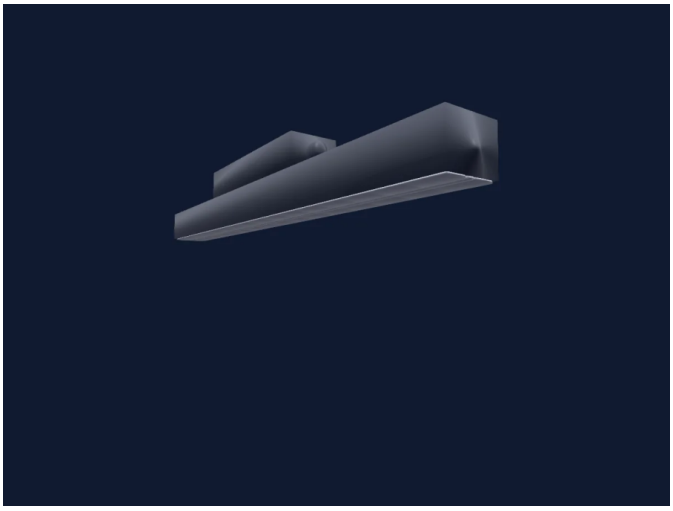
Lotus Light

ST100 AQUA



Manufacturer	**Lotus Light**
Type	**Strobe**
DMX modes	**10**
DMX footprint	**7, 15, 17, 21, 33, 39, 65, 68, 112, 117 channels**
Beam angle	**110°**
Heads / cells	**32**
Size (W × H × D)	**1000 × 70 × 90 mm**
GDTF fixture type	**3287BDE1-AB22-43E5-B2A4-05…**

Controls

Frost · Extra LED colours · RGB colour mixing · Colour wheel · Dimmer · Pixel control

DMX modes

Mode 1-7DMX	7 ch
Mode 2- 15DMX	15 ch
Mode 3 -17DMX	17 ch
Mode 4- 21DMX	21 ch
Mode 5 -33DMX	33 ch
Mode 6 -39DMX	39 ch
Mode 7 -65DMX	65 ch
Mode 8 -68DMX	68 ch
Mode 9-112DMX	112 ch
Mode 10 -117DMX	117 ch

Mode 1-7DMX

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Dimmer	0	
6	Dimmer Fine	0	Fine byte of Dimmer
7	Frost1	0	

Mode 2- 15DMX

15 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Color Wheel	0	0–9 Open (wheel slot 1) 10–17 Color 1 (wheel slot 2) 18–24 Color 2 (wheel slot 3) 25–32 Color 3 (wheel slot 4) 33–39 Color 4 (wheel slot 5) 40–47 Color 5 (wheel slot 6) 48–54 Color 6 (wheel slot 7) 55–61 Color 7 (wheel slot 8) 62–69 Color 8 (wheel slot 9) 70–76 Color 9 (wheel slot 10) 77–84 Color 10 (wheel slot 11) 85–91 Color 11 (wheel slot 12) 92–99 Color 12 (wheel slot 13) 100–106 Color 13 (wheel slot 14) 107–113 Color 14 (wheel slot 15) 114–121 Color 15 (wheel slot 16) 122–128 Color 16 (wheel slot 17) 129–136 Color 17 (wheel slot 18) 137–143 Color 18 (wheel slot 19) 144–151 Color 19 (wheel slot 20) 152–158 Color 20 (wheel slot 21) 159–165 Color 21 (wheel slot 22) 166–173 Color 22 (wheel slot 23) 174–180 Color 23 (wheel slot 24) 181–188 Color 24 (wheel slot 25) 189–195 Color 25 (wheel slot 26) 196–203 Color 26 (wheel slot 27) 204–210 Color 27 (wheel slot 28) 211–217 Color 28 (wheel slot 29) 218–225 Color 29 (wheel slot 30) 226–232 Color 30 (wheel slot 31) 233–255 Color 31 (wheel slot 32)
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Strobe Duration	0	
9	Shutter1Strobe	255	0–6 Shutter1Strobe 1 7–255 Shutter1Strobe 2
10	Shutter1Strobe Effect	0	

Mode 2- 15DMX (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–21 Open 22–30 Macro 1 31–39 Macro 2 40–48 Macro 3 49–57 Macro 4 58–66 Macro 5 67–75 Macro 6 76–84 Macro 7 85–93 Macro 8 94–102 Macro 9 103–111 Macro 10 112–120 Macro 11 121–129 Macro 12 130–138 Macro 13 139–147 Macro 14 148–156 Macro 15 157–165 Macro 16 166–174 Macro 17 175–183 Macro 18 184–192 Macro 19 193–201 Macro 20 202–210 Macro 21 211–219 Macro 22 220–228 Macro 23 229–237 Macro 24 238–246 Macro 25 247–255 Macro 26
12	Color Macro2	0	0–90 Open 91–105 Macro 1 106–120 Macro 2 121–135 Macro 3 136–150 Macro 4 151–165 Macro 5 166–180 Macro 6 181–195 Macro 7 196–210 Macro 8 211–225 Macro 9 226–240 Macro 10 241–255 Macro 11
13	Color Mix MSpeed	255	
14	Color Fade	0	
15	Frost1	0	

Mode 3 -17DMX

17 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	

Mode 3 -17DMX (continued)

Ch	Function	Default	DMX values
11	Green	255	
12	Blue	255	
13	White	255	
14	White	255	
15	White	255	
16	White	255	
17	Frost1	0	

Mode 4- 21DMX

21 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Wheel	0	0–9 Open (wheel slot 1) 10–17 Color 1 (wheel slot 2) 18–24 Color 2 (wheel slot 3) 25–32 Color 3 (wheel slot 4) 33–39 Color 4 (wheel slot 5) 40–47 Color 5 (wheel slot 6) 48–54 Color 6 (wheel slot 7) 55–61 Color 7 (wheel slot 8) 62–69 Color 8 (wheel slot 9) 70–76 Color 9 (wheel slot 10) 77–84 Color 10 (wheel slot 11) 85–91 Color 11 (wheel slot 12) 92–99 Color 12 (wheel slot 13) 100–106 Color 13 (wheel slot 14) 107–113 Color 14 (wheel slot 15) 114–121 Color 15 (wheel slot 16) 122–128 Color 16 (wheel slot 17) 129–136 Color 17 (wheel slot 18) 137–143 Color 18 (wheel slot 19) 144–151 Color 19 (wheel slot 20) 152–158 Color 20 (wheel slot 21) 159–165 Color 21 (wheel slot 22) 166–173 Color 22 (wheel slot 23) 174–180 Color 23 (wheel slot 24) 181–188 Color 24 (wheel slot 25) 189–195 Color 25 (wheel slot 26) 196–203 Color 26 (wheel slot 27) 204–210 Color 27 (wheel slot 28) 211–217 Color 28 (wheel slot 29) 218–225 Color 29 (wheel slot 30) 226–232 Color 30 (wheel slot 31) 233–255 Color 31 (wheel slot 32)
5	Dimmer	0	
6	Dimmer Fine	0	Fine byte of Dimmer
7	Strobe Duration	0	
8	Shutter1Strobe	255	0–6 Shutter1Strobe 1 7–255 Shutter1Strobe 2
9	Shutter1Strobe Effect	0	

Mode 4- 21DMX (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–21 Open 22–30 Macro 1 31–39 Macro 2 40–48 Macro 3 49–57 Macro 4 58–66 Macro 5 67–75 Macro 6 76–84 Macro 7 85–93 Macro 8 94–102 Macro 9 103–111 Macro 10 112–120 Macro 11 121–129 Macro 12 130–138 Macro 13 139–147 Macro 14 148–156 Macro 15 157–165 Macro 16 166–174 Macro 17 175–183 Macro 18 184–192 Macro 19 193–201 Macro 20 202–210 Macro 21 211–219 Macro 22 220–228 Macro 23 229–237 Macro 24 238–246 Macro 25 247–255 Macro 26
11	Color Mix MSpeed	255	
12	Color Fade	0	
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Strobe Duration	0	
16	Shutter1Strobe	255	0–6 Shutter1Strobe 1 7–255 Shutter1Strobe 2
17	Shutter1Strobe Effect	0	
18	Color Macro2	0	0–91 Open 92–105 Macro 1 106–120 Macro 2 121–135 Macro 3 136–150 Macro 4 151–165 Macro 5 166–180 Macro 6 181–195 Macro 7 196–210 Macro 8 211–225 Macro 9 226–240 Macro 10 241–255 Macro 11
19	Color Mix MSpeed	255	
20	Color Fade	0	
21	Frost1	0	

Mode 5 -33DMX

33 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	

Mode 5 -33DMX (continued)

Ch	Function	Default	DMX values
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	White	255	
26	White	255	
27	White	255	
28	White	255	
29	White	255	
30	White	255	
31	White	255	
32	White	255	
33	Frost1	0	

Mode 6 -39DMX

39 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	

Mode 6 -39DMX (continued)

Ch	Function	Default	DMX values
11	Green	255	
12	Blue	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Dimmer	0	0–127 % 0 128–255 % 100
26	Dimmer Fine	0	Fine byte of Dimmer
27	Strobe Duration	0	0–0 % 0 1–127 % 50 128–255 % 100
28	Shutter1Strobe	7	0–6 Shutter1Strobe 1 7–255 Shutter1Strobe 2
29	Shutter1Strobe Effect	0	0–0 % 0 1–127 % 50 128–255 % 100
30	White	255	
31	White	255	
32	White	255	
33	White	255	
34	Dimmer	0	0–127 % 0 128–255 % 100
35	Dimmer Fine	0	Fine byte of Dimmer
36	Strobe Duration	0	0–0 % 0 1–127 % 50 128–255 % 100
37	Shutter1Strobe	0	0–6 Shutter1Strobe 1 7–255 Shutter1Strobe 2
38	Shutter1Strobe Effect	0	0–0 % 0 1–127 % 50 128–255 % 100
39	Frost1	0	

Mode 7 -65DMX

65 channels

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

Mode 7 -65DMX (continued)

Ch	Function	Default	DMX values
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Red	255	
38	Green	255	
39	Blue	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	White	255	

Mode 7 -65DMX (continued)

Ch	Function	Default	DMX values
50	White	255	
51	White	255	
52	White	255	
53	White	255	
54	White	255	
55	White	255	
56	White	255	
57	White	255	
58	White	255	
59	White	255	
60	White	255	
61	White	255	
62	White	255	
63	White	255	
64	White	255	
65	Frost1	0	

Mode 8 -68DMX

68 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter1Strobe	0	
3	Shutter2Strobe	0	
4	Frost1	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Red	255	
9	Green	255	
10	Blue	255	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Red	255	
15	Green	255	
16	Blue	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Red	255	
21	Green	255	
22	Blue	255	
23	Red	255	
24	Green	255	
25	Blue	255	

Mode 8 -68DMX (continued)

Ch	Function	Default	DMX values
26	Red	255	
27	Green	255	
28	Blue	255	
29	Red	255	
30	Green	255	
31	Blue	255	
32	Red	255	
33	Green	255	
34	Blue	255	
35	Red	255	
36	Green	255	
37	Blue	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	Red	255	
42	Green	255	
43	Blue	255	
44	Red	255	
45	Green	255	
46	Blue	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Red	255	
51	Green	255	
52	Blue	255	
53	White	255	
54	White	255	
55	White	255	
56	White	255	
57	White	255	
58	White	255	
59	White	255	
60	White	255	
61	White	255	
62	White	255	
63	White	255	
64	White	255	
65	White	255	
66	White	255	
67	White	255	
68	White	255	

Mode 9-112DMX

112 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Red	255	
17	Green	255	
18	Blue	255	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Red	255	
23	Green	255	
24	Blue	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Red	255	
29	Green	255	
30	Blue	255	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Red	255	
38	Green	255	
39	Blue	255	
40	Red	255	
41	Green	255	
42	Blue	255	
43	Red	255	
44	Green	255	
45	Blue	255	

Mode 9-112DMX (continued)

Ch	Function	Default	DMX values
46	Red	255	
47	Green	255	
48	Blue	255	
49	Red	255	
50	Green	255	
51	Blue	255	
52	Red	255	
53	Green	255	
54	Blue	255	
55	Red	255	
56	Green	255	
57	Blue	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	Red	255	
68	Green	255	
69	Blue	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Red	255	
74	Green	255	
75	Blue	255	
76	Red	255	
77	Green	255	
78	Blue	255	
79	Red	255	
80	Green	255	
81	Blue	255	
82	Red	255	
83	Green	255	
84	Blue	255	
85	Red	255	
86	Green	255	
87	Blue	255	
88	Red	255	
89	Green	255	
90	Blue	255	

Mode 9-112DMX (continued)

Ch	Function	Default	DMX values
91	Red	255	
92	Green	255	
93	Blue	255	
94	Red	255	
95	Green	255	
96	Blue	255	
97	White	255	
98	White	255	
99	White	255	
100	White	255	
101	White	255	
102	White	255	
103	White	255	
104	White	255	
105	White	255	
106	White	255	
107	White	255	
108	White	255	
109	White	255	
110	White	255	
111	White	255	
112	White	255	

Mode 10 -117DMX

117 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Strobe Duration	0	
3	Shutter1Strobe	255	
4	Shutter1Strobe Effect	0	
5	Frost1	0	
6	Red	255	
7	Green	255	
8	Blue	255	
9	Red	255	
10	Green	255	
11	Blue	255	
12	Red	255	
13	Green	255	
14	Blue	255	
15	Red	255	
16	Green	255	
17	Blue	255	
18	Red	255	
19	Green	255	

Mode 10 -117DMX (continued)

Ch	Function	Default	DMX values
20	Blue	255	
21	Red	255	
22	Green	255	
23	Blue	255	
24	Red	255	
25	Green	255	
26	Blue	255	
27	Red	255	
28	Green	255	
29	Blue	255	
30	Red	255	
31	Green	255	
32	Blue	255	
33	Red	255	
34	Green	255	
35	Blue	255	
36	Red	255	
37	Green	255	
38	Blue	255	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Red	255	
43	Green	255	
44	Blue	255	
45	Red	255	
46	Green	255	
47	Blue	255	
48	Red	255	
49	Green	255	
50	Blue	255	
51	Red	255	
52	Green	255	
53	Blue	255	
54	Red	255	
55	Green	255	
56	Blue	255	
57	Red	255	
58	Green	255	
59	Blue	255	
60	Red	255	
61	Green	255	
62	Blue	255	
63	Red	255	
64	Green	255	

Mode 10 -117DMX (continued)

Ch	Function	Default	DMX values
65	Blue	255	
66	Red	255	
67	Green	255	
68	Blue	255	
69	Red	255	
70	Green	255	
71	Blue	255	
72	Red	255	
73	Green	255	
74	Blue	255	
75	Red	255	
76	Green	255	
77	Blue	255	
78	Red	255	
79	Green	255	
80	Blue	255	
81	Red	255	
82	Green	255	
83	Blue	255	
84	Red	255	
85	Green	255	
86	Blue	255	
87	Red	255	
88	Green	255	
89	Blue	255	
90	Red	255	
91	Green	255	
92	Blue	255	
93	Red	255	
94	Green	255	
95	Blue	255	
96	Red	255	
97	Green	255	
98	Blue	255	
99	Red	255	
100	Green	255	
101	Blue	255	
102	White	255	
103	White	255	
104	White	255	
105	White	255	
106	White	255	
107	White	255	
108	White	255	
109	White	255	

Mode 10 -117DMX (continued)

Ch	Function	Default	DMX values
110	White	255	
111	White	255	
112	White	255	
113	White	255	
114	White	255	
115	White	255	
116	White	255	
117	White	255	