



DMX CHART [P3 EVO]

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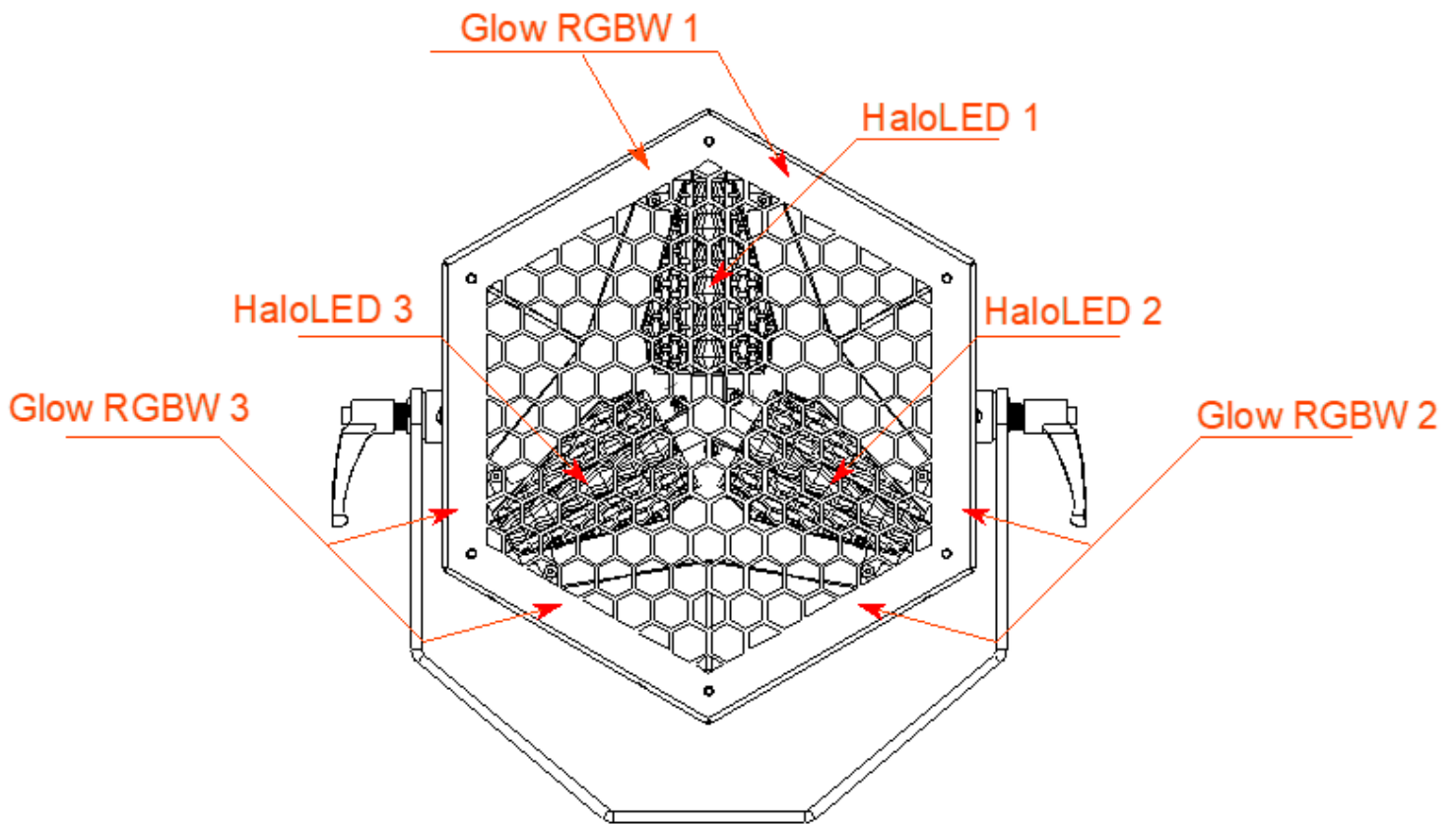
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PIXEL ORDER



DMX MODES

Mode Super Simple

DMX channel	Parameter	Description
1.	Intensity Main Source Ch.1	Pixel 1 HaloLED 8 bit dimmer 0 – 100%
2.	Intensity Main Source Ch.2	Pixel 2 HaloLED 8 bit dimmer 0 – 100%
3.	Intensity Main Source Ch.3	Pixel 3 HaloLED 8 bit dimmer 0 – 100%
4.	All Glow Red	Red glow 8 bit on all pixels 0 – 100%
5.	All Glow Green	Green glow 8 bit on all pixels 0 – 100%
6.	All glow Blue	Blue glow 8 bit on all pixels 0 – 100%
7.	All glow White	White 8 bit on all glow pixels 0 – 100%
8.	Strobe Main Source	HaloLED strobe channel

9.	Strobe glow	Glow strobe channel
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Mode Simple

DMX channel	Parameter	Description
1.	Intensity Main Source Ch.1	Pixel 1 HaloLED 8 bit dimmer 0 – 100%
2.	Intensity Main Source Ch.2	Pixel 2 HaloLED 8 bit dimmer 0 – 100%
3.	Intensity Main Source Ch.3	Pixel 3 HaloLED 8 bit dimmer 0 – 100%
4.	Intensity Glow RGBW	RGBW Glow All pixels 8 bit dimmer 0 – 100%
5.	All Glow Red	Red 8 bit on all glow pixels 0 – 100%
6.	All Glow Green	Green 8 bit on all glow pixels 0 – 100%
7.	All glow Blue	Blue 8 bit on all glow pixels 0 – 100%
8.	All glow White	White 8 bit on all glow pixels 0 – 100%
9.	Strobe Main Source	HaloLED strobe channel
10.	Strobe Glow	Glow strobe channel
11.	Colour wheel All Glow	Glow virtual colour wheel on all pixels
12.	Intensity Macro	Macro 8 bit dimmer 0 – 100%
13.	Macro	Macro select channel
14.	Macro speed	Macro speed channel
15.	Control	Fixture control channel

Mode Standard

DMX channel	Parameter	Description
1.	Intensity Main Source Ch.1	Pixel 1 HaloLED 8 bit dimmer 0 – 100%
2.	Intensity Main Source Ch.2	Pixel 2 HaloLED 8 bit dimmer 0 – 100%
3.	Intensity Main Source Ch.3	Pixel 3 HaloLED 8 bit dimmer 0 – 100%
4.	Intensity Glow RGBW	Dimmer 8 bit of RGBW Glow 0 – 100%
5.	Ch.1 Glow Red	Red 8 bit on glow pixel 1 0 – 100%
6.	Ch.1 Glow Green	Green 8 bit on glow pixel 1 0 – 100%

7.	Ch.1 Glow Blue	Blue 8 bit on glow pixel 1 0 – 100%
8.	Ch.1 Glow White	White 8 bit on glow pixel 1 0 – 100%
9.	Ch. 2 Glow Red	Red 8 bit on glow pixel 2 0 – 100%
10.	Ch. 2 Glow Green	Green 8 bit on glow pixel 2 0 – 100%
11.	Ch. 2 Glow Blue	Blue 8 bit on glow pixel 2 0 – 100%
12.	Ch. 2 Glow White	White 8 bit on glow pixel 2 0 – 100%
13.	Ch. 3 Glow Red	Red 8 bit on glow pixel 3 0 – 100%
14.	Ch. 3 Glow Green	Green 8 bit on glow pixel 3 0 – 100%
15.	Ch. 3 Glow Blue	Blue 8 bit on glow pixel 3 0 – 100%
16.	Ch. 3 Glow White	White 8 bit on glow pixel 3 0 – 100%
17.	Strobe Main Source	HaloLED strobe channel
18.	Strobe Glow	Glow strobe channel
19.	Colour wheel All Glow	Glow virtual colour wheel on all pixels
20.	Intensity Macro	Macro 8 bit dimmer 0 – 100%
21.	Macro	Macro select channel
22.	Macro speed	Macro speed channel
23.	Control	Fixture control channel

Mode Standard Fine

DMX channel	Parameter	Description
1.	Intensity Main Source Ch.1	Pixel 1 HaloLED 8 bit dimmer 0 – 100%
2.	Intensity Main Source Ch.1 fine	Pixel 1 HaloLED 16 bit dimmer 0 – 100%
3.	Intensity Main Source Ch.2	Pixel 2 HaloLED 8 bit dimmer 0 – 100%
4.	Intensity Main Source Ch.2 fine	Pixel 2 HaloLED 16 bit dimmer 0 – 100%
5.	Intensity Main Source Ch.3	Pixel 3 HaloLED 8 bit dimmer 0 – 100%
6.	Intensity Main Source Ch.3 fine	Pixel 3 HaloLED 16 bit dimmer 0 – 100%
7.	Intensity Glow RGBW	RGBW Glow All pixels 8 bit dimmer 0 – 100%
8.	Intensity Glow RGBW fine	RGBW Glow All pixels 16 bit dimmer 0 – 100%
9.	Ch. 1 Glow Red	Red 8 bit on glow pixel 1 0 – 100%

10.	Ch. 1 Glow Red fine	Red 16 bit on glow pixel 1 0 – 100%
11.	Ch. 1 Glow Green	Green 8 bit on glow pixel 1 0 – 100%
12.	Ch. 1 Glow Green fine	Green 16 bit on glow pixel 1 0 – 100%
13.	Ch. 1 Glow Blue	Blue 8 bit on glow pixel 1 0 – 100%
14.	Ch. 1 Glow Blue fine	Blue 16 bit on glow pixel 1 0 – 100%
15.	Ch. 1 Glow White	White 8 bit on glow pixel 1 0 – 100%
16.	Ch. 1 Glow White fine	White 16 bit on glow pixel 1 0 – 100%
17.	Ch. 2 Glow Red	Red 8 bit on glow pixel 2 0 – 100%
18.	Ch. 2 Glow Red fine	Red 16 bit on glow pixel 2 0 – 100%
19.	Ch. 2 Glow Green	Green 8 bit on glow pixel 2 0 – 100%
20.	Ch. 2 Glow Green fine	Green 16 bit on glow pixel 2 0 – 100%
21.	Ch. 2 Glow Blue	Blue 8 bit on glow pixel 2 0 – 100%
22.	Ch. 2 Glow Blue fine	Blue 16 bit on glow pixel 2 0 – 100%
23.	Ch. 2 Glow White	White 8 bit on glow pixel 2 0 – 100%
24.	Ch. 2 Glow White fine	White 16 bit on glow pixel 2 0 – 100%
25.	Ch. 3 Glow Red	Red 8 bit on glow pixel 3 0 – 100%
26.	Ch. 3 Glow Red fine	Red 16 bit on glow pixel 3 0 – 100%
27.	Ch. 3 Glow Green	Green 8 bit on glow pixel 3 0 – 100%
28.	Ch. 3 Glow Green fine	Green 16 bit on glow pixel 3 0 – 100%
29.	Ch. 3 Glow Blue	Blue 8 bit on glow pixel 3 0 – 100%
30.	Ch. 3 Glow Blue fine	Blue 16 bit on glow pixel 3 0 – 100%
31.	Ch. 3 Glow White	White 8 bit on glow pixel 3 0 – 100%
32.	Ch. 3 Glow White fine	White 16 bit on glow pixel 3 0 – 100%
33.	Strobe Main Source	HaloLED strobe channel
34.	Strobe Glow	Glow strobe channel
35.	Colour wheel All Glow	Glow virtual colour wheel on all pixels
36.	Intensity Macro	Macro 8 bit dimmer 0 – 100%
37.	Macro	Macro select channel
38.	Macro speed	Macro speed channel
39.	Control	Fixture control channel

Mode Pixel

DMX channel	Parameter	Description
1.	Intensity Main Source Ch.1	Pixel 1 HaloLED 8 bit dimmer 0 – 100%
2.	Ch.1 Glow Red	Red 8 bit on glow pixel 1 0 – 100%
3.	Ch.1 Glow Green	Green 8 bit on glow pixel 1 0 – 100%
4.	Ch.1 Glow Blue	Blue 8 bit on glow pixel 1 0 – 100%
5.	Ch.1 Glow White	White 8 bit on glow pixel 1 0 – 100%
6.	Intensity Main Source Ch.2	Pixel 2 HaloLED 8 bit dimmer 0 – 100%
7.	Ch. 2 Glow Red	Red 8 bit on glow pixel 2 0 – 100%
8.	Ch. 2 Glow Green	Green 8 bit on glow pixel 2 0 – 100%
9.	Ch. 2 Glow Blue	Blue 8 bit on glow pixel 2 0 – 100%
10.	Ch. 2 Glow White	White 8 bit on glow pixel 2 0 – 100%
11.	Intensity Main Source Ch.3	Pixel 3 HaloLED 8 bit dimmer 0 – 100%
12.	Ch. 3 Glow Red	Red 8 bit on glow pixel 3 0 – 100%
13.	Ch. 3 Glow Green	Green 8 bit on glow pixel 3 0 – 100%
14.	Ch. 3 Glow Blue	Blue 8 bit on glow pixel 3 0 – 100%
15.	Ch. 3 Glow White	White 8 bit on glow pixel 3 0 – 100%
16.	Strobe Main Source	HaloLED strobe channel
17.	Strobe Glow	Glow strobe channel
18.	Colour wheel All Glow	Glow virtual colour wheel on all pixels
19.	Intensity Macro	Macro 8 bit dimmer 0 – 100%
20.	Macro	Macro select channel
21.	Macro speed	Macro speed channel
22.	Control	Fixture control channel

Mode Pixel Fine

DMX channel	Parameter	Description
1.	Intensity Main Source Ch.1	Pixel 1 HaloLED 8 bit dimmer 0 – 100%

2.	Intensity Main Source Ch.1 fine	Pixel 1 HaloLED 16 bit dimmer 0 – 100%
3.	Ch. 1 Glow Red	Red 8 bit on glow pixel 1 0 – 100%
4.	Ch. 1 Glow Red fine	Red 16 bit on glow pixel 1 0 – 100%
5.	Ch. 1 Glow Green	Green 8 bit on glow pixel 1 0 – 100%
6.	Ch. 1 Glow Green fine	Green 16 bit on glow pixel 1 0 – 100%
7.	Ch. 1 Glow Blue	Blue 8 bit on glow pixel 1 0 – 100%
8.	Ch. 1 Glow Blue fine	Blue 16 bit on glow pixel 1 0 – 100%
9.	Ch. 1 Glow White	White 8 bit on glow pixel 1 0 – 100%
10.	Ch. 1 Glow White fine	White 16 bit on glow pixel 1 0 – 100%
11.	Intensity Main Source Ch.2	Pixel 2 HaloLED 8 bit dimmer 0 – 100%
12.	Intensity Main Source Ch.2 fine	Pixel 2 HaloLED 16 bit dimmer 0 – 100%
13.	Ch. 2 Glow Red	Red 8 bit on glow pixel 2 0 – 100%
14.	Ch. 2 Glow Red fine	Red 16 bit on glow pixel 2 0 – 100%
15.	Ch. 2 Glow Green	Green 8 bit on glow pixel 2 0 – 100%
16.	Ch. 2 Glow Green fine	Green 16 bit on glow pixel 2 0 – 100%
17.	Ch. 2 Glow Blue	Blue 8 bit on glow pixel 2 0 – 100%
18.	Ch. 2 Glow Blue fine	Blue 16 bit on glow pixel 2 0 – 100%
19.	Ch. 2 Glow White	White 8 bit on glow pixel 2 0 – 100%
20.	Ch. 2 Glow White fine	White 16 bit on glow pixel 2 0 – 100%
21.	Intensity Main Source Ch.3	Pixel 3 HaloLED 8 bit dimmer 0 – 100%
22.	Intensity Main Source Ch.3 fine	Pixel 3 HaloLED 16 bit dimmer 0 – 100%
23.	Ch. 3 Glow Red	Red 8 bit on glow pixel 3 0 – 100%
24.	Ch. 3 Glow Red fine	Red 16 bit on glow pixel 3 0 – 100%
25.	Ch. 3 Glow Green	Green 8 bit on glow pixel 3 0 – 100%
26.	Ch. 3 Glow Green fine	Green 16 bit on glow pixel 3 0 – 100%
27.	Ch. 3 Glow Blue	Blue 8 bit on glow pixel 3 0 – 100%
28.	Ch. 3 Glow Blue fine	Blue 16 bit on glow pixel 3 0 – 100%
29.	Ch. 3 Glow White	White 8 bit on glow pixel 3 0 – 100%
30.	Ch. 3 Glow White fine	White 16 bit on glow pixel 3 0 – 100%
31.	Strobe Main Source	HaloLED strobe channel

32.	Strobe Glow	Glow strobe channel
33.	Colour wheel All Glow	Glow virtual colour wheel on all pixels
34.	Intensity Macro	Macro 8 bit dimmer 0 – 100%
35.	Macro	Macro select channel
36.	Macro speed	Macro speed channel
37.	Control	Fixture control channel

CHANNEL DESCRIPTIONS

Strobe Main Source

DMX Value	Function	Control type
0-9	Strobe open	constant
10 - 19	Strobe closed	constant
20 - 121	Strobe with growing frequency 0,5 Hz - 30 Hz	linear
122 - 129	Strobe open	constant
130 - 245	Random strobe with growing frequency	linear
246 - 255	Strobe open	constant

Strobe Glow

DMX Value	Function	Control type
0-9	Strobe open	constant
10 - 19	Strobe closed	constant
20 - 121	Strobe with growing frequency 0,5 Hz - 30 Hz	linear
122 - 129	Strobe open	constant
130 - 245	Random strobe with growing frequency	linear
246 - 255	Strobe open	constant

Strobe Center Source

DMX Value	Function	Control type
0-9	Strobe open	constant

10 - 19	Strobe closed	constant
20 - 121	Strobe with growing frequency 0,5 Hz - 30 Hz	linear
122 - 129	Strobe open	constant
130 - 245	Random strobe with growing frequency	linear
246 - 255	Strobe open	constant

Colour Wheel

DMX value	Function			Control type
0 - 9	Virtual color wheel open			constant
10 - 39	White			constant
40 - 237	Virtual color wheel engaged			linear
	RED	GREEN	BLUE	
40	255	0	0	
41	255	8	0	
42	255	16	0	
43	255	24	0	
44	255	32	0	
45	255	40	0	
46	255	48	0	
47	255	56	0	
48	255	64	0	
49	255	72	0	
50	255	80	0	
51	255	88	0	
52	255	96	0	
53	255	104	0	
54	255	112	0	
55	255	120	0	
56	255	128	0	
57	255	136	0	
58	255	144	0	
59	255	152	0	
60	255	160	0	
61	255	168	0	

62	255	176	0	
63	255	184	0	
64	255	192	0	
65	255	200	0	
66	255	208	0	
67	255	216	0	
68	255	224	0	
69	255	232	0	
70	255	240	0	
71	255	248	0	
72	255	255	0	
73	247	255	0	
74	239	255	0	
75	231	255	0	
76	223	255	0	
77	215	255	0	
78	207	255	0	
79	199	255	0	
80	191	255	0	
81	183	255	0	
82	175	255	0	
83	167	255	0	
84	159	255	0	
85	151	255	0	
86	143	255	0	
87	135	255	0	
88	127	255	0	
89	119	255	0	
90	111	255	0	
91	103	255	0	
92	95	255	0	
93	87	255	0	
94	79	255	0	
95	71	255	0	
96	63	255	0	

97	55	255	0	
98	47	255	0	
99	39	255	0	
100	31	255	0	
101	23	255	0	
102	15	255	0	
103	7	255	0	
104	0	255	0	
105	0	255	7	
106	0	255	14	
107	0	255	21	
108	0	255	28	
109	0	255	35	
110	0	255	42	
111	0	255	49	
112	0	255	56	
113	0	255	63	
114	0	255	70	
115	0	255	77	
116	0	255	84	
117	0	255	91	
118	0	255	98	
119	0	255	105	
120	0	255	112	
121	0	255	119	
122	0	255	126	
123	0	255	133	
124	0	255	140	
125	0	255	147	
126	0	255	154	
127	0	255	161	
128	0	255	168	
129	0	255	175	
130	0	255	182	
131	0	255	189	

132	0	255	196	
133	0	255	203	
134	0	255	210	
135	0	255	217	
136	0	255	224	
137	0	255	231	
138	0	255	238	
139	0	255	245	
140	0	255	252	
141	0	255	255	
142	0	247	255	
143	0	239	255	
144	0	231	255	
145	0	223	255	
146	0	215	255	
147	0	207	255	
148	0	199	255	
149	0	191	255	
150	0	183	255	
151	0	175	255	
152	0	167	255	
153	0	159	255	
154	0	151	255	
155	0	143	255	
156	0	135	255	
157	0	127	255	
158	0	119	255	
159	0	111	255	
160	0	103	255	
161	0	95	255	
162	0	87	255	
163	0	79	255	
164	0	71	255	
165	0	63	255	
166	0	55	255	

167	0	47	255	
168	0	39	255	
169	0	31	255	
170	0	23	255	
171	0	15	255	
172	0	7	255	
173	0	0	255	
174	8	0	255	
175	16	0	255	
176	24	0	255	
177	32	0	255	
178	40	0	255	
179	48	0	255	
180	56	0	255	
181	64	0	255	
182	72	0	255	
183	80	0	255	
184	88	0	255	
185	96	0	255	
186	104	0	255	
187	112	0	255	
188	120	0	255	
189	128	0	255	
190	136	0	255	
191	144	0	255	
192	152	0	255	
193	160	0	255	
194	168	0	255	
195	176	0	255	
196	184	0	255	
197	192	0	255	
198	200	0	255	
199	208	0	255	
200	216	0	255	
201	224	0	255	

202	232	0	255	
203	240	0	255	
204	248	0	255	
205	255	0	255	
206	255	0	247	
207	255	0	239	
208	255	0	231	
209	255	0	223	
210	255	0	215	
211	255	0	207	
212	255	0	199	
213	255	0	191	
214	255	0	183	
215	255	0	175	
216	255	0	167	
217	255	0	159	
218	255	0	151	
219	255	0	143	
220	255	0	135	
221	255	0	127	
222	255	0	119	
223	255	0	111	
224	255	0	103	
225	255	0	95	
226	255	0	87	
227	255	0	79	
228	255	0	71	
229	255	0	63	
230	255	0	55	
231	255	0	47	
232	255	0	39	
233	255	0	31	
234	255	0	23	
235	255	0	15	
236	255	0	7	

237	255	0	0	
238 - 254	Color spinning			linear
255	Virtual color wheel open			constant

Macro

DMX Value	Function	Control type
0	Macro off	constant
1 - 3	Macro 1	constant
4 - 7	Macro 2	constant
8 - 11	Macro 3	constant
12 - 15	Macro 4	constant
16 - 19	Macro 5	constant
20 - 23	Macro 6	constant
24 - 27	Macro 7	constant
28 - 31	Macro 8	constant
32 - 35	Macro 9	constant
36 - 39	Macro 10	constant
40 - 43	Macro 11	constant
44 - 47	Macro 12	constant
48 - 51	Macro 13	constant
52 - 55	Macro 14	constant
56 - 59	Macro 15	constant
60 - 63	Macro 16	constant
64 - 67	Macro 17	constant
68 - 71	Macro 18	constant
72 - 75	Macro 19	constant
76 - 79	Macro 20	constant
80 - 83	Macro 21	constant
84 - 87	Macro 22	constant
88 - 91	Macro 23	constant

92 - 95	Macro 24	constant
96 - 99	Macro 25	constant
100 - 103	Macro 26	constant
104 - 107	Macro 27	constant
108 - 111	Macro 28	constant
112 - 115	Macro 29	constant
116 - 119	Macro 30	constant
120 - 123	Macro 31	constant
124 - 127	Macro 32	constant
128 - 131	Macro 33	constant
132 - 135	Macro 34	constant
136 - 139	Macro 35	constant
140 - 143	Macro 36	constant
144 - 147	Macro 37	constant
148 - 151	Macro 38	constant
152 - 155	Macro 39	constant
156 - 159	Macro 40	constant
160 - 163	Macro 41	constant
164 - 167	Macro 42	constant
168 - 171	Macro 43	constant
172 - 175	Macro 44	constant
176 - 179	Macro 45	constant
180 - 183	Macro 46	constant
184 - 187	Macro 47	constant
188 - 191	Macro 48	constant
192 - 195	Macro 49	constant
196 - 199	Macro 50	constant
200 - 203	Macro 51	constant
204 - 207	Macro 52	constant
208 - 211	Macro 53	constant

212 - 215	Macro 54	constant
216 - 219	Macro 55	constant
220 - 223	Macro 56	constant
224 - 227	Macro 57	constant
228 - 231	Macro 58	constant
232 - 235	Macro 59	constant
236 - 239	Macro 60	constant
240 - 243	Macro 61	constant
244 - 247	Macro 62	constant
248 - 251	Macro 63	constant
252 - 255	Macro 64	constant

Control Channel

DMX Value	Function	Control type
0 - 30	No function	constant
31 - 40	Flicker mode 1	constant
41 - 50	Flicker mode 2	constant
51 - 60	Flicker mode 3	constant
61 - 70	Dimming curve linear	constant
71 - 80	Dimming curve logarithmic	constant
81 - 245	Reserved	constant
246 - 255	Default all values	constant

NOTE: To change settings via control channel you should set the desire value and keep it for at least 5 seconds.

RDM data

Manufacturer ID	01CCh
Model ID	00.10
Super Simple personality ID	01
Simple personality ID	02
Standard personality ID	03

Standard Fine personality ID	04
Pixel personality ID	05
Pixel Fine personality ID	06

Parameters supported:

Parameter ID	Operation supported
DISC_UNIQUE_BRANCH	discovery
DISC_MUTE	discovery
DISC_UN_MUTE	discovery
DEVICE_INFO	get
SUPPORTED_PARAMETERS	get
SOFTWARE_VERSION_LABEL	get
DMX_START_ADDRESS	get and set
IDENTIFY_DEVICE	get and set
DEVICE_MODEL_DESCRIPTION	get
MANUFACTURER_LABEL	get
DEVICE_LABEL	get and set
DMX_PERSONALITY	get and set
DEVICE_HOURS	get