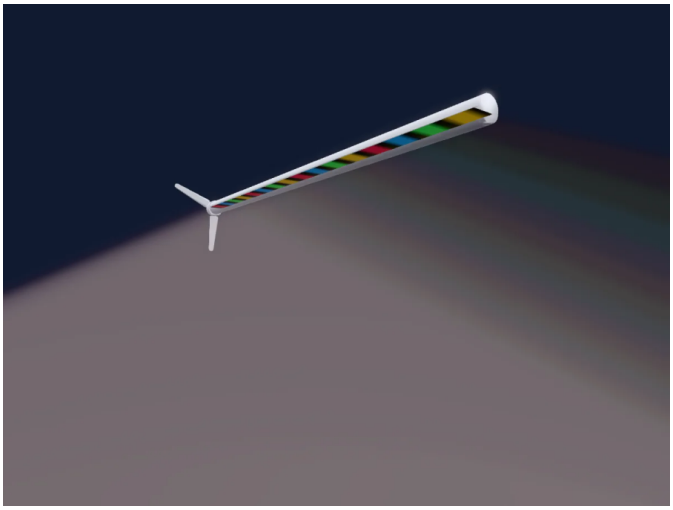
Chauvet Professional

WELL STX 180



Manufacturer	**Chauvet Professional**
Type	**LED bar**
DMX modes	**5**
DMX footprint	**4, 15, 64, 67, 73 channels**
Beam angle	**126°**
Heads / cells	**16**
Size (W × H × D)	**1040 × 42 × 42 mm**
GDTF fixture type	**269131EC-F24E-4486-98BD-3B…**

Controls

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

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

4Ch Mode	4 ch
15Ch Mode	15 ch
64Ch Mode	64 ch
67Ch Mode	67 ch
73Ch Mode	73 ch

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

15Ch Mode

15 channels

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

15Ch Mode (continued)

Ch	Function	Default	DMX values
6	C TC	0	0–5 No Function - Custom 6–12 2800K - CTC 13–19 2900K - CTC 20–26 3000K - CTC 27–33 3100K - CTC 34–40 3200K - CTC 41–47 3300K - CTC 48–54 3400K - CTC 55–61 3500K - CTC 62–68 3600K - CTC 69–75 3700K - CTC 76–82 3800K - CTC 83–89 3900K - CTC 90–96 4000K - CTC 97–103 4100K - CTC 104–110 4200K - CTC 111–117 4300K - CTC 118–124 4400K - CTC 125–131 4500K - CTC 132–138 4600K - CTC 139–145 4700K - CTC 146–152 4800K - CTC 153–159 4900K - CTC 160–166 5000K - CTC 167–173 5100K - CTC 174–180 5200K - CTC 181–187 5300K - CTC 188–194 5400K - CTC 195–201 5500K - CTC 202–208 5600K - CTC 209–215 5700K - CTC 216–222 6000K - CTC 223–229 6500K - CTC 230–236 7000K - CTC 237–243 7500K - CTC 244–255 8000K - CTC
7	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

15Ch Mode (continued)

Ch	Function	Default	DMX values
8	Effect	0	0–10 No Function - Custom 11–18 Program 1 - Macro 19–26 Program 2 - Macro 27–34 Program 3 - Macro 35–42 Program 4 - Macro 43–50 Program 5 - Macro 51–58 Program 6 - Macro 59–66 Program 7 - Macro 67–74 Program 8 - Macro 75–82 Program 9 - Macro 83–90 Program 10 - Macro 91–98 Program 11 - Macro 99–106 Program 12 - Macro 107–114 Program 13 - Macro 115–122 Program 14 - Macro 123–130 Program 15 - Macro 131–138 Program 16 - Macro 139–146 Program 17 - Macro 147–154 Program 18 - Macro 155–162 Program 19 - Macro 163–170 Program 20 - Macro 171–178 Program 21 - Macro 179–186 Program 22 - Macro 187–194 Program 23 - Macro 195–202 Program 24 - Macro 203–210 Program 25 - Macro 211–218 Program 26 - Macro 219–226 Program 27 - Macro 227–255 Program 28 - Macro
9	Effect Speed	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	Color Macro1	0	0–13 Red - Color 14–27 Green - Color 28–41 Blue - Color 42–55 White - Color 56–69 Green + Blue - Color 70–83 Red + Blue - Color 84–97 Red + Green - Color 98–111 Red + Green + Blue - Color 112–125 Red + White - Color 126–139 Green + White - Color 140–153 Blue + White - Color 154–167 Red + Green + White - Color 168–181 Red + Blue + White - Color 182–195 Green + Blue + White - Color 196–209 Red + Green + Blue + White - Color 210–223 2800K - CTC 224–237 7000K - CTC 238–255 Auto - Macro
12	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

15Ch Mode (continued)

Ch	Function	Default	DMX values
13	Color Macro2	0	0–13 Red - Color 14–27 Green - Color 28–41 Blue - Color 42–55 White - Color 56–69 Green + Blue - Color 70–83 Red + Blue - Color 84–97 Red + Green - Color 98–111 Red + Green + Blue - Color 112–125 Red + White - Color 126–139 Green + White - Color 140–153 Blue + White - Color 154–167 Red + Green + White - Color 168–181 Red + Blue + White - Color 182–195 Green + Blue + White - Color 196–209 Red + Green + Blue + White - Color 210–223 2800K - CTC 224–237 7000K - CTC 238–255 Auto - Macro
14	Intensity MSpeed	0	0–51 Preset Dim Speed Display Menu 52–101 Dimmer Speed Mode Off 102–152 Dimmer Speed Mode 1 153–203 Dimmer Speed Mode 2 204–255 Dimmer Speed Mode 3
15	Control1	0	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
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

64Ch Mode (continued)

Ch	Function	Default	DMX values
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
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

64Ch Mode (continued)

Ch	Function	Default	DMX values
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
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

64Ch Mode (continued)

Ch	Function	Default	DMX values
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
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

64Ch Mode (continued)

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

67Ch Mode

67 channels

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

67Ch Mode (continued)

Ch	Function	Default	DMX values
40	White	255	
41	Red	255	
42	Green	255	
43	Blue	255	
44	White	255	
45	Red	255	
46	Green	255	
47	Blue	255	
48	White	255	
49	Red	255	
50	Green	255	
51	Blue	255	
52	White	255	
53	Red	255	
54	Green	255	
55	Blue	255	
56	White	255	
57	Red	255	
58	Green	255	
59	Blue	255	
60	White	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	White	255	
65	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
66	Dimmer	0	
67	Intensity MSpeed	0	

73Ch Mode

73 channels

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

73Ch Mode (continued)

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

73Ch Mode (continued)

Ch	Function	Default	DMX values
59	Blue	255	
60	White	255	
61	Red	255	
62	Green	255	
63	Blue	255	
64	White	255	
65	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
66	Effect	0	0–10 No Function - Custom 11–18 Auto Program 1 - Macro 19–26 Auto Program 2 - Macro 27–34 Auto Program 3 - Macro 35–42 Auto Program 4 - Macro 43–50 Auto Program 5 - Macro 51–58 Auto Program 6 - Macro 59–66 Auto Program 7 - Macro 67–74 Auto Program 8 - Macro 75–82 Auto Program 9 - Macro 83–90 Auto Program 10 - Macro 91–98 Auto Program 11 - Macro 99–106 Auto Program 12 - Macro 107–114 Auto Program 13 - Macro 115–122 Auto Program 14 - Macro 123–130 Auto Program 15 - Macro 131–138 Auto Program 16 - Macro 139–146 Auto Program 17 - Macro 147–154 Auto Program 18 - Macro 155–162 Auto Program 19 - Macro 163–170 Auto Program 20 - Macro 171–178 Auto Program 21 - Macro 179–186 Auto Program 22 - Macro 187–194 Auto Program 23 - Macro 195–202 Auto Program 24 - Macro 203–210 Auto Program 25 - Macro 211–218 Auto Program 26 - Macro 219–226 Auto Program 27 - Macro 227–255 Cycles Through Auto Programs 1-27 - Macro
67	Effect Speed	0	
68	Dimmer	0	
69	Color Macro1	0	
70	Dimmer	0	
71	Color Macro2	0	
72	Dimmer	0	
73	Intensity MSpeed	0	