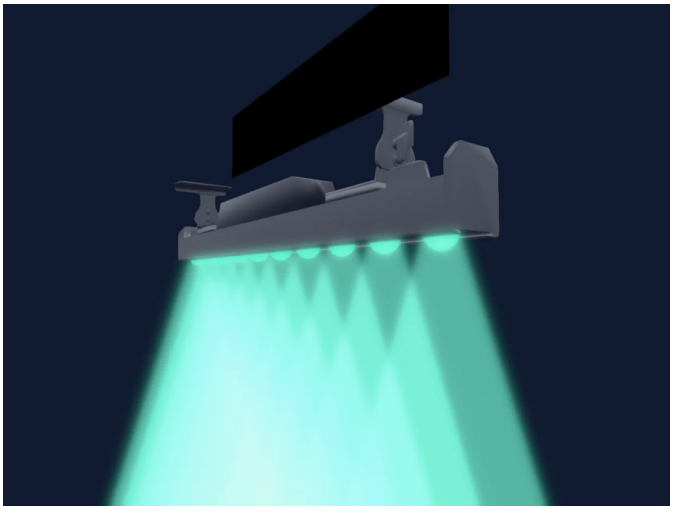
Showtec

Photon Sunstrip



Manufacturer	**Showtec**
Type	**LED bar**
DMX modes	**6**
DMX footprint	**1, 2, 5, 10, 14, 36 channels**
Beam angle	**33°**
Size (W × H × D)	**796 × 103 × 140 mm**
GDTF fixture type	**54D5741F-1E0D-11F1-8D75-42…**

Controls

Extra LED colours · Strobe · Dimmer

DMX modes

1Ch Mode	1 ch
2Ch Mode	2 ch
5Ch Mode	5 ch
10Ch Mode	10 ch
14Ch Mode	14 ch
36Ch Mode	36 ch

1Ch Mode

1 channel

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

2Ch Mode

2 channels

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

5Ch Mode

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
3	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

10Ch Mode

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
3	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
4	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

10Ch Mode (continued)

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

14Ch Mode

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Shutter / Strobe	255	0–5 No Function 6–54 Strobe S > F 55–103 Ramp Up strobe · Ramp Up S > F 0.1–20 Hz 104–152 Ramp Down strobe · Ramp Down S > F 0.1–20 Hz 153–201 Strobe Random S > F 202–250 Random Sectiona S > F 251–255 Open
3	Dimmer	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
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

14Ch Mode (continued)

Ch	Function	Default	DMX values
13	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Control1	0	0–5 No Function 6–15 Dimmer Curve Linear 16–25 Dimmer Curve Square 26–35 Dimmer Curve Inverse Square 36–45 Dimmer Curve S-Curve 46–55 Dimmer Speed Fast 56–65 Dimmer Speed Smooth 66–75 Dimmer Speed Super Smooth 76–85 Tungsten Mode High Quality 86–95 Tungsten Mode High Output 96–105 Pixel Directional Normal 106–115 Pixel Directional Inverted 116–125 Display Directional Normal 126–135 Display Directional Inverted 136–145 PWM 1 KHZ 146–155 PWM 3 KHZ 156–165 PWM 6 KHZ 166–175 PWM 12 KHZ 176–255 No Function

36Ch Mode

36 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Shutter / Strobe	255	0–5 No Function 6–54 Strobe S > F 55–103 Ramp Up strobe · Ramp Up S > F 0.1–20 Hz 104–152 Ramp Down strobe · Ramp Down S > F 0.1–20 Hz 153–201 Strobe Random S > F 202–250 Random Sectiona S > F 251–255 Open
3	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	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	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max

36Ch Mode (continued)

Ch	Function	Default	DMX values
10	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Color Add RY	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	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
23	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
24	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max

36Ch Mode (continued)

Ch	Function	Default	DMX values
28	Color Add RY	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	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
33	Color Add WW	255	0–0 Min 1–254 Min > Max 255–255 Max
34	Color Add RY	255	0–0 Min 1–254 Min > Max 255–255 Max
35	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Control1	0	0–5 No Function 6–15 Dimmer Curve Linear 16–25 Dimmer Curve Square 26–35 Dimmer Curve Inverse Square 36–45 Dimmer Curve S-Curve 46–55 Dimmer Speed Fast 56–65 Dimmer Speed Smooth 66–75 Dimmer Speed Super Smooth 76–85 Tungsten Mode High Quality 86–95 Tungsten Mode High Output 96–105 Pixel Directional Normal 106–115 Pixel Directional Inverted 116–125 Display Directional Normal 126–135 Display Directional Inverted 136–145 PWM 1 KHZ 146–155 PWM 3 KHZ 156–165 PWM 6 KHZ 166–175 PWM 12 KHZ 176–255 No Function