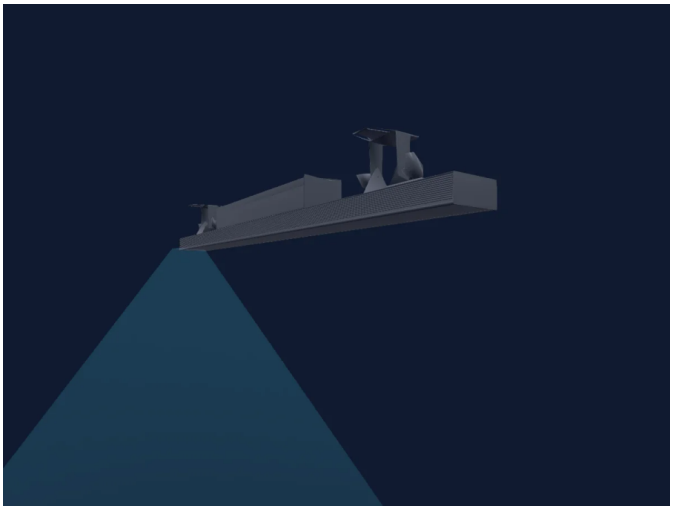
CKC Lighting

EV Stick



Manufacturer	**CKC Lighting**
Type	**PAR**
DMX modes	**9**
DMX footprint	**3, 11, 14, 34, 39, 123 channels**
Beam angle	**25-116°**
Heads / cells	**2**
Size (W × H × D)	**1000 × 114 × 89 mm**
GDTF fixture type	**4C49E188-2C61-43DA-B8B6-17…**

Controls

RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe

DMX modes

112CH	3 ch
16CH	3 ch
32CH	3 ch
11 CH	11 ch
75CH	11 ch
14CH	14 ch
34CH	34 ch
39CH	39 ch
123CH	123 ch

112CH

3 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

16CH

3 channels

Ch	Function	Default	DMX values
1	Red	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Green	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
3	Blue	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

32CH

3 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

11 CH

11 channels

Ch	Function	Default	DMX values
1	Red	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Green	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
3	Blue	255	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
4	Dimmer	255	0–62 0 % White 63–126 25 % White 127–190 50 % White 191–254 75 % White 255–255 100 % White

11 CH (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–1 Off (wheel slot 1) 2–3 3200K (wheel slot 35) 4–5 4000K (wheel slot 36) 6–7 5600K (wheel slot 37) 8–9 6500K (wheel slot 38) 10–17 Color Macro 1 (wheel slot 2) 18–24 Color Macro 2 (wheel slot 3) 25–32 Color Macro 3 (wheel slot 4) 33–39 Color Macro 4 (wheel slot 5) 40–47 Color Macro 5 (wheel slot 6) 48–54 Color Macro 6 (wheel slot 7) 55–61 Color Macro 7 (wheel slot 8) 62–69 Color Macro 8 (wheel slot 9) 70–76 Color Macro 9 (wheel slot 10) 77–84 Color Macro 10 (wheel slot 11) 85–91 Color Macro 11 (wheel slot 12) 92–99 Color Macro 12 (wheel slot 13) 100–106 Color Macro 13 (wheel slot 14) 107–113 Color Macro 14 (wheel slot 15) 114–121 Color Macro 15 (wheel slot 16) 122–128 Color Macro 16 (wheel slot 17) 129–136 Color Macro 17 (wheel slot 18) 137–143 Color Macro 18 (wheel slot 19) 144–151 Color Macro 19 (wheel slot 20) 152–158 Color Macro 20 (wheel slot 21) 159–165 Color Macro 21 (wheel slot 22) 166–173 Color Macro 22 (wheel slot 23) 174–180 Color Macro 23 (wheel slot 24) 181–188 Color Macro 24 (wheel slot 25) 189–195 Color Macro 25 (wheel slot 26) 196–203 Color Macro 26 (wheel slot 27) 204–210 Color Macro 27 (wheel slot 28) 211–217 Color Macro 28 (wheel slot 29) 218–225 Color Macro 29 (wheel slot 30) 226–232 Color Macro 30 (wheel slot 31) 233–240 Color Macro 31 (wheel slot 32) 241–247 Color Macro 32 (wheel slot 33) 248–255 Color Macro 33 (wheel slot 34)
6	Dimmer	0	0–62 0 % Master 63–126 25 % Master 127–190 50 % Master 191–254 75 % Master 255–255 100 % Master
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4

11 CH (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–5 Off 6–15 Macro 1 16–25 Macro 2 26–35 Macro 3 36–45 Macro 4 46–55 Macro 5 56–65 Macro 6 66–75 Macro 7 76–85 Macro 8 86–95 Macro 9 96–105 Macro 10 106–115 Macro 11 116–125 Macro 12 126–135 Macro 13 136–145 Macro 14 146–155 Macro 15 156–165 Macro 16 166–175 Macro 17 176–185 Macro 18 186–195 Macro 19 196–205 Macro 20 206–215 Macro 21 216–225 Macro 22 226–235 Macro 23 236–245 Macro 24 246–255 Macro 25
10	Color Macro1	0	0–5 No function 6–33 Macro1 34–60 Macro2 61–88 Macro3 89–116 Macro4 117–144 Macro5 145–172 Macro6 173–200 Macro7 201–228 Macro8 229–255 Macro9
11	Color Macro1Rate	0	0–254 slow 255–255 fast

75CH

11 channels

Ch	Function	Default	DMX values
1	Red	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
2	Green	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
3	Blue	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

75CH (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4
5	Color Macro1	0	0–5 Off 6–15 Macro 1 16–25 Macro 2 26–35 Macro 3 36–45 Macro 4 46–55 Macro 5 56–65 Macro 6 66–75 Macro 7 76–85 Macro 8 86–95 Macro 9 96–105 Macro 10 106–115 Macro 11 116–125 Macro 12 126–135 Macro 13 136–145 Macro 14 146–155 Macro 15 156–165 Macro 16 166–175 Macro 17 176–185 Macro 18 186–195 Macro 19 196–205 Macro 20 206–215 Macro 21 216–225 Macro 22 226–235 Macro 23 236–245 Macro 24 246–255 Macro 25
6	Color Macro1Rate	0	
7	Dimmer	0	0–62 0 % White 63–126 25 % White 127–190 50 % White 191–254 75 % White 255–255 100 % White
8	Dimmer Fine	0	Fine byte of Dimmer
9	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4

75CH (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–5 No function 6–33 Macro1 34–60 Macro2 61–88 Macro3 89–116 Macro4 117–144 Macro5 145–172 Macro6 173–200 Macro7 201–228 Macro8 229–255 Macro9
11	Color Macro1Rate	0	

14CH

14 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Wheel	0	0–1 Off (wheel slot 1) 2–3 3200K (wheel slot 35) 4–5 4000K (wheel slot 36) 6–7 5600K (wheel slot 37) 8–9 6500K (wheel slot 38) 10–17 Color Macro 1 (wheel slot 2) 18–24 Color Macro 2 (wheel slot 3) 25–32 Color Macro 3 (wheel slot 4) 33–39 Color Macro 4 (wheel slot 5) 40–47 Color Macro 5 (wheel slot 6) 48–54 Color Macro 6 (wheel slot 7) 55–61 Color Macro 7 (wheel slot 8) 62–69 Color Macro 8 (wheel slot 9) 70–76 Color Macro 9 (wheel slot 10) 77–84 Color Macro 10 (wheel slot 11) 85–91 Color Macro 11 (wheel slot 12) 92–99 Color Macro 12 (wheel slot 13) 100–106 Color Macro 13 (wheel slot 14) 107–113 Color Macro 14 (wheel slot 15) 114–121 Color Macro 15 (wheel slot 16) 122–128 Color Macro 16 (wheel slot 17) 129–136 Color Macro 17 (wheel slot 18) 137–143 Color Macro 18 (wheel slot 19) 144–151 Color Macro 19 (wheel slot 20) 152–158 Color Macro 20 (wheel slot 21) 159–165 Color Macro 21 (wheel slot 22) 166–173 Color Macro 22 (wheel slot 23) 174–180 Color Macro 23 (wheel slot 24) 181–188 Color Macro 24 (wheel slot 25) 189–195 Color Macro 25 (wheel slot 26) 196–203 Color Macro 26 (wheel slot 27) 204–210 Color Macro 27 (wheel slot 28) 211–217 Color Macro 28 (wheel slot 29) 218–225 Color Macro 29 (wheel slot 30) 226–232 Color Macro 30 (wheel slot 31) 233–240 Color Macro 31 (wheel slot 32) 241–247 Color Macro 32 (wheel slot 33) 248–255 Color Macro 33 (wheel slot 34)
5	Dimmer	255	0–254 closed 255–255 open
6	Dimmer Fine	255	Fine byte of Dimmer

14CH (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4
8	Color Macro1	0	0–5 Off 6–15 Macro 1 16–25 Macro 2 26–35 Macro 3 36–45 Macro 4 46–55 Macro 5 56–65 Macro 6 66–75 Macro 7 76–85 Macro 8 86–95 Macro 9 96–105 Macro 10 106–115 Macro 11 116–125 Macro 12 126–135 Macro 13 136–145 Macro 14 146–155 Macro 15 156–165 Macro 16 166–175 Macro 17 176–185 Macro 18 186–195 Macro 19 196–205 Macro 20 206–215 Macro 21 216–225 Macro 22 226–235 Macro 23 236–245 Macro 24 246–255 Macro 25
9	R GBMarcospeed	0	
10	Dimmer	0	0–254 closed 255–255 open
11	Dimmer Fine	0	Fine byte of Dimmer
12	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4

14CH (continued)

Ch	Function	Default	DMX values
13	Color Macro1	0	0–5 No function 6–33 Macro1 34–60 Macro2 61–88 Macro3 89–116 Macro4 117–144 Macro5 145–172 Macro6 173–200 Macro7 201–228 Macro8 229–255 Macro9
14	W Macrospeed	0	

34CH

34 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Dimmer	0	0–254 closed 255–255 open
26	Dimmer Fine	0	Fine byte of Dimmer

34CH (continued)

Ch	Function	Default	DMX values
27	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Dimmer	0	0–254 closed 255–255 open
33	Dimmer Fine	0	Fine byte of Dimmer
34	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4

39CH

39 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	

39CH (continued)

Ch	Function	Default	DMX values
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Color Wheel	0	0–9 Off (wheel slot 1) 10–17 Color Macro 1 (wheel slot 2) 18–24 Color Macro 2 (wheel slot 3) 25–32 Color Macro 3 (wheel slot 4) 33–39 Color Macro 4 (wheel slot 5) 40–47 Color Macro 5 (wheel slot 6) 48–54 Color Macro 6 (wheel slot 7) 55–61 Color Macro 7 (wheel slot 8) 62–69 Color Macro 8 (wheel slot 9) 70–76 Color Macro 9 (wheel slot 10) 77–84 Color Macro 10 (wheel slot 11) 85–91 Color Macro 11 (wheel slot 12) 92–99 Color Macro 12 (wheel slot 13) 100–106 Color Macro 13 (wheel slot 14) 107–113 Color Macro 14 (wheel slot 15) 114–121 Color Macro 15 (wheel slot 16) 122–128 Color Macro 16 (wheel slot 17) 129–136 Color Macro 17 (wheel slot 18) 137–143 Color Macro 18 (wheel slot 19) 144–151 Color Macro 19 (wheel slot 20) 152–158 Color Macro 20 (wheel slot 21) 159–165 Color Macro 21 (wheel slot 22) 166–173 Color Macro 22 (wheel slot 23) 174–180 Color Macro 23 (wheel slot 24) 181–188 Color Macro 24 (wheel slot 25) 189–195 Color Macro 25 (wheel slot 26) 196–203 Color Macro 26 (wheel slot 27) 204–210 Color Macro 27 (wheel slot 28) 211–217 Color Macro 28 (wheel slot 29) 218–225 Color Macro 29 (wheel slot 30) 226–232 Color Macro 30 (wheel slot 31) 233–240 Color Macro 31 (wheel slot 32) 241–247 Color Macro 32 (wheel slot 33) 248–255 Color Macro 33 (wheel slot 34)
26	Dimmer	0	0–254 closed 255–255 open
27	Dimmer Fine	0	Fine byte of Dimmer
28	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4

39CH (continued)

Ch	Function	Default	DMX values
29	Color Macro1	0	0–5 Off 6–15 Macro 1 16–25 Macro 2 26–35 Macro 3 36–45 Macro 4 46–55 Macro 5 56–65 Macro 6 66–75 Macro 7 76–85 Macro 8 86–95 Macro 9 96–105 Macro 10 106–115 Macro 11 116–125 Macro 12 126–135 Macro 13 136–145 Macro 14 146–155 Macro 15 156–165 Macro 16 166–175 Macro 17 176–185 Macro 18 186–195 Macro 19 196–205 Macro 20 206–215 Macro 21 216–225 Macro 22 226–235 Macro 23 236–245 Macro 24 246–255 Macro 25
30	Color Macro1Rate	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Dimmer	0	0–254 closed 255–255 open
36	Dimmer Fine	0	Fine byte of Dimmer
37	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4
38	Color Macro1	0	0–5 No function 6–33 Macro1 34–60 Macro2 61–88 Macro3 89–116 Macro4 117–144 Macro5 145–172 Macro6 173–200 Macro7 201–228 Macro8 229–255 Macro9
39	Color Macro1Rate	0	

123CH

123 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	

123CH (continued)

Ch	Function	Default	DMX values
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	

123CH (continued)

Ch	Function	Default	DMX values
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Color Wheel	0	0–9 Off (wheel slot 1) 10–17 Color Macro 1 (wheel slot 2) 18–24 Color Macro 2 (wheel slot 3) 25–32 Color Macro 3 (wheel slot 4) 33–39 Color Macro 4 (wheel slot 5) 40–47 Color Macro 5 (wheel slot 6) 48–54 Color Macro 6 (wheel slot 7) 55–61 Color Macro 7 (wheel slot 8) 62–69 Color Macro 8 (wheel slot 9) 70–76 Color Macro 9 (wheel slot 10) 77–84 Color Macro 10 (wheel slot 11) 85–91 Color Macro 11 (wheel slot 12) 92–99 Color Macro 12 (wheel slot 13) 100–106 Color Macro 13 (wheel slot 14) 107–113 Color Macro 14 (wheel slot 15) 114–121 Color Macro 15 (wheel slot 16) 122–128 Color Macro 16 (wheel slot 17) 129–136 Color Macro 17 (wheel slot 18) 137–143 Color Macro 18 (wheel slot 19) 144–151 Color Macro 19 (wheel slot 20) 152–158 Color Macro 20 (wheel slot 21) 159–165 Color Macro 21 (wheel slot 22) 166–173 Color Macro 22 (wheel slot 23) 174–180 Color Macro 23 (wheel slot 24) 181–188 Color Macro 24 (wheel slot 25) 189–195 Color Macro 25 (wheel slot 26) 196–203 Color Macro 26 (wheel slot 27) 204–210 Color Macro 27 (wheel slot 28) 211–217 Color Macro 28 (wheel slot 29) 218–225 Color Macro 29 (wheel slot 30) 226–232 Color Macro 30 (wheel slot 31) 233–240 Color Macro 31 (wheel slot 32) 241–247 Color Macro 32 (wheel slot 33) 248–255 Color Macro 33 (wheel slot 34)
98	Dimmer	0	
99	Dimmer Fine	0	Fine byte of Dimmer
100	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4
101	Color Macro1	0	
102	Color Macro1Rate	0	
103	Reserved 103	0	
104	Reserved 104	0	

123CH (continued)

Ch	Function	Default	DMX values
105	Reserved 105	0	
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Dimmer	0	
120	Dimmer Fine	0	Fine byte of Dimmer
121	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter4
122	Color Macro1	0	
123	Color Macro1Rate	0	