - 255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



31	Green 1	000	-	255	0% to 100%
32	Blue 1	000	-	255	0% to 100%
33	Lime 1	000	-	255	0% to 100%
34	Red 2	000	-	255	0% to 100%
35	Green 2	000	-	255	0% to 100%
36	Blue 2	000	-	255	0% to 100%
37	Lime 2	000	-	255	0% to 100%
38	Red 3	000	-	255	0% to 100%
39	Green 3	000	-	255	0% to 100%
40	Blue 3	000	-	255	0% to 100%
41	Lime 3	000	-	255	0% to 100%
42	Red 4	000	-	255	0% to 100%
43	Green 4	000	-	255	0% to 100%
44	Blue 4	000	-	255	0% to 100%
45	Lime 4	000	-	255	0% to 100%
46	Red 5	000	-	255	0% to 100%
47	Green 5	000	-	255	0% to 100%
48	Blue 5	000	-	255	0% to 100%
49	Lime 5	000	-	255	0% to 100%
50	Red 6	000	-	255	0% to 100%
51	Green 6	000	-	255	0% to 100%
52	Blue 6	000	-	255	0% to 100%
53	Lime 6	000	-	255	0% to 100%
54	Red 7	000	-	255	0% to 100%
55	Green 7	000	-	255	0% to 100%
56	Blue 7	000	-	255	0% to 100%
57	Lime 7	000	-	255	0% to 100%
58	Red 8	000	-	255	0% to 100%
59	Green 8	000	-	255	0% to 100%
60	Blue 8	000	-	255	0% to 100%
61	Lime 8	000	-	255	0% to 100%
62	Red 9	000	-	255	0% to 100%
63	Green 9	000	-	255	0% to 100%
64	Blue 9	000	-	255	0% to 100%
65	Lime 9	000	-	255	0% to 100%
66	Red 10	000	-	255	0% to 100%
67	Green 10	000	-	255	0% to 100%
68	Blue 10	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



69	Lime 10	000	-	255	0% to 100%
70	Red 11	000	-	255	0% to 100%
71	Green 11	000	-	255	0% to 100%
72	Blue 11	000	-	255	0% to 100%
73	Lime 11	000	-	255	0% to 100%
74	Red 12	000	-	255	0% to 100%
75	Green 12	000	-	255	0% to 100%
76	Blue 12	000	-	255	0% to 100%
77	Lime 12	000	-	255	0% to 100%
78	Red 13	000	-	255	0% to 100%
79	Green 13	000	-	255	0% to 100%
80	Blue 13	000	-	255	0% to 100%
81	Lime 13	000	-	255	0% to 100%
82	Red 14	000	-	255	0% to 100%
83	Green 14	000	-	255	0% to 100%
84	Blue 14	000	-	255	0% to 100%
85	Lime 14	000	-	255	0% to 100%
86	Red 15	000	-	255	0% to 100%
87	Green 15	000	-	255	0% to 100%
88	Blue 15	000	-	255	0% to 100%
89	Lime 15	000	-	255	0% to 100%
90	Red 16	000	-	255	0% to 100%
91	Green 16	000	-	255	0% to 100%
92	Blue 16	000	-	255	0% to 100%
93	Lime 16	000	-	255	0% to 100%
94	Red 17	000	-	255	0% to 100%
95	Green 17	000	-	255	0% to 100%
96	Blue 17	000	-	255	0% to 100%
97	Lime 17	000	-	255	0% to 100%
98	Red 18	000	-	255	0% to 100%
99	Green 18	000	-	255	0% to 100%
100	Blue 18	000	-	255	0% to 100%
101	Lime 18	000	-	255	0% to 100%
102	Red 19	000	-	255	0% to 100%
103	Green 19	000	-	255	0% to 100%
104	Blue 19	000	-	255	0% to 100%
105	Lime 19	000	-	255	0% to 100%
106	Red 20	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



107	Green 20	000	-	255	0% to 100%
108	Blue 20	000	-	255	0% to 100%
109	Lime 20	000	-	255	0% to 100%
110	Red 21	000	-	255	0% to 100%
111	Green 21	000	-	255	0% to 100%
112	Blue 21	000	-	255	0% to 100%
113	Lime 21	000	-	255	0% to 100%
114	Red 22	000	-	255	0% to 100%
115	Green 22	000	-	255	0% to 100%
116	Blue 22	000	-	255	0% to 100%
117	Lime 22	000	-	255	0% to 100%
118	Red 23	000	-	255	0% to 100%
119	Green 23	000	-	255	0% to 100%
120	Blue 23	000	-	255	0% to 100%
121	Lime 23	000	-	255	0% to 100%
122	Red 24	000	-	255	0% to 100%
123	Green 24	000	-	255	0% to 100%
124	Blue 24	000	-	255	0% to 100%
125	Lime 24	000	-	255	0% to 100%
126	Red 25	000	-	255	0% to 100%
127	Green 25	000	-	255	0% to 100%
128	Blue 25	000	-	255	0% to 100%
129	Lime 25	000	-	255	0% to 100%
130	Red 26	000	-	255	0% to 100%
131	Green 26	000	-	255	0% to 100%
132	Blue 26	000	-	255	0% to 100%
133	Lime 26	000	-	255	0% to 100%
134	Red 27	000	-	255	0% to 100%
135	Green 27	000	-	255	0% to 100%
136	Blue 27	000	-	255	0% to 100%
137	Lime 27	000	-	255	0% to 100%
138	Red 28	000	-	255	0% to 100%
139	Green 28	000	-	255	0% to 100%
140	Blue 28	000	-	255	0% to 100%
141	Lime 28	000	-	255	0% to 100%
142	Red 29	000	-	255	0% to 100%
143	Green 29	000	-	255	0% to 100%
144	Blue 29	000	-	255	0% to 100%

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145	Lime 29	000	-	255	0% to 100%
146	Red 30	000	-	255	0% to 100%
147	Green 30	000	-	255	0% to 100%
148	Blue 30	000	-	255	0% to 100%
149	Lime 30	000	-	255	0% to 100%
150	Red 31	000	-	255	0% to 100%
151	Green 31	000	-	255	0% to 100%
152	Blue 31	000	-	255	0% to 100%
153	Lime 31	000	-	255	0% to 100%
154	Red 32	000	-	255	0% to 100%
155	Green 32	000	-	255	0% to 100%
156	Blue 32	000	-	255	0% to 100%
157	Lime 32	000	-	255	0% to 100%
158	Ring Red 1	000	-	255	0% to 100%
159	Ring Green 1	000	-	255	0% to 100%
160	Ring Blue 1	000	-	255	0% to 100%
161	Ring Red 2	000	-	255	0% to 100%
162	Ring Green 2	000	-	255	0% to 100%
163	Ring Blue 2	000	-	255	0% to 100%
164	Ring Red 3	000	-	255	0% to 100%
165	Ring Green 3	000	-	255	0% to 100%
166	Ring Blue 3	000	-	255	0% to 100%
167	Ring Red 4	000	-	255	0% to 100%
168	Ring Green 4	000	-	255	0% to 100%
169	Ring Blue 4	000	-	255	0% to 100%
170	Ring Red 5	000	-	255	0% to 100%
171	Ring Green 5	000	-	255	0% to 100%
172	Ring Blue 5	000	-	255	0% to 100%
173	Ring Red 6	000	-	255	0% to 100%
174	Ring Green 6	000	-	255	0% to 100%
175	Ring Blue 6	000	-	255	0% to 100%
176	Ring Red 7	000	-	255	0% to 100%
177	Ring Green 7	000	-	255	0% to 100%
178	Ring Blue 7	000	-	255	0% to 100%
179	Ring Red 8	000	-	255	0% to 100%
180	Ring Green 8	000	-	255	0% to 100%
181	Ring Blue 8	000	-	255	0% to 100%
182	Ring Red 9	000	-	255	0% to 100%

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183	Ring Green 9	000	-	255	0% to 100%
184	Ring Blue 9	000	-	255	0% to 100%
185	Ring Red 10	000	-	255	0% to 100%
186	Ring Green 10	000	-	255	0% to 100%
187	Ring Blue 10	000	-	255	0% to 100%
188	Ring Red 11	000	-	255	0% to 100%
189	Ring Green 11	000	-	255	0% to 100%
190	Ring Blue 11	000	-	255	0% to 100%
191	Ring Red 12	000	-	255	0% to 100%
192	Ring Green 12	000	-	255	0% to 100%
193	Ring Blue 12	000	-	255	0% to 100%
194	Ring Red 13	000	-	255	0% to 100%
195	Ring Green 13	000	-	255	0% to 100%
196	Ring Blue 13	000	-	255	0% to 100%
197	Ring Red 14	000	-	255	0% to 100%
198	Ring Green 14	000	-	255	0% to 100%
199	Ring Blue 14	000	-	255	0% to 100%
200	Ring Red 15	000	-	255	0% to 100%
201	Ring Green 15	000	-	255	0% to 100%
202	Ring Blue 15	000	-	255	0% to 100%
203	Ring Red 16	000	-	255	0% to 100%
204	Ring Green 16	000	-	255	0% to 100%
205	Ring Blue 16	000	-	255	0% to 100%
206	Ring Red 17	000	-	255	0% to 100%
207	Ring Green 17	000	-	255	0% to 100%
208	Ring Blue 17	000	-	255	0% to 100%
209	Ring Red 18	000	-	255	0% to 100%
210	Ring Green 18	000	-	255	0% to 100%
211	Ring Blue 18	000	-	255	0% to 100%
212	Ring Red 19	000	-	255	0% to 100%
213	Ring Green 19	000	-	255	0% to 100%
214	Ring Blue 19	000	-	255	0% to 100%
215	Ring Red 20	000	-	255	0% to 100%
216	Ring Green 20	000	-	255	0% to 100%
217	Ring Blue 20	000	-	255	0% to 100%
218	Ring Red 21	000	-	255	0% to 100%
219	Ring Green 21	000	-	255	0% to 100%
220	Ring Blue 21	000	-	255	0% to 100%

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DMX CONTROL TABLE



221	Ring Red 22	000	-	255	0% to 100%
222	Ring Green 22	000	-	255	0% to 100%
223	Ring Blue 22	000	-	255	0% to 100%
224	Ring Red 23	000	-	255	0% to 100%
225	Ring Green 23	000	-	255	0% to 100%
226	Ring Blue 23	000	-	255	0% to 100%
227	Ring Red 24	000	-	255	0% to 100%
228	Ring Green 24	000	-	255	0% to 100%
229	Ring Blue 24	000	-	255	0% to 100%
230	Ring Red 25	000	-	255	0% to 100%
231	Ring Green 25	000	-	255	0% to 100%
232	Ring Blue 25	000	-	255	0% to 100%
233	Ring Red 26	000	-	255	0% to 100%
234	Ring Green 26	000	-	255	0% to 100%
235	Ring Blue 26	000	-	255	0% to 100%
236	Ring Red 27	000	-	255	0% to 100%
237	Ring Green 27	000	-	255	0% to 100%
238	Ring Blue 27	000	-	255	0% to 100%
239	Ring Red 28	000	-	255	0% to 100%
240	Ring Green 28	000	-	255	0% to 100%
241	Ring Blue 28	000	-	255	0% to 100%
242	Ring Red 29	000	-	255	0% to 100%
243	Ring Green 29	000	-	255	0% to 100%
244	Ring Blue 29	000	-	255	0% to 100%
245	Ring Red 30	000	-	255	0% to 100%
246	Ring Green 30	000	-	255	0% to 100%
247	Ring Blue 30	000	-	255	0% to 100%
248	Ring Red 31	000	-	255	0% to 100%
249	Ring Green 31	000	-	255	0% to 100%
250	Ring Blue 31	000	-	255	0% to 100%
251	Ring Red 32	000	-	255	0% to 100%
252	Ring Green 32	000	-	255	0% to 100%
253	Ring Blue 32	000	-	255	0% to 100%
254	Ring Red 33	000	-	255	0% to 100%
255	Ring Green 33	000	-	255	0% to 100%
256	Ring Blue 33	000	-	255	0% to 100%
257	Ring Red 34	000	-	255	0% to 100%
258	Ring Green 34	000	-	255	0% to 100%

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DMX CONTROL TABLE



259	Ring Blue 34	000	-	255	0% to 100%
260	Ring Red 35	000	-	255	0% to 100%
261	Ring Green 35	000	-	255	0% to 100%
262	Ring Blue 35	000	-	255	0% to 100%
263	Ring Red 36	000	-	255	0% to 100%
264	Ring Green 36	000	-	255	0% to 100%
265	Ring Blue 36	000	-	255	0% to 100%
266	Ring Red 37	000	-	255	0% to 100%
267	Ring Green 37	000	-	255	0% to 100%
268	Ring Blue 37	000	-	255	0% to 100%
269	Ring Red 38	000	-	255	0% to 100%
270	Ring Green 38	000	-	255	0% to 100%
271	Ring Blue 38	000	-	255	0% to 100%
272	Ring Red 39	000	-	255	0% to 100%
273	Ring Green 39	000	-	255	0% to 100%
274	Ring Blue 39	000	-	255	0% to 100%
275	Ring Red 40	000	-	255	0% to 100%
276	Ring Green 40	000	-	255	0% to 100%
277	Ring Blue 40	000	-	255	0% to 100%
278	Ring Red 41	000	-	255	0% to 100%
279	Ring Green 41	000	-	255	0% to 100%
280	Ring Blue 41	000	-	255	0% to 100%
281	Ring Red 42	000	-	255	0% to 100%
282	Ring Green 42	000	-	255	0% to 100%
283	Ring Blue 42	000	-	255	0% to 100%
284	Ring Red 43	000	-	255	0% to 100%
285	Ring Green 43	000	-	255	0% to 100%
286	Ring Blue 43	000	-	255	0% to 100%
287	Ring Red 44	000	-	255	0% to 100%
288	Ring Green 44	000	-	255	0% to 100%
289	Ring Blue 44	000	-	255	0% to 100%
290	Ring Red 45	000	-	255	0% to 100%
291	Ring Green 45	000	-	255	0% to 100%
292	Ring Blue 45	000	-	255	0% to 100%
293	Ring Red 46	000	-	255	0% to 100%
294	Ring Green 46	000	-	255	0% to 100%
295	Ring Blue 46	000	-	255	0% to 100%
296	Ring Red 47	000	-	255	0% to 100%

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DMX CONTROL TABLE



297	Ring Green 47	000	-	255	0% to 100%
298	Ring Blue 47	000	-	255	0% to 100%
299	Ring Red 48	000	-	255	0% to 100%
300	Ring Green 48	000	-	255	0% to 100%
301	Ring Blue 48	000	-	255	0% to 100%
302	Ring Red 49	000	-	255	0% to 100%
303	Ring Green 49	000	-	255	0% to 100%
304	Ring Blue 49	000	-	255	0% to 100%
305	Ring Red 50	000	-	255	0% to 100%
306	Ring Green 50	000	-	255	0% to 100%
307	Ring Blue 50	000	-	255	0% to 100%
308	Ring Red 51	000	-	255	0% to 100%
309	Ring Green 51	000	-	255	0% to 100%
310	Ring Blue 51	000	-	255	0% to 100%
311	Ring Red 52	000	-	255	0% to 100%
312	Ring Green 52	000	-	255	0% to 100%
313	Ring Blue 52	000	-	255	0% to 100%
314	Ring Red 53	000	-	255	0% to 100%
315	Ring Green 53	000	-	255	0% to 100%
316	Ring Blue 53	000	-	255	0% to 100%
317	Ring Red 54	000	-	255	0% to 100%
318	Ring Green 54	000	-	255	0% to 100%
319	Ring Blue 54	000	-	255	0% to 100%
320	Ring Red 55	000	-	255	0% to 100%
321	Ring Green 55	000	-	255	0% to 100%
322	Ring Blue 55	000	-	255	0% to 100%
323	Ring Red 56	000	-	255	0% to 100%
324	Ring Green 56	000	-	255	0% to 100%
325	Ring Blue 56	000	-	255	0% to 100%
326	Ring Red 57	000	-	255	0% to 100%
327	Ring Green 57	000	-	255	0% to 100%
328	Ring Blue 57	000	-	255	0% to 100%
329	Ring Red 58	000	-	255	0% to 100%
330	Ring Green 58	000	-	255	0% to 100%
331	Ring Blue 58	000	-	255	0% to 100%
332	Ring Red 59	000	-	255	0% to 100%
333	Ring Green 59	000	-	255	0% to 100%
334	Ring Blue 59	000	-	255	0% to 100%

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DMX CONTROL TABLE



335	Ring Red 60	000	-	255	0% to 100%
336	Ring Green 60	000	-	255	0% to 100%
337	Ring Blue 60	000	-	255	0% to 100%
338	Ring Red 61	000	-	255	0% to 100%
339	Ring Green 61	000	-	255	0% to 100%
340	Ring Blue 61	000	-	255	0% to 100%
341	Ring Red 62	000	-	255	0% to 100%
342	Ring Green 62	000	-	255	0% to 100%
343	Ring Blue 62	000	-	255	0% to 100%
344	Ring Red 63	000	-	255	0% to 100%
345	Ring Green 63	000	-	255	0% to 100%
346	Ring Blue 63	000	-	255	0% to 100%
347	Ring Red 64	000	-	255	0% to 100%
348	Ring Green 64	000	-	255	0% to 100%
349	Ring Blue 64	000	-	255	0% to 100%
350	Ring Red 65	000	-	255	0% to 100%
351	Ring Green 65	000	-	255	0% to 100%
352	Ring Blue 65	000	-	255	0% to 100%
353	Ring Red 66	000	-	255	0% to 100%
354	Ring Green 66	000	-	255	0% to 100%
355	Ring Blue 66	000	-	255	0% to 100%
356	Ring Red 67	000	-	255	0% to 100%
357	Ring Green 67	000	-	255	0% to 100%
358	Ring Blue 67	000	-	255	0% to 100%
359	Ring Red 68	000	-	255	0% to 100%
360	Ring Green 68	000	-	255	0% to 100%
361	Ring Blue 68	000	-	255	0% to 100%
362	Ring Red 69	000	-	255	0% to 100%
363	Ring Green 69	000	-	255	0% to 100%
364	Ring Blue 69	000	-	255	0% to 100%
365	Ring Red 70	000	-	255	0% to 100%
366	Ring Green 70	000	-	255	0% to 100%
367	Ring Blue 70	000	-	255	0% to 100%
368	Ring Red 71	000	-	255	0% to 100%
369	Ring Green 71	000	-	255	0% to 100%
370	Ring Blue 71	000	-	255	0% to 100%
371	Ring Red 72	000	-	255	0% to 100%
372	Ring Green 72	000	-	255	0% to 100%

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DMX CONTROL TABLE



373	Ring Blue 72	000	-	255	0% to 100%
374	Ring Red 73	000	-	255	0% to 100%
375	Ring Green 73	000	-	255	0% to 100%
376	Ring Blue 73	000	-	255	0% to 100%
377	Ring Red 74	000	-	255	0% to 100%
378	Ring Green 74	000	-	255	0% to 100%
379	Ring Blue 74	000	-	255	0% to 100%
380	Ring Red 75	000	-	255	0% to 100%
381	Ring Green 75	000	-	255	0% to 100%
382	Ring Blue 75	000	-	255	0% to 100%
383	Ring Red 76	000	-	255	0% to 100%
384	Ring Green 76	000	-	255	0% to 100%
385	Ring Blue 76	000	-	255	0% to 100%
386	Ring Red 77	000	-	255	0% to 100%
387	Ring Green 77	000	-	255	0% to 100%
388	Ring Blue 77	000	-	255	0% to 100%
389	Ring Red 78	000	-	255	0% to 100%
390	Ring Green 78	000	-	255	0% to 100%
391	Ring Blue 78	000	-	255	0% to 100%
392	Ring Red 79	000	-	255	0% to 100%
393	Ring Green 79	000	-	255	0% to 100%
394	Ring Blue 79	000	-	255	0% to 100%
395	Ring Red 80	000	-	255	0% to 100%
396	Ring Green 80	000	-	255	0% to 100%
397	Ring Blue 80	000	-	255	0% to 100%
398	Ring Red 81	000	-	255	0% to 100%
399	Ring Green 81	000	-	255	0% to 100%
400	Ring Blue 81	000	-	255	0% to 100%
401	Ring Red 82	000	-	255	0% to 100%
402	Ring Green 82	000	-	255	0% to 100%
403	Ring Blue 82	000	-	255	0% to 100%
404	Ring Red 83	000	-	255	0% to 100%
405	Ring Green 83	000	-	255	0% to 100%
406	Ring Blue 83	000	-	255	0% to 100%
407	Ring Red 84	000	-	255	0% to 100%
408	Ring Green 84	000	-	255	0% to 100%
409	Ring Blue 84	000	-	255	0% to 100%
410	Ring Red 85	000	-	255	0% to 100%

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411	Ring Green 85	000	-	255	0% to 100%
412	Ring Blue 85	000	-	255	0% to 100%
413	Ring Red 86	000	-	255	0% to 100%
414	Ring Green 86	000	-	255	0% to 100%
415	Ring Blue 86	000	-	255	0% to 100%
416	Ring Red 87	000	-	255	0% to 100%
417	Ring Green 87	000	-	255	0% to 100%
418	Ring Blue 87	000	-	255	0% to 100%
419	Ring Red 88	000	-	255	0% to 100%
420	Ring Green 88	000	-	255	0% to 100%
421	Ring Blue 88	000	-	255	0% to 100%
422	Ring Red 89	000	-	255	0% to 100%
423	Ring Green 89	000	-	255	0% to 100%
424	Ring Blue 89	000	-	255	0% to 100%
425	Ring Red 90	000	-	255	0% to 100%
426	Ring Green 90	000	-	255	0% to 100%
427	Ring Blue 90	000	-	255	0% to 100%
428	Ring Red 91	000	-	255	0% to 100%
429	Ring Green 91	000	-	255	0% to 100%
430	Ring Blue 91	000	-	255	0% to 100%
431	Ring Red 92	000	-	255	0% to 100%
432	Ring Green 92	000	-	255	0% to 100%
433	Ring Blue 92	000	-	255	0% to 100%
434	Ring Red 93	000	-	255	0% to 100%
435	Ring Green 93	000	-	255	0% to 100%
436	Ring Blue 93	000	-	255	0% to 100%
437	Ring Red 94	000	-	255	0% to 100%
438	Ring Green 94	000	-	255	0% to 100%
439	Ring Blue 94	000	-	255	0% to 100%
440	Ring Red 95	000	-	255	0% to 100%
441	Ring Green 95	000	-	255	0% to 100%
442	Ring Blue 95	000	-	255	0% to 100%
443	Ring Red 96	000	-	255	0% to 100%
444	Ring Green 96	000	-	255	0% to 100%
445	Ring Blue 96	000	-	255	0% to 100%
446	Ring Red 97	000	-	255	0% to 100%
447	Ring Green 97	000	-	255	0% to 100%
448	Ring Blue 97	000	-	255	0% to 100%

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449	Ring Red 98	000	-	255	0% to 100%
450	Ring Green 98	000	-	255	0% to 100%
451	Ring Blue 98	000	-	255	0% to 100%

40CH HSI Pattern	50CH RGLB Pattern	Function	Values			
1	1	Pan	000	-	255	0% to 100%
2	2	Pan fine	000	-	255	
3	3	Tilt	000	-	255	0% to 100%
4	4	Tilt fine	000	-	255	
5	5	Dimmer (Segment 1, 2 & 3)	000	-	255	0% to 100%
6	6	Dimmer fine (Segment 1, 2 & 3)	000	-	255	
7	7	Strobe Functions (Segment 1, 2 & 3)	000	-	005	Open
			006	-	010	Closed
			011	-	022	Ramp up/down slow to fast
			023	-	033	Ramp up/down random slow to fast
			034	-	045	Ramp up slow to fast
			046	-	056	Ramp up random slow to fast
			057	-	068	Ramp down slow to fast
			069	-	079	Ramp down random slow to fast
			080	-	102	Random Strobe effect slow to fast
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)
			251	-	255	Open
	8	Red	000	-	255	0% to 100%
	9	Red fine	000	-	255	
	10	Green	000	-	255	0% to 100%
	11	Green fine	000	-	255	
	12	Blue	000	-	255	0% to 100%
	13	Blue fine	000	-	255	
	14	Lime	000	-	255	0% to 100%
	15	Lime fine	000	-	255	

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8		Hue	000 - 255	0° (Red) to 360°
9		Hue Fine	000 - 255	
10		Saturation	000 - 255	0% (White) to 100% (Color)
11	16	Color Temperature (affects Color Mixing)	000 - 005	Off
			006 - 006	Warm white
			007 - 046	Warm white to 2700K
			047 - 047	Bulb White (2700K)
			048 - 087	2700K to 3200K
			088 - 088	Halogen White (3200K)
			089 - 128	3200K to 4000K
			129 - 129	Neutral White (4000K)
			130 - 169	4000K to 5600K
			170 - 170	Studio White (5600K)
			171 - 210	5600K to 6500K
			211 - 211	Daylight White (6500K)
			212 - 251	6500K to Cold white
			252 - 255	Cold white
12	17	Tint (affects Color Temperature)	000 - 000	Off
			001 - 127	Magenta -> Neutral
			128 - 128	neutral
			129 - 255	Neutral -> Green
13	18	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function
			006 - 009	46 Dark Magenta
			010 - 013	29 Plasa Red
			014 - 017	26 Bright Red
			018 - 021	127 Smokey Pink
			022 - 025	36 Medium Pink
			026 - 029	19 Fire
			030 - 033	135 Deep Golden Amber
			034 - 037	778 Millennium Gold
			038 - 041	21 Gold Amber
			042 - 045	157 Pink
			046 - 049	110 Middle Rose
			050 - 053	109 Light Salmon
			054 - 057	35 Light Pink
			058 - 061	134 Golden Amber
			062 - 065	17 Surprise Peach
066 - 069	746 Brown			

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DMX CONTROL TABLE



13	18	Color Presets (override Color Mixing & Color Temperature)	070 - 073	105 Orange
			074 - 077	20 Medium Amber
			078 - 081	768 Egg Yolk Yellow
			082 - 085	15 Deep Straw
			086 - 089	767 Nectarine
			090 - 093	101 Yellow
			094 - 097	100 Spring Yellow
			098 - 101	88 Lime Green
			102 - 105	121 LEE Green
			106 - 109	738 Jas Green
			110 - 113	89 Moss Green
			114 - 117	139 Primary Green
			118 - 121	124 Dark Green
			122 - 125	323 Jade
			126 - 129	354 Special Steel Blue
			130 - 133	116 Medium Blue-Green
			134 - 137	183 Moonlight Blue
			138 - 141	132 Medium Blue
			142 - 145	119 Dark Blue
			146 - 149	716 Mikkel Blue
			150 - 153	71 Tokyo Blue
			154 - 157	181 Congo Blue
			158 - 161	799 Special KH Lavender
			162 - 165	707 Ultimate Violet
			166 - 169	343 Special Medium Lavender
			170 - 173	798 Chrysalis Pink
			174 - 177	701 Provence
			178 - 181	797 Deep Purple
			182 - 185	48 Rose Purple
			186 - 189	345 Fuchsia Pink
			190 - 193	795 Magical Magenta
			194 - 197	128 Bright Pink
			198 - 201	2 Rose Pink
202 - 207	User Color 1			
208 - 213	User Color 2			
214 - 219	User Color 3			
220 - 225	User Color 4			
226 - 231	User Color 5			

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



13	18	Color Presets (override Color Mixing & Color Temperature)	232 - 237	User Color 6
			238 - 243	User Color 7
			244 - 249	User Color 8
			250 - 255	No function
14	19	Color Crossfade (affects HSI, CCT and Color Presets)	000 - 005	0s (Off)
			006 - 105	0,1s - 10s (0,1s Steps)
			106 - 214	11s - 119s (1s Steps)
			215 - 244	2m - 4m50s (10s Steps)
		245 - 255	5m - 15m (1m Steps)	
15	20	Ring Dimmer	000 - 255	0% to 100%
16	21	Ring Red	000 - 255	0% to 100%
17	22	Ring Green	000 - 255	0% to 100%
18	23	Ring Blue	000 - 255	0% to 100%
19	24	Ring Strobe	000 - 005	Open
			006 - 010	Closed
			011 - 022	Ramp up/down slow to fast
			023 - 033	Ramp up/down random slow to fast
			034 - 045	Ramp up slow to fast
			046 - 056	Ramp up random slow to fast
			057 - 068	Ramp down slow to fast
			069 - 079	Ramp down random slow to fast
			080 - 102	Random Strobe effect slow to fast
			103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
			128 - 250	Strobe slow to fast (<1Hz to 20Hz)
			251 - 255	Open
20	25	Ring Pattern Selection	000 - 005	Off
			006 - 026	1
			027 - 047	2
			048 - 068	3
			069 - 089	4
			090 - 110	5
			111 - 131	6
			132 - 152	7
			153 - 173	8
			174 - 194	9
			195 - 215	10
			216 - 236	11

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DMX CONTROL TABLE



20	25	Ring Pattern Selection	237	-	255	12
21	26	Ring Pattern Speed	000	-	005	Ring Pattern Speed Stop
			006	-	063	Ring Pattern Speed slow to fast (Chase)
			064	-	127	Ring Pattern Speed fast to slow (Chase) (backwards)
			128	-	127	Ring Pattern Speed slow to fast (Fade)
			192	-	255	Ring Pattern Speed fast to slow (Fade) (backwards)
22	27	Pattern Folder	000	-	005	Off
			006	-	064	Static Pattern 1
			065	-	128	Static Pattern 2
			129	-	192	Effect Pattern 1
			193	-	255	Effect Pattern 2
23	28	Pattern Selection	000	-	005	Off
			006	-	009	1
			010	-	013	2
			014	-	017	3
			018	-	021	4
			022	-	025	5
			026	-	029	6
			030	-	033	7
			034	-	037	8
			038	-	041	9
			042	-	045	10
			046	-	229	11 to 49
			230	-	255	50
24	29	Pattern Position & Speed	000	-	005	Effect Pattern Speed Stop
			006	-	127	Effect Pattern Speed slow to fast
			128	-	255	Effect Pattern Speed fast to slow (backwards)
25	30	Pattern Transition	000	-	005	0s (Off)
			006	-	255	0,1s to 5s
26	31	Pattern Fade/ Wake Effect	000	-	005	off
			006	-	127	Fade 0% to 100%
			128	-	255	Wake 0% to 100%

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DMX CONTROL TABLE



27	32	Background Dimmer	000	-	255	0% to 100%
28	33	Background Dimmer fine	000	-	255	
29	34	Background Strobe	000	-	005	Open
			006	-	010	Closed
			011	-	022	Ramp up/down slow to fast
			023	-	033	Ramp up/down random slow to fast
			034	-	045	Ramp up slow to fast
			046	-	056	Ramp up random slow to fast
			057	-	068	Ramp down slow to fast
			069	-	079	Ramp down random slow to fast
			080	-	102	Random Strobe effect slow to fast
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)
			251	-	255	Open
	35	Background Red	000	-	255	0% to 100%
	36	Background Red fine	000	-	255	
	37	Background Green	000	-	255	0% to 100%
	38	Background Green fine	000	-	255	
	39	Background Blue	000	-	255	0% to 100%
	40	Background Blue fine	000	-	255	
	41	Background Lime	000	-	255	0% to 100%
	42	Background Lime fine	000	-	255	
30		Background Hue	000	-	255	0° (Red) to 360°
31		Background Hue fine	000	-	255	
32		Background Saturation	000	-	255	0% (White) to 100% (Color)

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DMX CONTROL TABLE



33	43	Background Color Temperature (affects Background Color Mixing)	000 - 005	Off
			006 - 006	Warm white
			007 - 046	Warm white to 2700K
			047 - 047	Bulb White (2700K)
			048 - 087	2700K to 3200K
			088 - 088	Halogen White (3200K)
			089 - 128	3200K to 4000K
			129 - 129	Neutral White (4000K)
			130 - 169	4000K to 5600K
			170 - 170	Studio White (5600K)
			171 - 210	5600K to 6500K
			211 - 211	Daylight White (6500K)
			212 - 251	6500K to Cold white
			252 - 255	Cold white
34	44	Background Tint (affects Background Color Temperature)	000 - 000	Off
			001 - 127	Magenta -> Neutral
			128 - 128	neutral
			129 - 255	Neutral -> Green
35	45	Background Color Presets (override Background Color Mixing & Color Temperature)	000 - 005	No function
			006 - 009	46 Dark Magenta
			010 - 013	29 Plasa Red
			014 - 017	26 Bright Red
			018 - 021	127 Smokey Pink
			022 - 025	36 Medium Pink
			026 - 029	19 Fire
			030 - 033	135 Deep Golden Amber
			034 - 037	778 Millennium Gold
			038 - 041	21 Gold Amber
			042 - 045	157 Pink
			046 - 049	110 Middle Rose
			050 - 053	109 Light Salmon
			054 - 057	35 Light Pink
			058 - 061	134 Golden Amber
			062 - 065	17 Surprise Peach
			066 - 069	746 Brown
			070 - 073	105 Orange
			074 - 077	20 Medium Amber

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DMX CONTROL TABLE



35	45	Background Color Presets (override Back- ground Color Mixing & Color Temperature)	078 - 081	768 Egg Yolk Yellow
			082 - 085	15 Deep Straw
			086 - 089	767 Nectarine
			090 - 093	101 Yellow
			094 - 097	100 Spring Yellow
			098 - 101	88 Lime Green
			102 - 105	121 LEE Green
			106 - 109	738 Jas Green
			110 - 113	89 Moss Green
			114 - 117	139 Primary Green
			118 - 121	124 Dark Green
			122 - 125	323 Jade
			126 - 129	354 Special Steel Blue
			130 - 133	116 Medium Blue-Green
			134 - 137	183 Moonlight Blue
			138 - 141	132 Medium Blue
			142 - 145	119 Dark Blue
			146 - 149	716 Mikkell Blue
			150 - 153	71 Tokyo Blue
			154 - 157	181 Congo Blue
			158 - 161	799 Special KH Lavender
			162 - 165	707 Ultimate Violet
			166 - 169	343 Special Medium Lavender
			170 - 173	798 Chrysalis Pink
			174 - 177	701 Provence
			178 - 181	797 Deep Purple
			182 - 185	48 Rose Purple
			186 - 189	345 Fuchsia Pink
			190 - 193	795 Magical Magenta
			194 - 197	128 Bright Pink
			198 - 201	2 Rose Pink
			202 - 207	User Color 1
			208 - 213	User Color 2
			214 - 219	User Color 3
			220 - 225	User Color 4
226 - 231	User Color 5			
232 - 237	User Color 6			
238 - 243	User Color 7			

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DMX CONTROL TABLE



35	45	Background Color Presets (override Background Color Mixing & Color Temperature)	244 - 249	User Color 8
			250 - 255	No function
36	46	Background Color Crossfade (affects Background HSI, CCT and Color Presets)	000 - 005	0s (Off)
			006 - 105	0,1s - 10s (0,1s Steps)
			106 - 214	11s - 119s (1s Steps)
			215 - 244	2m - 4m50s (10s Steps)
			245 - 255	5m - 15m (1m Steps)
37	47	Zoom (Segment 1)	000 - 255	Narrow to Wide
38	48	Zoom (Segment 2)	000 - 255	Narrow to Wide
39	49	Zoom (Segment 3)	000 - 255	Narrow to Wide
40	50	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function
			006 - 007	Blackout while P/T moving On
			008 - 009	Blackout while P/T moving Off
			010 - 017	No function
			018 - 019	Sleep Mode On
			020 - 021	Sleep Mode Off/Wake Up
			022 - 024	No function
			025 - 025	Record User Scene 1
			026 - 026	Record User Scene 2
			027 - 027	Record User Scene 3
			028 - 028	Record User Scene 4
			029 - 029	Record User Scene 5
			030 - 030	Record User Scene 6
			031 - 031	Record User Scene 7
			032 - 032	Record User Scene 8
			033 - 041	No function
			042 - 043	Invert Pan On
			044 - 045	Invert Pan Off
			046 - 047	Invert Tilt On
			048 - 049	Invert Tilt Off
050 - 051	Pan Angle 540°			
052 - 053	Pan Angle 630°			
054 - 057	No Function			

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DMX CONTROL TABLE



40	50	Background Color Presets (override Back- ground Color Mixing & Color Temperature)	058 - 059	Pixel Mirroring Off
			060 - 061	Pixel Mirroring Horizontal
			062 - 063	Pixel Mirroring Vertical
			064 - 065	Pixel Mirroring Horizontal + Vertical
			066 - 073	No function
			074 - 075	Dimmer Response LED
			076 - 077	Dimmer Response Halogen
			078 - 081	No function
			082 - 083	DTW (Redshift) On
			084 - 085	DTW (Redshift) Off
			086 - 093	No function
			094 - 095	Silent movement On
			096 - 097	Silent movement Off
			098 - 099	Fan Auto
			100 - 101	Fan Off
			102 - 103	Fan Constant Low
			104 - 105	Fan Constant Medium
			106 - 107	Fan Constant High
			108 - 119	No function
			120 - 121	PWM 1 (650 Hz)
			122 - 123	PWM 2 (1530 Hz)
			124 - 125	PWM 3 (3600 Hz)
			126 - 127	PWM 4 (12000 Hz)
			128 - 129	PWM 5 (18900 Hz)
			130 - 131	PWM 6 (25000 Hz)
			132 - 133	RAW
			134 - 135	Factory Calibration
			136 - 137	User Calibration
			138 - 139	Smart Calibration
			140 - 141	Display Always On
			142 - 143	Display Off after 20s
			144 - 163	No function
			164 - 165	Dimmer Curve Linear
166 - 167	Dimmer Curve Exponential			
168 - 169	Dimmer Curve Logarithmic			
170 - 171	Dimmer Curve S-Curve			
172 - 221	No function			
222 - 223	Reset Pan / Tilt			

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DMX CONTROL TABLE



40	50	Background Color Presets (override Background Color Mixing & Color Temperature)	224	-	233	No function
			234	-	235	Reset Head
			236	-	237	Reset All
			238	-	239	No function
			240	-	241	Load Factory Defaults
			242	-	243	Load Factory Defaults (without User Scenes & Loops)
			244	-	245	Load User Default A
			246	-	247	Load User Default B
			248	-	249	Load User Default C
			250	-	255	No function

57CH RGLB Rings						
Channel	Function	Values				
1	Pan	000	-	255	0% to 100%	
2	Pan fine	000	-	255		
3	Tilt	000	-	255	0% to 100%	
4	Tilt fine	000	-	255		
5	Dimmer (Segment 1)	000	-	255	0% to 100%	
6	Dimmer fine (Segment 1)	000	-	255		
7	Dimmer (Segment 2)	000	-	255	0% to 100%	
8	Dimmer fine (Segment 2)	000	-	255		
9	Dimmer (Segment 3)	000	-	255	0% to 100%	
10	Dimmer fine (Segment 3)	000	-	255		
11	Strobe Functions (Segment 1)	000	-	005	Open	
		006	-	010	Closed	
		011	-	022	Ramp up/down slow to fast	
		023	-	033	Ramp up/down random slow to fast	
		034	-	045	Ramp up slow to fast	
		046	-	056	Ramp up random slow to fast	

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DMX CONTROL TABLE



11	Strobe Functions (Segment 1)	057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
		251 - 255	Open
12	Strobe Functions (Segment 2)	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
		251 - 255	Open
13	Strobe Functions (Segment 3)	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
		251 - 255	Open
14	Color Temperature (affects Color Mixing)	000 - 005	Off
		006 - 006	Warm white
		007 - 046	Warm white to 2700K
		047 - 047	Bulb White (2700K)
		048 - 087	2700K to 3200K

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DMX CONTROL TABLE



14	Color Temperature (affects Color Mixing)	088 - 088	Halogen White (3200K)
		089 - 128	3200K to 4000K
		129 - 129	Neutral White (4000K)
		130 - 169	4000K to 5600K
		170 - 170	Studio White (5600K)
		171 - 210	5600K to 6500K
		211 - 211	Daylight White (6500K)
		212 - 251	6500K to Cold white
		252 - 255	Cold white
15	Tint (affects Color Temperature)	000 - 000	Off
		001 - 127	Magenta -> Neutral
		128 - 128	neutral
		129 - 255	Neutral -> Green
16	Ring Dimmer	000 - 255	0% to 100%
17	Ring Strobe	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
251 - 255	Open		
18	Zoom (Segment 1)	000 - 255	Narrow to Wide
19	Zoom (Segment 2)	000 - 255	Narrow to Wide
20	Zoom (Segment 3)	000 - 255	Narrow to Wide
21	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function
		006 - 007	Blackout while P/T moving On
		008 - 009	Blackout while P/T moving Off
		010 - 017	No function
		018 - 019	Sleep Mode On
		020 - 021	Sleep Mode Off/Wake Up
		022 - 024	No function
		025 - 025	Record User Scene 1

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DMX CONTROL TABLE



21	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	026	-	026	Record User Scene 2
		027	-	027	Record User Scene 3
		028	-	028	Record User Scene 4
		029	-	029	Record User Scene 5
		030	-	030	Record User Scene 6
		031	-	031	Record User Scene 7
		032	-	032	Record User Scene 8
		033	-	041	No function
		042	-	043	Invert Pan On
		044	-	045	Invert Pan Off
		046	-	047	Invert Tilt On
		048	-	049	Invert Tilt Off
		050	-	051	Pan Angle 540°
		052	-	053	Pan Angle 630°
		054	-	057	No Function
		058	-	059	Pixel Mirroring Off
		060	-	061	Pixel Mirroring Horizontal
		062	-	063	Pixel Mirroring Vertical
		064	-	065	Pixel Mirroring Horizontal + Vertical
		066	-	073	No function
		074	-	075	Dimmer Response LED
		076	-	077	Dimmer Response Halogen
		078	-	081	No function
		082	-	083	DTW (Redshift) On
		084	-	085	DTW (Redshift) Off
		086	-	093	No function
		094	-	095	Silent movement On
		096	-	097	Silent movement Off
		098	-	099	Fan Auto
		100	-	101	Fan Off
102	-	103	Fan Constant Low		
104	-	105	Fan Constant Medium		
106	-	107	Fan Constant High		
108	-	119	No function		
120	-	121	PWM 1 (650 Hz)		
122	-	123	PWM 2 (1530 Hz)		
124	-	125	PWM 3 (3600 Hz)		
126	-	127	PWM 4 (12000 Hz)		

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DMX CONTROL TABLE



21	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	128	-	129	PWM 5 (18900 Hz)
		130	-	131	PWM 6 (25000 Hz)
		132	-	133	RAW
		134	-	135	Factory Calibration
		136	-	137	User Calibration
		138	-	139	Smart Calibration
		140	-	141	Display Always On
		142	-	143	Display Off after 20s
		144	-	163	No function
		164	-	165	Dimmer Curve Linear
		166	-	167	Dimmer Curve Exponential
		168	-	169	Dimmer Curve Logarithmic
		170	-	171	Dimmer Curve S-Curve
		172	-	221	No function
		222	-	223	Reset Pan / Tilt
		224	-	233	No function
		234	-	235	Reset Head
		236	-	237	Reset All
		238	-	239	No function
		240	-	241	Load Factory Defaults
242	-	243	Load Factory Defaults (without User Scenes & Loops)		
244	-	245	Load User Default A		
246	-	247	Load User Default B		
248	-	249	Load User Default C		
250	-	255	no function		
22	Red (Segment 1)	000	-	255	0% to 100%
23	Green (Segment 1)	000	-	255	0% to 100%
24	Blue (Segment 1)	000	-	255	0% to 100%
25	Lime (Segment 1)	000	-	255	0% to 100%
26	Red (Segment 2)	000	-	255	0% to 100%
27	Green (Segment 2)	000	-	255	0% to 100%
28	Blue (Segment 2)	000	-	255	0% to 100%
29	Lime (Segment 2)	000	-	255	0% to 100%

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DMX CONTROL TABLE



30	Red (Segment 3)	000	-	255	0% to 100%
31	Green (Segment 3)	000	-	255	0% to 100%
32	Blue (Segment 3)	000	-	255	0% to 100%
33	Lime (Segment 3)	000	-	255	0% to 100%
34	Ring Red (Segment 1)	000	-	255	0% to 100%
35	Ring Green (Segment 1)	000	-	255	0% to 100%
36	Ring Blue (Segment 1)	000	-	255	0% to 100%
37	Ring Red (Segment 2)	000	-	255	0% to 100%
38	Ring Green (Segment 2)	000	-	255	0% to 100%
39	Ring Blue (Segment 2)	000	-	255	0% to 100%
40	Ring Red (Segment 3)	000	-	255	0% to 100%
41	Ring Green (Segment 3)	000	-	255	0% to 100%
42	Ring Blue (Segment 3)	000	-	255	0% to 100%
43	Ring Red (Segment 4)	000	-	255	0% to 100%
44	Ring Green (Segment 4)	000	-	255	0% to 100%
45	Ring Blue (Segment 4)	000	-	255	0% to 100%
46	Ring Red (Segment 5)	000	-	255	0% to 100%
47	Ring Green (Segment 5)	000	-	255	0% to 100%
48	Ring Blue (Segment 5)	000	-	255	0% to 100%
49	Ring Red (Segment 6)	000	-	255	0% to 100%

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50	Ring Green (Segment 6)	000	-	255	0% to 100%
51	Ring Blue (Segment 6)	000	-	255	0% to 100%
52	Ring Red (Segment 7)	000	-	255	0% to 100%
53	Ring Green (Segment 7)	000	-	255	0% to 100%
54	Ring Blue (Segment 7)	000	-	255	0% to 100%
55	Ring Red (Segment 8)	000	-	255	0% to 100%
56	Ring Green (Segment 8)	000	-	255	0% to 100%
57	Ring Blue (Segment 8)	000	-	255	0% to 100%

165CH RGLB Pixel					
Channel	Function	Values			
1	Pan	000	-	255	0% to 100%
2	Pan fine	000	-	255	
3	Tilt	000	-	255	0% to 100%
4	Tilt fine	000	-	255	
5	Dimmer (Segment 1, 2 & 3)	000	-	255	0% to 100%
6	Dimmer fine (Segment 1, 2 & 3)	000	-	255	
7	Strobe Functions (Segment 1, 2 & 3)	000	-	005	Open
		006	-	010	Closed
		011	-	022	Ramp up/down slow to fast
		023	-	033	Ramp up/down random slow to fast
		034	-	045	Ramp up slow to fast
		046	-	056	Ramp up random slow to fast
		057	-	068	Ramp down slow to fast
		069	-	079	Ramp down random slow to fast
		080	-	102	Random Strobe effect slow to fast

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DMX CONTROL TABLE



7	Strobe Functions (Segment 1, 2 & 3)	103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)
		251 - 255	Open
8	Ring Dimmer	000 - 255	0% to 100%
9	Ring Strobe	000 - 005	Open
		006 - 010	Closed
		011 - 022	Ramp up/down slow to fast
		023 - 033	Ramp up/down random slow to fast
		034 - 045	Ramp up slow to fast
		046 - 056	Ramp up random slow to fast
		057 - 068	Ramp down slow to fast
		069 - 079	Ramp down random slow to fast
		080 - 102	Random Strobe effect slow to fast
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)
10	Zoom (Segment 1)	000 - 255	Narrow to Wide
		000 - 255	Narrow to Wide
		000 - 255	Narrow to Wide
11	Zoom (Segment 2)	000 - 255	Narrow to Wide
		000 - 255	Narrow to Wide
		000 - 255	Narrow to Wide
12	Zoom (Segment 3)	000 - 255	Narrow to Wide
		000 - 255	Narrow to Wide
		000 - 255	Narrow to Wide
13	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function
		006 - 007	Blackout while P/T moving On
		008 - 009	Blackout while P/T moving Off
		010 - 017	No function
		018 - 019	Sleep Mode On
		020 - 021	Sleep Mode Off/Wake Up
		022 - 024	No function
		025 - 025	Record User Scene 1
		026 - 026	Record User Scene 2
		027 - 027	Record User Scene 3
		028 - 028	Record User Scene 4
		029 - 029	Record User Scene 5
		030 - 030	Record User Scene 6
		031 - 031	Record User Scene 7
032 - 032	Record User Scene 8		

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DMX CONTROL TABLE



13	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	033 - 041	No function
		042 - 043	Invert Pan On
		044 - 045	Invert Pan Off
		046 - 047	Invert Tilt On
		048 - 049	Invert Tilt Off
		050 - 051	Pan Angle 540°
		052 - 053	Pan Angle 630°
		054 - 057	No Function
		058 - 059	Pixel Mirroring Off
		060 - 061	Pixel Mirroring Horizontal
		062 - 063	Pixel Mirroring Vertical
		064 - 065	Pixel Mirroring Horizontal + Vertical
		066 - 073	No function
		074 - 075	Dimmer Response LED
		076 - 077	Dimmer Response Halogen
		078 - 081	No function
		082 - 083	DTW (Redshift) On
		084 - 085	DTW (Redshift) Off
		086 - 093	No function
		094 - 095	Silent movement On
		096 - 097	Silent movement Off
		098 - 099	Fan Auto
		100 - 101	Fan Off
		102 - 103	Fan Constant Low
		104 - 105	Fan Constant Medium
		106 - 107	Fan Constant High
		108 - 119	No function
		120 - 121	PWM 1 (650 Hz)
		122 - 123	PWM 2 (1530 Hz)
		124 - 125	PWM 3 (3600 Hz)
		126 - 127	PWM 4 (12000 Hz)
		128 - 129	PWM 5 (18900 Hz)
		130 - 131	PWM 6 (25000 Hz)
		132 - 133	RAW
		134 - 135	Factory Calibration
		136 - 137	User Calibration
		138 - 139	Smart Calibration
		140 - 141	Display Always On

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DMX CONTROL TABLE



13	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	142	-	143	Display Off after 20s
		144	-	163	No function
		164	-	165	Dimmer Curve Linear
		166	-	167	Dimmer Curve Exponential
		168	-	169	Dimmer Curve Logarithmic
		170	-	171	Dimmer Curve S-Curve
		172	-	221	No function
		222	-	223	Reset Pan / Tilt
		224	-	233	No function
		234	-	235	Reset Head
		236	-	237	Reset All
		238	-	239	No function
		240	-	241	Load Factory Defaults
		242	-	243	Load Factory Defaults (without User Scenes & Loops)
		244	-	245	Load User Default A
246	-	247	Load User Default B		
248	-	249	Load User Default C		
		250	-	255	no function
14	Red 1	000	-	255	0% to 100%
15	Green 1	000	-	255	0% to 100%
16	Blue 1	000	-	255	0% to 100%
17	Lime 1	000	-	255	0% to 100%
18	Red 2	000	-	255	0% to 100%
19	Green 2	000	-	255	0% to 100%
20	Blue 2	000	-	255	0% to 100%
21	Lime 2	000	-	255	0% to 100%
22	Red 3	000	-	255	0% to 100%
23	Green 3	000	-	255	0% to 100%
24	Blue 3	000	-	255	0% to 100%
25	Lime 3	000	-	255	0% to 100%
26	Red 4	000	-	255	0% to 100%
27	Green 4	000	-	255	0% to 100%
28	Blue 4	000	-	255	0% to 100%
29	Lime 4	000	-	255	0% to 100%
30	Red 5	000	-	255	0% to 100%
31	Green 5	000	-	255	0% to 100%
32	Blue 5	000	-	255	0% to 100%

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33	Lime 5	000	-	255	0% to 100%
34	Red 6	000	-	255	0% to 100%
35	Green 6	000	-	255	0% to 100%
36	Blue 6	000	-	255	0% to 100%
37	Lime 6	000	-	255	0% to 100%
38	Red 7	000	-	255	0% to 100%
39	Green 7	000	-	255	0% to 100%
40	Blue 7	000	-	255	0% to 100%
41	Lime 7	000	-	255	0% to 100%
42	Red 8	000	-	255	0% to 100%
43	Green 8	000	-	255	0% to 100%
44	Blue 8	000	-	255	0% to 100%
45	Lime 8	000	-	255	0% to 100%
46	Red 9	000	-	255	0% to 100%
47	Green 9	000	-	255	0% to 100%
48	Blue 9	000	-	255	0% to 100%
49	Lime 9	000	-	255	0% to 100%
50	Red 10	000	-	255	0% to 100%
51	Green 10	000	-	255	0% to 100%
52	Blue 10	000	-	255	0% to 100%
53	Lime 10	000	-	255	0% to 100%
54	Red 11	000	-	255	0% to 100%
55	Green 11	000	-	255	0% to 100%
56	Blue 11	000	-	255	0% to 100%
57	Lime 11	000	-	255	0% to 100%
58	Red 12	000	-	255	0% to 100%
59	Green 12	000	-	255	0% to 100%
60	Blue 12	000	-	255	0% to 100%
61	Lime 12	000	-	255	0% to 100%
62	Red 13	000	-	255	0% to 100%
63	Green 13	000	-	255	0% to 100%
64	Blue 13	000	-	255	0% to 100%
65	Lime 13	000	-	255	0% to 100%
66	Red 14	000	-	255	0% to 100%
67	Green 14	000	-	255	0% to 100%
68	Blue 14	000	-	255	0% to 100%
69	Lime 14	000	-	255	0% to 100%
70	Red 15	000	-	255	0% to 100%

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71	Green 15	000	-	255	0% to 100%
72	Blue 15	000	-	255	0% to 100%
73	Lime 15	000	-	255	0% to 100%
74	Red 16	000	-	255	0% to 100%
75	Green 16	000	-	255	0% to 100%
76	Blue 16	000	-	255	0% to 100%
77	Lime 16	000	-	255	0% to 100%
78	Red 17	000	-	255	0% to 100%
79	Green 17	000	-	255	0% to 100%
80	Blue 17	000	-	255	0% to 100%
81	Lime 17	000	-	255	0% to 100%
82	Red 18	000	-	255	0% to 100%
83	Green 18	000	-	255	0% to 100%
84	Blue 18	000	-	255	0% to 100%
85	Lime 18	000	-	255	0% to 100%
86	Red 19	000	-	255	0% to 100%
87	Green 19	000	-	255	0% to 100%
88	Blue 19	000	-	255	0% to 100%
89	Lime 19	000	-	255	0% to 100%
90	Red 20	000	-	255	0% to 100%
91	Green 20	000	-	255	0% to 100%
92	Blue 20	000	-	255	0% to 100%
93	Lime 20	000	-	255	0% to 100%
94	Red 21	000	-	255	0% to 100%
95	Green 21	000	-	255	0% to 100%
96	Blue 21	000	-	255	0% to 100%
97	Lime 21	000	-	255	0% to 100%
98	Red 22	000	-	255	0% to 100%
99	Green 22	000	-	255	0% to 100%
100	Blue 22	000	-	255	0% to 100%
101	Lime 22	000	-	255	0% to 100%
102	Red 23	000	-	255	0% to 100%
103	Green 23	000	-	255	0% to 100%
104	Blue 23	000	-	255	0% to 100%
105	Lime 23	000	-	255	0% to 100%
106	Red 24	000	-	255	0% to 100%
107	Green 24	000	-	255	0% to 100%
108	Blue 24	000	-	255	0% to 100%

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109	Lime 24	000	-	255	0% to 100%
110	Red 25	000	-	255	0% to 100%
111	Green 25	000	-	255	0% to 100%
112	Blue 25	000	-	255	0% to 100%
113	Lime 25	000	-	255	0% to 100%
114	Red 26	000	-	255	0% to 100%
115	Green 26	000	-	255	0% to 100%
116	Blue 26	000	-	255	0% to 100%
117	Lime 26	000	-	255	0% to 100%
118	Red 27	000	-	255	0% to 100%
119	Green 27	000	-	255	0% to 100%
120	Blue 27	000	-	255	0% to 100%
121	Lime 27	000	-	255	0% to 100%
122	Red 28	000	-	255	0% to 100%
123	Green 28	000	-	255	0% to 100%
124	Blue 28	000	-	255	0% to 100%
125	Lime 28	000	-	255	0% to 100%
126	Red 29	000	-	255	0% to 100%
127	Green 29	000	-	255	0% to 100%
128	Blue 29	000	-	255	0% to 100%
129	Lime 29	000	-	255	0% to 100%
130	Red 30	000	-	255	0% to 100%
131	Green 30	000	-	255	0% to 100%
132	Blue 30	000	-	255	0% to 100%
133	Lime 30	000	-	255	0% to 100%
134	Red 31	000	-	255	0% to 100%
135	Green 31	000	-	255	0% to 100%
136	Blue 31	000	-	255	0% to 100%
137	Lime 31	000	-	255	0% to 100%
138	Red 32	000	-	255	0% to 100%
139	Green 32	000	-	255	0% to 100%
140	Blue 32	000	-	255	0% to 100%
141	Lime 32	000	-	255	0% to 100%
142	Ring Red (Segment 1)	000	-	255	0% to 100%
143	Ring Green (Segment 1)	000	-	255	0% to 100%

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144	Ring Blue (Segment 1)	000	-	255	0% to 100%
145	Ring Red (Segment 2)	000	-	255	0% to 100%
146	Ring Green (Segment 2)	000	-	255	0% to 100%
147	Ring Blue (Segment 2)	000	-	255	0% to 100%
148	Ring Red (Segment 3)	000	-	255	0% to 100%
149	Ring Green (Segment 3)	000	-	255	0% to 100%
150	Ring Blue (Segment 3)	000	-	255	0% to 100%
151	Ring Red (Segment 4)	000	-	255	0% to 100%
152	Ring Green (Segment 4)	000	-	255	0% to 100%
153	Ring Blue (Segment 4)	000	-	255	0% to 100%
154	Ring Red (Segment 5)	000	-	255	0% to 100%
155	Ring Green (Segment 5)	000	-	255	0% to 100%
156	Ring Blue (Segment 5)	000	-	255	0% to 100%
157	Ring Red (Segment 6)	000	-	255	0% to 100%
158	Ring Green (Segment 6)	000	-	255	0% to 100%
159	Ring Blue (Segment 6)	000	-	255	0% to 100%
160	Ring Red (Segment 7)	000	-	255	0% to 100%
161	Ring Green (Segment 7)	000	-	255	0% to 100%
162	Ring Blue (Segment 7)	000	-	255	0% to 100%

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DMX CONTROL TABLE



163	Ring Red (Segment 8)	000	-	255	0% to 100%
164	Ring Green (Segment 8)	000	-	255	0% to 100%
165	Ring Blue (Segment 8)	000	-	255	0% to 100%

445CH RGLB Pixel Full					
Channel	Function	Values			
1	Pan	000	-	255	0% to 100%
2	Pan fine	000	-	255	
3	Tilt	000	-	255	0% to 100%
4	Tilt fine	000	-	255	
5	Dimmer (Segment 1, 2 & 3)	000	-	255	0% to 100%
6	Dimmer fine (Segment 1, 2 & 3)	000	-	255	
7	Strobe Functions (Segment 1, 2 & 3)	000	-	005	Open
		006	-	010	Closed
		011	-	022	Ramp up/down slow to fast
		023	-	033	Ramp up/down random slow to fast
		034	-	045	Ramp up slow to fast
		046	-	056	Ramp up random slow to fast
		057	-	068	Ramp down slow to fast
		069	-	079	Ramp down random slow to fast
		080	-	102	Random Strobe effect slow to fast
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)
		251	-	255	Open
8	Red	000	-	255	0% to 100%
9	Red fine	000	-	255	
10	Green	000	-	255	0% to 100%
11	Green fine	000	-	255	

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



12	Blue	000	-	255	0% to 100%
13	Blue fine	000	-	255	
14	Lime	000	-	255	0% to 100%
15	Lime fine	000	-	255	
16	Color Temperature (affects Color Mixing)	000	-	005	Off
		006	-	006	Warm white
		007	-	046	Warm white to 2700K
		047	-	047	Bulb White (2700K)
		048	-	087	2700K to 3200K
		088	-	088	Halogen White (3200K)
		089	-	128	3200K to 4000K
		129	-	129	Neutral White (4000K)
		130	-	169	4000K to 5600K
		170	-	170	Studio White (5600K)
		171	-	210	5600K to 6500K
		211	-	211	Daylight White (6500K)
		212	-	251	6500K to Cold white
252	-	255	Cold white		
17	Tint (affects Color Temperature)	000	-	000	Off
		001	-	127	Magenta -> Neutral
		128	-	128	neutral
		129	-	255	Neutral -> Green
18	Ring Dimmer	000	-	255	0% to 100%
19	Ring Strobe	000	-	005	Open
		006	-	010	Closed
		011	-	022	Ramp up/down slow to fast
		023	-	033	Ramp up/down random slow to fast
		034	-	045	Ramp up slow to fast
		046	-	056	Ramp up random slow to fast
		057	-	068	Ramp down slow to fast
		069	-	079	Ramp down random slow to fast
		080	-	102	Random Strobe effect slow to fast
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)
251	-	255	Open		
20	Zoom (Segment 1)	000	-	255	Narrow to Wide
21	Zoom (Segment 2)	000	-	255	Narrow to Wide

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



22	Zoom (Segment 3)	000	-	255	Narrow to Wide
23	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	000	-	005	No function
		006	-	007	Blackout while P/T moving On
		008	-	009	Blackout while P/T moving Off
		010	-	017	No function
		018	-	019	Sleep Mode On
		020	-	021	Sleep Mode Off/Wake Up
		022	-	024	No function
		025	-	025	Record User Scene 1
		026	-	026	Record User Scene 2
		027	-	027	Record User Scene 3
		028	-	028	Record User Scene 4
		029	-	029	Record User Scene 5
		030	-	030	Record User Scene 6
		031	-	031	Record User Scene 7
		032	-	032	Record User Scene 8
		033	-	041	No function
		042	-	043	Invert Pan On
		044	-	045	Invert Pan Off
		046	-	047	Invert Tilt On
		048	-	049	Invert Tilt Off
		050	-	051	Pan Angle 540°
		052	-	053	Pan Angle 630°
		054	-	057	No Function
		058	-	059	Pixel Mirroring Off
		060	-	061	Pixel Mirroring Horizontal
		062	-	063	Pixel Mirroring Vertical
		064	-	065	Pixel Mirroring Horizontal + Vertical
		066	-	073	No function
		074	-	075	Dimmer Response LED
		076	-	077	Dimmer Response Halogen
		078	-	081	No function
		082	-	083	DTW (Redshift) On
084	-	085	DTW (Redshift) Off		
086	-	093	No function		
094	-	095	Silent movement On		
096	-	097	Silent movement Off		

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



23	Device settings (all settings are executed after holding value for 3 seconds) (please read remark 1*)	098	-	099	Fan Auto
		100	-	101	Fan Off
		102	-	103	Fan Constant Low
		104	-	105	Fan Constant Medium
		106	-	107	Fan Constant High
		108	-	119	No function
		120	-	121	PWM 1 (650 Hz)
		122	-	123	PWM 2 (1530 Hz)
		124	-	125	PWM 3 (3600 Hz)
		126	-	127	PWM 4 (12000 Hz)
		128	-	129	PWM 5 (18900 Hz)
		130	-	131	PWM 6 (25000 Hz)
		132	-	133	RAW
		134	-	135	Factory Calibration
		136	-	137	User Calibration
		138	-	139	Smart Calibration
		140	-	141	Display Always On
		142	-	143	Display Off after 20s
		144	-	163	No function
		164	-	165	Dimmer Curve Linear
		166	-	167	Dimmer Curve Exponential
		168	-	169	Dimmer Curve Logarithmic
		170	-	171	Dimmer Curve S-Curve
		172	-	221	No function
		222	-	223	Reset Pan / Tilt
		224	-	233	No function
		234	-	235	Reset Head
		236	-	237	Reset All
238	-	239	No function		
240	-	241	Load Factory Defaults		
242	-	243	Load Factory Defaults (without User Scenes & Loops)		
244	-	245	Load User Default A		
246	-	247	Load User Default B		
248	-	249	Load User Default C		
250	-	255	no function		
24	Red 1	000	-	255	0% to 100%
25	Green 1	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



26	Blue 1	000	-	255	0% to 100%
27	Lime 1	000	-	255	0% to 100%
28	Red 2	000	-	255	0% to 100%
29	Green 2	000	-	255	0% to 100%
30	Blue 2	000	-	255	0% to 100%
31	Lime 2	000	-	255	0% to 100%
32	Red 3	000	-	255	0% to 100%
33	Green 3	000	-	255	0% to 100%
34	Blue 3	000	-	255	0% to 100%
35	Lime 3	000	-	255	0% to 100%
36	Red 4	000	-	255	0% to 100%
37	Green 4	000	-	255	0% to 100%
38	Blue 4	000	-	255	0% to 100%
39	Lime 4	000	-	255	0% to 100%
40	Red 5	000	-	255	0% to 100%
41	Green 5	000	-	255	0% to 100%
42	Blue 5	000	-	255	0% to 100%
43	Lime 5	000	-	255	0% to 100%
44	Red 6	000	-	255	0% to 100%
45	Green 6	000	-	255	0% to 100%
46	Blue 6	000	-	255	0% to 100%
47	Lime 6	000	-	255	0% to 100%
48	Red 7	000	-	255	0% to 100%
49	Green 7	000	-	255	0% to 100%
50	Blue 7	000	-	255	0% to 100%
51	Lime 7	000	-	255	0% to 100%
52	Red 8	000	-	255	0% to 100%
53	Green 8	000	-	255	0% to 100%
54	Blue 8	000	-	255	0% to 100%
55	Lime 8	000	-	255	0% to 100%
56	Red 9	000	-	255	0% to 100%
57	Green 9	000	-	255	0% to 100%
58	Blue 9	000	-	255	0% to 100%
59	Lime 9	000	-	255	0% to 100%
60	Red 10	000	-	255	0% to 100%
61	Green 10	000	-	255	0% to 100%
62	Blue 10	000	-	255	0% to 100%
63	Lime 10	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



64	Red 11	000	-	255	0% to 100%
65	Green 11	000	-	255	0% to 100%
66	Blue 11	000	-	255	0% to 100%
67	Lime 11	000	-	255	0% to 100%
68	Red 12	000	-	255	0% to 100%
69	Green 12	000	-	255	0% to 100%
70	Blue 12	000	-	255	0% to 100%
71	Lime 12	000	-	255	0% to 100%
72	Red 13	000	-	255	0% to 100%
73	Green 13	000	-	255	0% to 100%
74	Blue 13	000	-	255	0% to 100%
75	Lime 13	000	-	255	0% to 100%
76	Red 14	000	-	255	0% to 100%
77	Green 14	000	-	255	0% to 100%
78	Blue 14	000	-	255	0% to 100%
79	Lime 14	000	-	255	0% to 100%
80	Red 15	000	-	255	0% to 100%
81	Green 15	000	-	255	0% to 100%
82	Blue 15	000	-	255	0% to 100%
83	Lime 15	000	-	255	0% to 100%
84	Red 16	000	-	255	0% to 100%
85	Green 16	000	-	255	0% to 100%
86	Blue 16	000	-	255	0% to 100%
87	Lime 16	000	-	255	0% to 100%
88	Red 17	000	-	255	0% to 100%
89	Green 17	000	-	255	0% to 100%
90	Blue 17	000	-	255	0% to 100%
91	Lime 17	000	-	255	0% to 100%
92	Red 18	000	-	255	0% to 100%
93	Green 18	000	-	255	0% to 100%
94	Blue 18	000	-	255	0% to 100%
95	Lime 18	000	-	255	0% to 100%
96	Red 19	000	-	255	0% to 100%
97	Green 19	000	-	255	0% to 100%
98	Blue 19	000	-	255	0% to 100%
99	Lime 19	000	-	255	0% to 100%
100	Red 20	000	-	255	0% to 100%
101	Green 20	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



102	Blue 20	000	-	255	0% to 100%
103	Lime 20	000	-	255	0% to 100%
104	Red 21	000	-	255	0% to 100%
105	Green 21	000	-	255	0% to 100%
106	Blue 21	000	-	255	0% to 100%
107	Lime 21	000	-	255	0% to 100%
108	Red 22	000	-	255	0% to 100%
109	Green 22	000	-	255	0% to 100%
110	Blue 22	000	-	255	0% to 100%
111	Lime 22	000	-	255	0% to 100%
112	Red 23	000	-	255	0% to 100%
113	Green 23	000	-	255	0% to 100%
114	Blue 23	000	-	255	0% to 100%
115	Lime 23	000	-	255	0% to 100%
116	Red 24	000	-	255	0% to 100%
117	Green 24	000	-	255	0% to 100%
118	Blue 24	000	-	255	0% to 100%
119	Lime 24	000	-	255	0% to 100%
120	Red 25	000	-	255	0% to 100%
121	Green 25	000	-	255	0% to 100%
122	Blue 25	000	-	255	0% to 100%
123	Lime 25	000	-	255	0% to 100%
124	Red 26	000	-	255	0% to 100%
125	Green 26	000	-	255	0% to 100%
126	Blue 26	000	-	255	0% to 100%
127	Lime 26	000	-	255	0% to 100%
128	Red 27	000	-	255	0% to 100%
129	Green 27	000	-	255	0% to 100%
130	Blue 27	000	-	255	0% to 100%
131	Lime 27	000	-	255	0% to 100%
132	Red 28	000	-	255	0% to 100%
133	Green 28	000	-	255	0% to 100%
134	Blue 28	000	-	255	0% to 100%
135	Lime 28	000	-	255	0% to 100%
136	Red 29	000	-	255	0% to 100%
137	Green 29	000	-	255	0% to 100%
138	Blue 29	000	-	255	0% to 100%
139	Lime 29	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



140	Red 30	000	-	255	0% to 100%
141	Green 30	000	-	255	0% to 100%
142	Blue 30	000	-	255	0% to 100%
143	Lime 30	000	-	255	0% to 100%
144	Red 31	000	-	255	0% to 100%
145	Green 31	000	-	255	0% to 100%
146	Blue 31	000	-	255	0% to 100%
147	Lime 31	000	-	255	0% to 100%
148	Red 32	000	-	255	0% to 100%
149	Green 32	000	-	255	0% to 100%
150	Blue 32	000	-	255	0% to 100%
151	Lime 32	000	-	255	0% to 100%
152	Ring Red 1	000	-	255	0% to 100%
153	Ring Green 1	000	-	255	0% to 100%
154	Ring Blue 1	000	-	255	0% to 100%
155	Ring Red 2	000	-	255	0% to 100%
156	Ring Green 2	000	-	255	0% to 100%
157	Ring Blue 2	000	-	255	0% to 100%
158	Ring Red 3	000	-	255	0% to 100%
159	Ring Green 3	000	-	255	0% to 100%
160	Ring Blue 3	000	-	255	0% to 100%
161	Ring Red 4	000	-	255	0% to 100%
162	Ring Green 4	000	-	255	0% to 100%
163	Ring Blue 4	000	-	255	0% to 100%
164	Ring Red 5	000	-	255	0% to 100%
165	Ring Green 5	000	-	255	0% to 100%
166	Ring Blue 5	000	-	255	0% to 100%
167	Ring Red 6	000	-	255	0% to 100%
168	Ring Green 6	000	-	255	0% to 100%
169	Ring Blue 6	000	-	255	0% to 100%
170	Ring Red 7	000	-	255	0% to 100%
171	Ring Green 7	000	-	255	0% to 100%
172	Ring Blue 7	000	-	255	0% to 100%
173	Ring Red 8	000	-	255	0% to 100%
174	Ring Green 8	000	-	255	0% to 100%
175	Ring Blue 8	000	-	255	0% to 100%
176	Ring Red 9	000	-	255	0% to 100%
177	Ring Green 9	000	-	255	0% to 100%

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178	Ring Blue 9	000	-	255	0% to 100%
179	Ring Red 10	000	-	255	0% to 100%
180	Ring Green 10	000	-	255	0% to 100%
181	Ring Blue 10	000	-	255	0% to 100%
182	Ring Red 11	000	-	255	0% to 100%
183	Ring Green 11	000	-	255	0% to 100%
184	Ring Blue 11	000	-	255	0% to 100%
185	Ring Red 12	000	-	255	0% to 100%
186	Ring Green 12	000	-	255	0% to 100%
187	Ring Blue 12	000	-	255	0% to 100%
188	Ring Red 13	000	-	255	0% to 100%
189	Ring Green 13	000	-	255	0% to 100%
190	Ring Blue 13	000	-	255	0% to 100%
191	Ring Red 14	000	-	255	0% to 100%
192	Ring Green 14	000	-	255	0% to 100%
193	Ring Blue 14	000	-	255	0% to 100%
194	Ring Red 15	000	-	255	0% to 100%
195	Ring Green 15	000	-	255	0% to 100%
196	Ring Blue 15	000	-	255	0% to 100%
197	Ring Red 16	000	-	255	0% to 100%
198	Ring Green 16	000	-	255	0% to 100%
199	Ring Blue 16	000	-	255	0% to 100%
200	Ring Red 17	000	-	255	0% to 100%
201	Ring Green 17	000	-	255	0% to 100%
202	Ring Blue 17	000	-	255	0% to 100%
203	Ring Red 18	000	-	255	0% to 100%
204	Ring Green 18	000	-	255	0% to 100%
205	Ring Blue 18	000	-	255	0% to 100%
206	Ring Red 19	000	-	255	0% to 100%
207	Ring Green 19	000	-	255	0% to 100%
208	Ring Blue 19	000	-	255	0% to 100%
209	Ring Red 20	000	-	255	0% to 100%
210	Ring Green 20	000	-	255	0% to 100%
211	Ring Blue 20	000	-	255	0% to 100%
212	Ring Red 21	000	-	255	0% to 100%
213	Ring Green 21	000	-	255	0% to 100%
214	Ring Blue 21	000	-	255	0% to 100%
215	Ring Red 22	000	-	255	0% to 100%

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DMX CONTROL TABLE



216	Ring Green 22	000	-	255	0% to 100%
217	Ring Blue 22	000	-	255	0% to 100%
218	Ring Red 23	000	-	255	0% to 100%
219	Ring Green 23	000	-	255	0% to 100%
220	Ring Blue 23	000	-	255	0% to 100%
221	Ring Red 24	000	-	255	0% to 100%
222	Ring Green 24	000	-	255	0% to 100%
223	Ring Blue 24	000	-	255	0% to 100%
224	Ring Red 25	000	-	255	0% to 100%
225	Ring Green 25	000	-	255	0% to 100%
226	Ring Blue 25	000	-	255	0% to 100%
227	Ring Red 26	000	-	255	0% to 100%
228	Ring Green 26	000	-	255	0% to 100%
229	Ring Blue 26	000	-	255	0% to 100%
230	Ring Red 27	000	-	255	0% to 100%
231	Ring Green 27	000	-	255	0% to 100%
232	Ring Blue 27	000	-	255	0% to 100%
233	Ring Red 28	000	-	255	0% to 100%
234	Ring Green 28	000	-	255	0% to 100%
235	Ring Blue 28	000	-	255	0% to 100%
236	Ring Red 29	000	-	255	0% to 100%
237	Ring Green 29	000	-	255	0% to 100%
238	Ring Blue 29	000	-	255	0% to 100%
239	Ring Red 30	000	-	255	0% to 100%
240	Ring Green 30	000	-	255	0% to 100%
241	Ring Blue 30	000	-	255	0% to 100%
242	Ring Red 31	000	-	255	0% to 100%
243	Ring Green 31	000	-	255	0% to 100%
244	Ring Blue 31	000	-	255	0% to 100%
245	Ring Red 32	000	-	255	0% to 100%
246	Ring Green 32	000	-	255	0% to 100%
247	Ring Blue 32	000	-	255	0% to 100%
248	Ring Red 33	000	-	255	0% to 100%
249	Ring Green 33	000	-	255	0% to 100%
250	Ring Blue 33	000	-	255	0% to 100%
251	Ring Red 34	000	-	255	0% to 100%
252	Ring Green 34	000	-	255	0% to 100%
253	Ring Blue 34	000	-	255	0% to 100%

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DMX CONTROL TABLE



254	Ring Red 35	000	-	255	0% to 100%
255	Ring Green 35	000	-	255	0% to 100%
256	Ring Blue 35	000	-	255	0% to 100%
257	Ring Red 36	000	-	255	0% to 100%
258	Ring Green 36	000	-	255	0% to 100%
259	Ring Blue 36	000	-	255	0% to 100%
260	Ring Red 37	000	-	255	0% to 100%
261	Ring Green 37	000	-	255	0% to 100%
262	Ring Blue 37	000	-	255	0% to 100%
263	Ring Red 38	000	-	255	0% to 100%
264	Ring Green 38	000	-	255	0% to 100%
265	Ring Blue 38	000	-	255	0% to 100%
266	Ring Red 39	000	-	255	0% to 100%
267	Ring Green 39	000	-	255	0% to 100%
268	Ring Blue 39	000	-	255	0% to 100%
269	Ring Red 40	000	-	255	0% to 100%
270	Ring Green 40	000	-	255	0% to 100%
271	Ring Blue 40	000	-	255	0% to 100%
272	Ring Red 41	000	-	255	0% to 100%
273	Ring Green 41	000	-	255	0% to 100%
274	Ring Blue 41	000	-	255	0% to 100%
275	Ring Red 42	000	-	255	0% to 100%
276	Ring Green 42	000	-	255	0% to 100%
277	Ring Blue 42	000	-	255	0% to 100%
278	Ring Red 43	000	-	255	0% to 100%
279	Ring Green 43	000	-	255	0% to 100%
280	Ring Blue 43	000	-	255	0% to 100%
281	Ring Red 44	000	-	255	0% to 100%
282	Ring Green 44	000	-	255	0% to 100%
283	Ring Blue 44	000	-	255	0% to 100%
284	Ring Red 45	000	-	255	0% to 100%
285	Ring Green 45	000	-	255	0% to 100%
286	Ring Blue 45	000	-	255	0% to 100%
287	Ring Red 46	000	-	255	0% to 100%
288	Ring Green 46	000	-	255	0% to 100%
289	Ring Blue 46	000	-	255	0% to 100%
290	Ring Red 47	000	-	255	0% to 100%
291	Ring Green 47	000	-	255	0% to 100%

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DMX CONTROL TABLE



292	Ring Blue 47	000	-	255	0% to 100%
293	Ring Red 48	000	-	255	0% to 100%
294	Ring Green 48	000	-	255	0% to 100%
295	Ring Blue 48	000	-	255	0% to 100%
296	Ring Red 49	000	-	255	0% to 100%
297	Ring Green 49	000	-	255	0% to 100%
298	Ring Blue 49	000	-	255	0% to 100%
299	Ring Red 50	000	-	255	0% to 100%
300	Ring Green 50	000	-	255	0% to 100%
301	Ring Blue 50	000	-	255	0% to 100%
302	Ring Red 51	000	-	255	0% to 100%
303	Ring Green 51	000	-	255	0% to 100%
304	Ring Blue 51	000	-	255	0% to 100%
305	Ring Red 52	000	-	255	0% to 100%
306	Ring Green 52	000	-	255	0% to 100%
307	Ring Blue 52	000	-	255	0% to 100%
308	Ring Red 53	000	-	255	0% to 100%
309	Ring Green 53	000	-	255	0% to 100%
310	Ring Blue 53	000	-	255	0% to 100%
311	Ring Red 54	000	-	255	0% to 100%
312	Ring Green 54	000	-	255	0% to 100%
313	Ring Blue 54	000	-	255	0% to 100%
314	Ring Red 55	000	-	255	0% to 100%
315	Ring Green 55	000	-	255	0% to 100%
316	Ring Blue 55	000	-	255	0% to 100%
317	Ring Red 56	000	-	255	0% to 100%
318	Ring Green 56	000	-	255	0% to 100%
319	Ring Blue 56	000	-	255	0% to 100%
320	Ring Red 57	000	-	255	0% to 100%
321	Ring Green 57	000	-	255	0% to 100%
322	Ring Blue 57	000	-	255	0% to 100%
323	Ring Red 58	000	-	255	0% to 100%
324	Ring Green 58	000	-	255	0% to 100%
325	Ring Blue 58	000	-	255	0% to 100%
326	Ring Red 59	000	-	255	0% to 100%
327	Ring Green 59	000	-	255	0% to 100%
328	Ring Blue 59	000	-	255	0% to 100%
329	Ring Red 60	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



330	Ring Green 60	000	-	255	0% to 100%
331	Ring Blue 60	000	-	255	0% to 100%
332	Ring Red 61	000	-	255	0% to 100%
333	Ring Green 61	000	-	255	0% to 100%
334	Ring Blue 61	000	-	255	0% to 100%
335	Ring Red 62	000	-	255	0% to 100%
336	Ring Green 62	000	-	255	0% to 100%
337	Ring Blue 62	000	-	255	0% to 100%
338	Ring Red 63	000	-	255	0% to 100%
339	Ring Green 63	000	-	255	0% to 100%
340	Ring Blue 63	000	-	255	0% to 100%
341	Ring Red 64	000	-	255	0% to 100%
342	Ring Green 64	000	-	255	0% to 100%
343	Ring Blue 64	000	-	255	0% to 100%
344	Ring Red 65	000	-	255	0% to 100%
345	Ring Green 65	000	-	255	0% to 100%
346	Ring Blue 65	000	-	255	0% to 100%
347	Ring Red 66	000	-	255	0% to 100%
348	Ring Green 66	000	-	255	0% to 100%
349	Ring Blue 66	000	-	255	0% to 100%
350	Ring Red 67	000	-	255	0% to 100%
351	Ring Green 67	000	-	255	0% to 100%
352	Ring Blue 67	000	-	255	0% to 100%
353	Ring Red 68	000	-	255	0% to 100%
354	Ring Green 68	000	-	255	0% to 100%
355	Ring Blue 68	000	-	255	0% to 100%
356	Ring Red 69	000	-	255	0% to 100%
357	Ring Green 69	000	-	255	0% to 100%
358	Ring Blue 69	000	-	255	0% to 100%
359	Ring Red 70	000	-	255	0% to 100%
360	Ring Green 70	000	-	255	0% to 100%
361	Ring Blue 70	000	-	255	0% to 100%
362	Ring Red 71	000	-	255	0% to 100%
363	Ring Green 71	000	-	255	0% to 100%
364	Ring Blue 71	000	-	255	0% to 100%
365	Ring Red 72	000	-	255	0% to 100%
366	Ring Green 72	000	-	255	0% to 100%
367	Ring Blue 72	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



368	Ring Red 73	000	-	255	0% to 100%
369	Ring Green 73	000	-	255	0% to 100%
370	Ring Blue 73	000	-	255	0% to 100%
371	Ring Red 74	000	-	255	0% to 100%
372	Ring Green 74	000	-	255	0% to 100%
373	Ring Blue 74	000	-	255	0% to 100%
374	Ring Red 75	000	-	255	0% to 100%
375	Ring Green 75	000	-	255	0% to 100%
376	Ring Blue 75	000	-	255	0% to 100%
377	Ring Red 76	000	-	255	0% to 100%
378	Ring Green 76	000	-	255	0% to 100%
379	Ring Blue 76	000	-	255	0% to 100%
380	Ring Red 77	000	-	255	0% to 100%
381	Ring Green 77	000	-	255	0% to 100%
382	Ring Blue 77	000	-	255	0% to 100%
383	Ring Red 78	000	-	255	0% to 100%
384	Ring Green 78	000	-	255	0% to 100%
385	Ring Blue 78	000	-	255	0% to 100%
386	Ring Red 79	000	-	255	0% to 100%
387	Ring Green 79	000	-	255	0% to 100%
388	Ring Blue 79	000	-	255	0% to 100%
389	Ring Red 80	000	-	255	0% to 100%
390	Ring Green 80	000	-	255	0% to 100%
391	Ring Blue 80	000	-	255	0% to 100%
392	Ring Red 81	000	-	255	0% to 100%
393	Ring Green 81	000	-	255	0% to 100%
394	Ring Blue 81	000	-	255	0% to 100%
395	Ring Red 82	000	-	255	0% to 100%
396	Ring Green 82	000	-	255	0% to 100%
397	Ring Blue 82	000	-	255	0% to 100%
398	Ring Red 83	000	-	255	0% to 100%
399	Ring Green 83	000	-	255	0% to 100%
400	Ring Blue 83	000	-	255	0% to 100%
401	Ring Red 84	000	-	255	0% to 100%
402	Ring Green 84	000	-	255	0% to 100%
403	Ring Blue 84	000	-	255	0% to 100%
404	Ring Red 85	000	-	255	0% to 100%
405	Ring Green 85	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



406	Ring Blue 85	000	-	255	0% to 100%
407	Ring Red 86	000	-	255	0% to 100%
408	Ring Green 86	000	-	255	0% to 100%
409	Ring Blue 86	000	-	255	0% to 100%
410	Ring Red 87	000	-	255	0% to 100%
411	Ring Green 87	000	-	255	0% to 100%
412	Ring Blue 87	000	-	255	0% to 100%
413	Ring Red 88	000	-	255	0% to 100%
414	Ring Green 88	000	-	255	0% to 100%
415	Ring Blue 88	000	-	255	0% to 100%
416	Ring Red 89	000	-	255	0% to 100%
417	Ring Green 89	000	-	255	0% to 100%
418	Ring Blue 89	000	-	255	0% to 100%
419	Ring Red 90	000	-	255	0% to 100%
420	Ring Green 90	000	-	255	0% to 100%
421	Ring Blue 90	000	-	255	0% to 100%
422	Ring Red 91	000	-	255	0% to 100%
423	Ring Green 91	000	-	255	0% to 100%
424	Ring Blue 91	000	-	255	0% to 100%
425	Ring Red 92	000	-	255	0% to 100%
426	Ring Green 92	000	-	255	0% to 100%
427	Ring Blue 92	000	-	255	0% to 100%
428	Ring Red 93	000	-	255	0% to 100%
429	Ring Green 93	000	-	255	0% to 100%
430	Ring Blue 93	000	-	255	0% to 100%
431	Ring Red 94	000	-	255	0% to 100%
432	Ring Green 94	000	-	255	0% to 100%
433	Ring Blue 94	000	-	255	0% to 100%
434	Ring Red 95	000	-	255	0% to 100%
435	Ring Green 95	000	-	255	0% to 100%
436	Ring Blue 95	000	-	255	0% to 100%
437	Ring Red 96	000	-	255	0% to 100%
438	Ring Green 96	000	-	255	0% to 100%
439	Ring Blue 96	000	-	255	0% to 100%
440	Ring Red 97	000	-	255	0% to 100%
441	Ring Green 97	000	-	255	0% to 100%
442	Ring Blue 97	000	-	255	0% to 100%
443	Ring Red 98	000	-	255	0% to 100%

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IP65 WASH MOVING HEAD
DMX CONTROL TABLE



444	Ring Green 98	000	-	255	0% to 100%
445	Ring Blue 98	000	-	255	0% to 100%

EN: (1*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.

DE: (1*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.

FR: (1*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.

ES: (1*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.

PL: (1*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.

IT: (1*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.