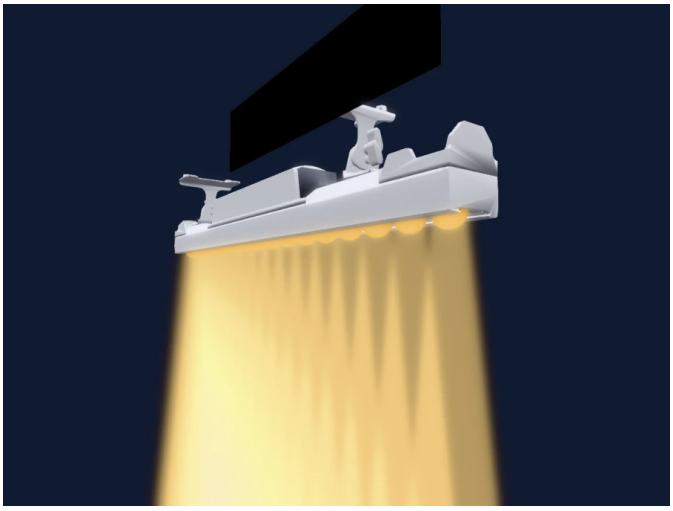
Showtec

Spectra Wash



Manufacturer	**Showtec**
Type	**LED bar**
DMX modes	**8**
DMX footprint	**3, 4, 6, 11, 23, 32, 64, 71 channels**
Beam angle	**10.8°**
Heads / cells	**16**
Size (W × H × D)	**710 × 107 × 141 mm**
GDTF fixture type	**3D848E36-2B0C-11F0-AFEE-42…**

Controls

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

Safety-relevant functions

Built-in effect programmes

DMX modes

3Ch Mode	3 ch
4Ch Mode	4 ch
6Ch Mode	6 ch
11Ch Mode	11 ch
23Ch Mode	23 ch
32Ch Mode	32 ch
64Ch Mode	64 ch
71Ch Mode	71 ch

3Ch Mode

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Color Macro1	0	
3	Shutter / Strobe	0	0–5 Open - Shutter Open 6–60 Strobe - Strobe 61–110 Ramp Up S > F - Strobe Pulse Open 111–160 Ramp Down S > F - Strobe Pulse Closed 161–210 Random Linear Strobe S > F - Strobe Random 211–255 Random Sectoral S > F - Strobe Random

4Ch Mode

4 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max

6Ch Mode

6 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Shutter / Strobe	0	0–5 Open - Shutter Open 6–60 Strobe - Strobe 61–110 Ramp Up S > F - Strobe Pulse Open 111–160 Ramp Down S > F - Strobe Pulse Closed 161–210 Random Linear Strobe S > F - Strobe Random 211–255 Random Sectoral S > F - Strobe Random
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

11Ch Mode

11 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Shutter / Strobe	0	0–5 Open - Shutter Open 6–60 Strobe - Strobe 61–110 Ramp Up S > F - Strobe Pulse Open 111–160 Ramp Down S > F - Strobe Pulse Closed 161–210 Random Linear Strobe S > F - Strobe Random 211–255 Random Sectoral S > F - Strobe Random
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Control1	0	0–44 No Function - Custom 45–49 Dimmer Off - Custom 50–54 No Function - Custom 55–59 Dimmer Speed 1 - Speed 60–64 Dimmer Speed 2 - Speed 65–69 Dimmer Speed 3 - Speed 70–74 Dimmer Speed 4 - Speed 75–89 No Function - Custom 90–94 Enable White Balance Function - Custom 95–99 No Function - Custom 100–104 Disable White Balance Function - Custom 105–114 No Function - Custom 115–119 600Hz - Custom 120–124 1200Hz - Custom 125–129 2400Hz - Custom 130–134 4800Hz - Custom 135–139 9600Hz - Custom 140–144 12000Hz - Custom 145–149 25000Hz - Custom 150–255 No Function - Custom
8	Color Macro1	0	

11Ch Mode (continued)

Ch	Function	Default	DMX values
9	Effect	0	0–10 No Function - Custom 11–20 Auto 1 - Macro 21–30 Auto 2 - Macro 31–40 Auto 3 - Macro 41–50 Auto 4 - Macro 51–60 Auto 5 - Macro 61–70 Auto 6 - Macro 71–80 Auto 7 - Macro 81–90 Auto 8 - Macro 91–100 Auto 9 - Macro 101–110 Auto 10 - Macro 111–120 Auto 11 - Macro 121–130 Auto 12 - Macro 131–140 Auto 13 - Macro 141–150 Auto 14 - Macro 151–160 Auto 15 - Macro 161–170 Auto 16 - Macro 171–180 Auto 17 - Macro 181–190 Auto 18 - Macro 191–200 Auto 19 - Macro 201–210 Auto 20 - Macro 211–220 Auto 21 - Macro 221–230 Auto 22 - Macro 231–255 No Function - Custom
10	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Dimmer Mode	0	0–0 Min 1–254 Min > Max 255–255 Max

23Ch Mode

23 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Shutter / Strobe	0	0–5 Open - Shutter Open 6–60 Strobe - Strobe 61–110 Ramp Up S > F - Strobe Pulse Open 111–160 Ramp Down S > F - Strobe Pulse Closed 161–210 Random Linear Strobe S > F - Strobe Random 211–255 Random Sectoral S > F - Strobe Random
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Color Macro1	0	

23Ch Mode (continued)

Ch	Function	Default	DMX values
8	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
17	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

32Ch Mode

32 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

32Ch Mode (continued)

Ch	Function	Default	DMX values
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
12	White	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
16	White	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

32Ch Mode (continued)

Ch	Function	Default	DMX values
20	White	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
24	White	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
28	White	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
32	White	255	0–0 Min 1–254 Min > Max 255–255 Max

64Ch Mode

64 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	White	255	0–0 Min 1–254 Min > Max 255–255 Max

64Ch Mode (continued)

Ch	Function	Default	DMX values
5	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
12	White	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
16	White	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
20	White	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

64Ch Mode (continued)

Ch	Function	Default	DMX values
23	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
24	White	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
28	White	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
32	White	255	0–0 Min 1–254 Min > Max 255–255 Max
33	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
34	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
36	White	255	0–0 Min 1–254 Min > Max 255–255 Max
37	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
40	White	255	0–0 Min 1–254 Min > Max 255–255 Max

64Ch Mode (continued)

Ch	Function	Default	DMX values
41	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
42	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
43	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
44	White	255	0–0 Min 1–254 Min > Max 255–255 Max
45	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
46	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
47	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
48	White	255	0–0 Min 1–254 Min > Max 255–255 Max
49	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
50	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
51	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
52	White	255	0–0 Min 1–254 Min > Max 255–255 Max
53	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
54	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
55	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
56	White	255	0–0 Min 1–254 Min > Max 255–255 Max
57	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
58	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

64Ch Mode (continued)

Ch	Function	Default	DMX values
59	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
60	White	255	0–0 Min 1–254 Min > Max 255–255 Max
61	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
62	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
63	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
64	White	255	0–0 Min 1–254 Min > Max 255–255 Max

71Ch Mode

71 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	0	0–5 Open - Shutter Open 6–60 Strobe - Strobe 61–110 Ramp Up S > F - Strobe Pulse Open 111–160 Ramp Down S > F - Strobe Pulse Closed 161–210 Random Linear Strobe S > F - Strobe Random 211–255 Random Sectoral S > F - Strobe Random
2	Dimmer	0	
3	Control1	0	
4	Color Macro1	0	
5	Effect	0	0–10 No Function - Custom 11–20 Auto 1 - Macro 21–30 Auto 2 - Macro 31–40 Auto 3 - Macro 41–50 Auto 4 - Macro 51–60 Auto 5 - Macro 61–70 Auto 6 - Macro 71–80 Auto 7 - Macro 81–90 Auto 8 - Macro 91–100 Auto 9 - Macro 101–110 Auto 10 - Macro 111–120 Auto 11 - Macro 121–130 Auto 12 - Macro 131–140 Auto 13 - Macro 141–150 Auto 14 - Macro 151–160 Auto 15 - Macro 161–170 Auto 16 - Macro 171–180 Auto 17 - Macro 181–190 Auto 18 - Macro 191–200 Auto 19 - Macro 201–210 Auto 20 - Macro 211–220 Auto 21 - Macro 221–230 Auto 22 - Macro 231–255 No Function - Custom
6	Effect Speed	0	
7	Dimmer Mode	0	

71Ch Mode (continued)

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

71Ch Mode (continued)

Ch	Function	Default	DMX values
53	Green	255	
54	Blue	255	
55	White	255	
56	Red	255	
57	Green	255	
58	Blue	255	
59	White	255	
60	Red	255	
61	Green	255	
62	Blue	255	
63	White	255	
64	Red	255	
65	Green	255	
66	Blue	255	
67	White	255	
68	Red	255	
69	Green	255	
70	Blue	255	
71	White	255	