Black Light Design

Astera Titan Tube



Manufacturer	**Black Light Design**
Type	**PAR**
DMX modes	**143**
DMX footprint	**3, 4, 5, 6, 7, 8, 9, 12, 13, 17, 21, 25, 29, 33, 41, 49, 57, 65, 81, 97,**
Beam angle	**68°**
Size (W × H × D)	**39 × 1035 × 39 mm**
GDTF fixture type	**5B6D968B-15B1-4BB5-A6D9-E…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Strobe

DMX modes

1: RGB	3 ch
17: RGB;RGB;	3 ch
18: RGB RGB	3 ch
41: RGB;RGB;	3 ch
42: RGB RGB	3 ch
65: RGB;RGB;	3 ch
66: RGB RGB	3 ch
19: RGBW RGBW	4 ch
2: RGBW	4 ch
21: DIM RGB DIM RGB	4 ch
25: RGB;RGBS	4 ch
33: RGBS RGBS	4 ch
4: DIM RGB	4 ch
43: RGBW RGBW	4 ch
45: DIM RGB DIM RGB	4 ch
49: RGB;RGBS	4 ch
57: RGBS RGBS	4 ch
67: RGBW RGBW	4 ch
69: DIM RGB DIM RGB	4 ch
73: RGB;RGBS	4 ch
8: RGBS	4 ch
81: RGBS RGBS	4 ch
11: DIM RGBS	5 ch
112: D CCT GM HUE SAT	5 ch

125: D CCT GM HUE SAT	5 ch
20: RGBAW RGBAW	5 ch
22: DIM RGBW DIM RGBW	5 ch
3: RGBAW	5 ch
35: RGBWS RGBWS	5 ch
37: DIM RGBS DIM RGBS	5 ch
44: RGBAW RGBAW	5 ch
46: DIM RGBW DIM RGBW	5 ch
5: DIM RGBW	5 ch
59: RGBWS RGBWS	5 ch
61: DIM RGBS DIM RGBS	5 ch
68: RGBAW RGBAW	5 ch
70: DIM RGBW DIM RGBW	5 ch
83: RGBWS RGBWS	5 ch
85: DIM RGBS DIM RGBS	5 ch
9: RGBWS	5 ch
90: D CCT GM HUE SAT	5 ch
99: D CCT GM HUE SAT	5 ch
10: RGBAWS	6 ch
102: D16 X Y	6 ch
108: D CCT GM HUE SAT S	6 ch
115: D16 X Y	6 ch
12: DIM RGBWS	6 ch
121: D CCT GM HUE SAT S	6 ch
128: D16 X Y	6 ch
134: D CCT GM HUE SAT S	6 ch
23: DIM RGBAW DIM RGBAW	6 ch
24: RGB CCT DIM IND	6 ch
36: RGBAWS RGBAWS	6 ch
38: DIM RGBWS DIM RGBWS	6 ch
47: DIM RGBAW DIM RGBAW	6 ch
48: RGB CCT DIM IND	6 ch
6: DIM RGBAW	6 ch
60: RGBAWS RGBAWS	6 ch
62: DIM RGBWS DIM RGBWS	6 ch
7: RGB CCT DIM IND	6 ch
71: DIM RGBAW DIM RGBAW	6 ch
72: RGB CCT DIM IND	6 ch
84: RGBAWS RGBAWS	6 ch
86: DIM RGBWS DIM RGBWS	6 ch
93: D16 X Y	6 ch
95: D CCT GM HUE SAT S	6 ch
101: D16 CCT GM H SAT	7 ch
110: D16 X Y S	7 ch
111: D CCT GM CRO RGB	7 ch
114: D16 CCT GM H SAT	7 ch
123: D16 X Y S	7 ch
124: D CCT GM CRO RGB	7 ch
127: D16 CCT GM H SAT	7 ch
13: DIM RGBAWS	7 ch
136: D16 X Y S	7 ch

14: RGB CCT DIM IND S	7 ch
39: DIM RGBAWS DIM RGBAWS	7 ch
40: RGB CCT DIM IND S	7 ch
63: DIM RGBAWS DIM RGBAWS	7 ch
64: RGB CCT DIM IND S	7 ch
87: DIM RGBAWS DIM RGBAWS	7 ch
88: RGB CCT DIM IND S	7 ch
89: D CCT GM CRO RGB	7 ch
92: D16 CCT GM H SAT	7 ch
97: D16 X Y S	7 ch
98: D CCT GM CRO RGB	7 ch
100: D16 CCT GM C RGB	8 ch
107: D CCT GM CRO RGB S	8 ch
109: D16 CCT GM H SAT S	8 ch
113: D16 CCT GM C RGB	8 ch
120: D CCT GM CRO RGB S	8 ch
122: D16 CCT GM H SAT S	8 ch
126: D16 CCT GM C RGB	8 ch
133: D CCT GM CRO RGB S	8 ch
135: D16 CCT GM H SAT S	8 ch
91: D16 CCT GM C RGB	8 ch
94: D CCT GM CRO RGB S	8 ch
96: D16 CCT GM H SAT S	8 ch
137: D16 CCT GM C RGB S	9 ch
139: D16 CCT GM C RGB S	9 ch
141: D16 CCT GM C RGB S	9 ch
143: D16 CCT GM C RGB S	9 ch
16: EFFECT MODE RGB	12 ch
15: EFFECT MODE FIX	13 ch
26: RGB RGB S	13 ch
34: RGB RGB SS // dont use //	13 ch
27: RGBW RGBW S	17 ch
29: DIM RGB DIM RGB S	17 ch
104: D CCT GM HUE SAT S	21 ch
28: RGBAW RGBAW S	21 ch
30: DIM RGBW DIM RGBW S	21 ch
106: D16 X Y S	25 ch
31: DIM RGBAW DIM RGBAW S	25 ch
32: RGB CCT DIM IND S	25 ch
74: RGB RGB S	25 ch
82: RGB RGB SS // dont use	25 ch
103: D CCT GM CRO RGB S	29 ch
105: D16 CCT GM H SAT S	29 ch
138: D16 CCT GM C RGB S	33 ch
75: RGBW RGBW S	33 ch
77: DIM RGB DIM RGB S	33 ch
130: D CCT GM HUE SAT S	41 ch
76: RGBAW RGBAW S	41 ch
78: DIM RGBW DIM RGBW S	41 ch
132: D16 X Y S	49 ch
50: RGB RGB S	49 ch

58: RGB RGB SS // dont use //	49 ch
79: DIM RGBAW DIM RGBAW S	49 ch
80: RGB CCT DIM IND S	49 ch
129: D CCT GM CRO RGB S	57 ch
131: D16 CCT GM H SAT S	57 ch
142: D16 CCT GM C RGB S	65 ch
51: RGBW RGBW S	65 ch
53: DIM RGB DIM RGB S	65 ch
117: D CCT GM HUE SAT S	81 ch
52: RGBAW RGBAW	81 ch
54: DIM RGBW DIM RGBW S	81 ch
119: D16 X Y S	97 ch
55: DIM RGBAW DIM RGBAW S	97 ch
56: RGB CCT DIM IND S	97 ch
116: D CCT GM CRO RGB S	113 ch
118: D16 CCT GM H SAT S	113 ch
140: D16 CCT GM C RGB S	129 ch

1: RGB

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

17: RGB;RGB;

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

18: RGB RGB

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

41: RGB;RGB;

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

42: RGB RGB

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

65: RGB;RGB;

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

66: RGB RGB

3 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

19: RGBW RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

2: RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

21: DIM RGB DIM RGB

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

25: RGB;RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

33: RGBS RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

4: DIM RGB

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

43: RGBW RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

45: DIM RGB DIM RGB

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

49: RGB;RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

57: RGBS RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

67: RGBW RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

69: DIM RGB DIM RGB

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

73: RGB;RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

8: RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

81: RGBS RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	

81: RGBS RGBS (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

11: DIM RGBS

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

112: D CCT GM HUE SAT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	

125: D CCT GM HUE SAT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	

20: RGBAW RGBAW

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	

22: DIM RGBW DIM RGBW

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	

3: RGBAW

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	

35: RGBWS RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

37: DIM RGBS DIM RGBS

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	

37: DIM RGBS DIM RGBS (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

44: RGBAW RGBAW

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	

46: DIM RGBW DIM RGBW

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	

5: DIM RGBW

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	

59: RGBWS RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

61: DIM RGBS DIM RGBS

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

68: RGBAW RGBAW

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	

70: DIM RGBW DIM RGBW

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	

83: RGBWS RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

85: DIM RGBS DIM RGBS

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

85: DIM RGBS DIM RGBS (continued)

Ch	Function	Default	DMX values
2	Red	255	
3	Green	255	
4	Blue	255	
5	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

9: RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe
5	White	0	

90: D CCT GM HUE SAT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	

99: D CCT GM HUE SAT

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	

99: D CCT GM HUE SAT (continued)

Ch	Function	Default	DMX values
5	H SBSaturation	0	

10: RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

102: D16 X Y

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY

108: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

115: D16 X Y

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY

12: DIM RGBWS

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

121: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

128: D16 X Y

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

128: D16 X Y (continued)

Ch	Function	Default	DMX values
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY

134: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

23: DIM RGBAW DIM RGBAW

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	

24: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	

36: RGBAWS RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

38: DIM RGBWS DIM RGBWS

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

47: DIM RGBAW DIM RGBAW

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	

48: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	

6: DIM RGBAW

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	

60: RGBAWS RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

62: DIM RGBWS DIM RGBWS

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

7: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	

71: DIM RGBAW DIM RGBAW

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	

72: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	

84: RGBAWS RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

86: DIM RGBWS DIM RGBWS

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

93: D16 X Y

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY

95: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	5	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

101: D16 CCT GM H SAT

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

110: D16 X Y S

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

110: D16 X Y S (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

111: D CCT GM CRO RGB

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	

114: D16 CCT GM H SAT

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

123: D16 X Y S

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

123: D16 X Y S (continued)

Ch	Function	Default	DMX values
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

124: D CCT GM CRO RGB

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	

127: D16 CCT GM H SAT

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

13: DIM RGBAWS

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

13: DIM RGBAWS (continued)

Ch	Function	Default	DMX values
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

136: D16 X Y S

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

14: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

39: DIM RGBAWS DIM RGBAWS

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

39: DIM RGBAWS DIM RGBAWS (continued)

Ch	Function	Default	DMX values
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

40: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

63: DIM RGBAWS DIM RGBAWS

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

64: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	

64: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

87: DIM RGBAWS DIM RGBAWS

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

88: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	0	
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

89: D CCT GM CRO RGB

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

89: D CCT GM CRO RGB (continued)

Ch	Function	Default	DMX values
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	

92: D16 CCT GM H SAT

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

97: D16 X Y S

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

98: D CCT GM CRO RGB

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

98: D CCT GM CRO RGB (continued)

Ch	Function	Default	DMX values
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	

100: D16 CCT GM C RGB

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

107: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

109: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

113: D16 CCT GM C RGB

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	5	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

120: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	

120: D CCT GM CRO RGB S (continued)

Ch	Function	Default	DMX values
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

122: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

126: D16 CCT GM C RGB

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

133: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

135: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	5	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

91: D16 CCT GM C RGB

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	

91: D16 CCT GM C RGB (continued)

Ch	Function	Default	DMX values
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

94: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

96: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	

96: D16 CCT GM H SAT S (continued)

Ch	Function	Default	DMX values
8	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

137: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	
9	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

139: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

139: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

141: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	
9	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

143: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	

143: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

16: EFFECT MODE RGB

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–255 Rotor Split 4
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Macro Trasition	0	0–254 No fade 255–255 Smooth fade
6	Macro Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Macro Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Macro Offset	0	
9	Macro Restart	0	
10	Red	255	
11	Green	255	
12	Blue	255	

15: EFFECT MODE FIX

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe
3	Color Macro1	0	0–7 One Color Static 8–15 Two Color Static 16–23 Three Color Static 24–31 Four Color Static 32–39 One Color Fade 40–47 Two Color Fade 48–55 Three Color Fade 56–63 Four Color Fade 64–71 Simple Running 72–79 Double Running 80–87 Two Col Running 88–95 Flag Running 96–101 Double Flag Running 102–109 Spiral 4 Color 110–117 Spiral 2 Color 118–125 Rainbow 126–133 Fire 134–141 Rotor 142–149 Rotor Split 2 150–255 Rotor Split 4
4	Color Macro1Rate	0	0–254 Slow 255–255 Fast
5	Macro Trasition	0	0–254 No fade 255–255 Smooth fade
6	Macro Direction	0	0–63 Forward with Loop 64–127 Forward one time and stop 128–190 Reverse one time and stop 191–255 Reverse with Loop
7	Macro Size	0	0–63 1 Group 64–127 2 Groups 128–190 3 Groups 191–255 4 Groups
8	Macro Offset	0	
9	Macro Restart	0	
10	Index Color1	2	
11	Index Color2	2	
12	Index Color3	2	
13	Index Color4	2	

26: RGB RGB S

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	

26: RGB RGB S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

34: RGB RGB SS // dont use //

13 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

27: RGBW RGBW S

17 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	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	

27: RGBW RGBW S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

29: DIM RGB DIM RGB S

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

104: D CCT GM HUE SAT S

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	

104: D CCT GM HUE SAT S (continued)

Ch	Function	Default	DMX values
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

28: RGBAW RGBAW S

21 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	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	

28: RGBAW RGBAW S (continued)

Ch	Function	Default	DMX values
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

30: DIM RGBW DIM RGBW S

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

106: D16 X Y S

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer

106: D16 X Y S (continued)

Ch	Function	Default	DMX values
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

31: DIM RGBAW DIM RGBAW S

25 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	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	

31: DIM RGBAW DIM RGBAW S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

32: RGB CCT DIM IND S

25 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	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	

32: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

74: RGB RGB S

25 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

82: RGB RGB SS // dont use

25 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Reserved 4	0	
5	Reserved 5	0	

82: RGB RGB SS // dont use (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

103: D CCT GM CRO RGB S

29 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	
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	

103: D CCT GM CRO RGB S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

105: D16 CCT GM H SAT S

29 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	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	

105: D16 CCT GM H SAT S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

138: D16 CCT GM C RGB S

33 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	
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	

138: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

75: RGBW RGBW S

33 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	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	

75: RGBW RGBW S (continued)

Ch	Function	Default	DMX values
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

77: DIM RGB DIM RGB S

33 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
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	

77: DIM RGB DIM RGB S (continued)

Ch	Function	Default	DMX values
33	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

130: D CCT GM HUE SAT S

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	H SBHue	0	
5	H SBSaturation	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	

130: D CCT GM HUE SAT S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

76: RGBAW RGBAW S

41 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	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	

76: RGBAW RGBAW S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

78: DIM RGBW DIM RGBW S

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	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	

78: DIM RGBW DIM RGBW S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

132: D16 X Y S

49 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
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	

132: D16 X Y S (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

50: RGB RGB S

49 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
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	

50: RGB RGB S (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

58: RGB RGB SS // dont use //

49 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
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	

58: RGB RGB SS // dont use // (continued)

Ch	Function	Default	DMX values
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

79: DIM RGBAW DIM RGBAW S

49 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	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	

79: DIM RGBAW DIM RGBAW S (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

80: RGB CCT DIM IND S

49 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	5	
5	Dimmer	0	0–254 Closed 255–255 Open
6	Color Macro1	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	

80: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

129: D CCT GM CRO RGB S

57 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	C TC	77	
3	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
4	Crossfade	0	
5	Red	255	
6	Green	255	

129: D CCT GM CRO RGB S (continued)

Ch	Function	Default	DMX values
7	Blue	255	
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	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	

129: D CCT GM CRO RGB S (continued)

Ch	Function	Default	DMX values
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

131: D16 CCT GM H SAT S

57 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	0–4 No function 5–62 -2 G 63–126 - 1 G 127–190 0 G 191–254 + 1 G 255–255 +2 G
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	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	

131: D16 CCT GM H SAT S (continued)

Ch	Function	Default	DMX values
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	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

142: D16 CCT GM C RGB S

65 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	
9	Reserved 9	0	

142: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
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	
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	

142: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

51: RGBW RGBW S

65 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	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	

51: RGBW RGBW S (continued)

Ch	Function	Default	DMX values
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	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

53: DIM RGB DIM RGB S

65 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
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	

53: DIM RGB DIM RGB S (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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

117: D CCT GM HUE SAT S

81 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	77	
3	Tint	0	
4	H SBHue	0	
5	H SBSaturation	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	

117: D CCT GM HUE SAT S (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	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	
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	

117: D CCT GM HUE SAT S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

52: RGBAW RGBAW

81 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	0	
5	White	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	

52: RGBAW RGBAW (continued)

Ch	Function	Default	DMX values
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	
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	

52: RGBAW RGBAW (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

54: DIM RGBW DIM RGBW S

81 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	White	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	

54: DIM RGBW DIM RGBW S (continued)

Ch	Function	Default	DMX values
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	
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	

54: DIM RGBW DIM RGBW S (continued)

Ch	Function	Default	DMX values
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

119: D16 X Y S

97 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
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	

119: D16 X Y S (continued)

Ch	Function	Default	DMX values
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	
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	

119: D16 X Y S (continued)

Ch	Function	Default	DMX values
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	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

55: DIM RGBAW DIM RGBAW S

97 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Color Add RY	0	
6	White	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	

55: DIM RGBAW DIM RGBAW S (continued)

Ch	Function	Default	DMX values
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	
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	

55: DIM RGBAW DIM RGBAW S (continued)

Ch	Function	Default	DMX values
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	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

56: RGB CCT DIM IND S

97 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	77	
5	Dimmer	0	
6	Color Macro1	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	

56: RGB CCT DIM IND S (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	

56: RGB CCT DIM IND S (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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

116: D CCT GM CRO RGB S

113 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	77	
3	Tint	0	
4	Crossfade	0	
5	Red	255	
6	Green	255	
7	Blue	255	
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	

116: D CCT GM CRO RGB S (continued)

Ch	Function	Default	DMX values
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	
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	

116: D CCT GM CRO RGB S (continued)

Ch	Function	Default	DMX values
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	
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	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

118: D16 CCT GM H SAT S

113 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	
5	H SBHue	0	
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	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	

118: D16 CCT GM H SAT S (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	

118: D16 CCT GM H SAT S (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	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
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	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe

140: D16 CCT GM C RGB S

129 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	77	
4	Tint	0	
5	Crossfade	0	
6	Red	255	
7	Green	255	
8	Blue	255	
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	

140: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
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	
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	

140: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
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	
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	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	

140: D16 CCT GM C RGB S (continued)

Ch	Function	Default	DMX values
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	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Reserved 128	0	
129	Shutter / Strobe	0	0–3 No function 4–4 Random strobe fast 5–5 Random strobe medium 6–6 Random strobe slow 7–254 Min strobe 255–255 Max strobe