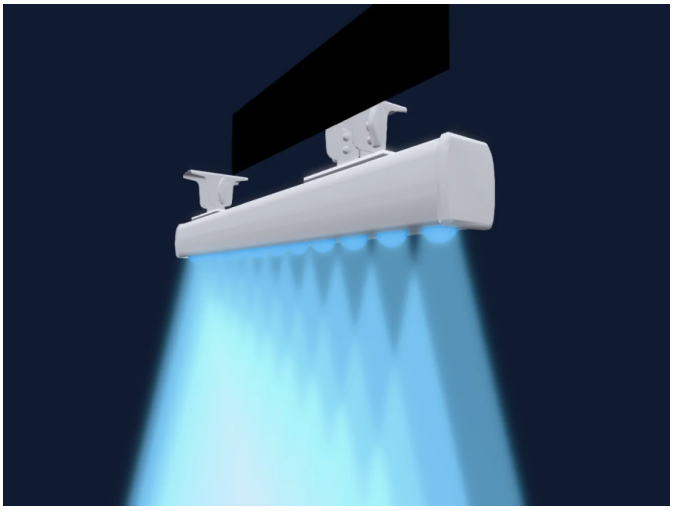
Chauvet Professional

COLORdash Batten H12X IP



Manufacturer	**Chauvet Professional**
Type	**LED bar**
DMX modes	**8**
DMX footprint	**6, 8, 9, 13, 14, 42, 47, 59 channels**
Beam angle	**24.9°**
Heads / cells	**13**
Size (W × H × D)	**694 × 83 × 150 mm**
GDTF fixture type	**8EC01358-E582-11EE-A728-525…**

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

6Ch	6 ch
8Ch	8 ch
9Ch	9 ch
13Ch	13 ch
14Ch	14 ch
42Ch	42 ch
47Ch	47 ch
59Ch	59 ch

6Ch

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	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	White	0	0–0 Min 1–254 Min > Max 255–255 Max
6	UV	0	0–0 Min 1–254 Min > Max 255–255 Max

8Ch

8 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	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	White	0	0–0 Min 1–254 Min > Max 255–255 Max
7	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

9Ch

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

9Ch (continued)

Ch	Function	Default	DMX values
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	White	0	0–0 Min 1–254 Min > Max 255–255 Max
8	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

13Ch

13 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	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	White	0	0–0 Min 1–254 Min > Max 255–255 Max
7	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
9	Color Macro1	0	0–10 No Function - Custom 11–51 R:100-0% G:0-100% B:0% A:0% W:0% - Color 52–91 R:0% G:100-0% B:0-100% A:0% W:0% - Color 92–131 R:0-100% G:0% B:100-0% A:0% W:0% - Color 132–151 R:100-0% G:0% B:0% A:0% W:0-100% - Color 152–169 R:0% G:0% B:0-100% A:0% W:100-0% - Color 170–200 R:100% G:100% B:100% A:100% W:100% - Color 201–255 R:0-100% G:0-100% B:0-100% A:0-100% W:0-100% ...

13Ch (continued)

Ch	Function	Default	DMX values
10	C TC	0	0–5 No Function - Custom 6–25 Warm White 1 - CTC 26–50 Warm White 2 - CTC 51–75 Warm White 3 - CTC 76–100 Neutral White 1 - CTC 101–125 Neutral White 2 - CTC 126–150 Neutral White 3 - CTC 151–175 Daylight 1 - CTC 176–200 Daylight 2 - CTC 201–225 Daylight 3 - CTC 226–250 Daylight 4 - CTC 251–255 No Function - Custom
11	Effect	0	0–10 No Function - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 (Auto Program 1-4) - Macro
12	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Intensity MSpeed	0	0–51 Preset Dim - Speed 52–101 Off - Speed 102–152 Dimmer Speed 1 (Fast) - Speed 153–203 Dimmer Speed 2 (Moderate) - Speed 204–255 Dimmer Speed 3 (Slow) - Speed

14Ch

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	White	0	0–0 Min 1–254 Min > Max 255–255 Max
8	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

14Ch (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–10 No Function - Custom 11–51 R:100-0% G:0-100% B:0% A:0% W:0% - Color 52–91 R:0% G:100-0% B:0-100% A:0% W:0% - Color 92–131 R:0-100% G:0% B:100-0% A:0% W:0% - Color 132–151 R:100-0% G:0% B:0% A:0% W:0-100% - Color 152–169 R:0% G:0% B:0-100% A:0% W:100-0% - Color 170–200 R:100% G:100% B:100% A:100% W:100% - Color 201–255 R:0-100% G:0-100% B:0-100% A:0-100% W:0-100% ...
11	C TC	0	0–5 No Function - Custom 6–25 Warm White 1 - CTC 26–50 Warm White 2 - CTC 51–75 Warm White 3 - CTC 76–100 Neutral White 1 - CTC 101–125 Neutral White 2 - CTC 126–150 Neutral White 3 - CTC 151–175 Daylight 1 - CTC 176–200 Daylight 2 - CTC 201–225 Daylight 3 - CTC 226–250 Daylight 4 - CTC 251–255 No Function - Custom
12	Effect	0	0–10 No Function - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 (Auto Program 1-4) - Macro
13	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Intensity MSpeed	0	0–51 Preset Dim - Speed 52–101 Off - Speed 102–152 Dimmer Speed 1 (Fast) - Speed 153–203 Dimmer Speed 2 (Moderate) - Speed 204–255 Dimmer Speed 3 (Slow) - Speed

42Ch

42 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

42Ch (continued)

Ch	Function	Default	DMX values
8	Blue	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	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Blue	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	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

42Ch (continued)

Ch	Function	Default	DMX values
26	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
27	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
31	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Blue	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	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
37	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
40	White	0	0–0 Min 1–254 Min > Max 255–255 Max
41	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
42	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

47Ch

47 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Blue	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	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
19	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

47Ch (continued)

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

47Ch (continued)

Ch	Function	Default	DMX values
38	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
39	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
40	White	0	0–0 Min 1–254 Min > Max 255–255 Max
41	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
42	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
43	Color Macro1	0	0–10 No Function - Custom 11–51 R:100-0% G:0-100% B:0% A:0% W:0% - Color 52–91 R:0% G:100-0% B:0-100% A:0% W:0% - Color 92–131 R:0-100% G:0% B:100-0% A:0% W:0% - Color 132–151 R:100-0% G:0% B:0% A:0% W:0-100% - Color 152–169 R:0% G:0% B:0-100% A:0% W:100-0% - Color 170–200 R:100% G:100% B:100% A:100% W:100% - Color 201–255 R:0-100% G:0-100% B:0-100% A:0-100% W:0-100% ...
44	C TC	0	0–5 No Function - Custom 6–25 Warm White 1 - CTC 26–50 Warm White 2 - CTC 51–75 Warm White 3 - CTC 76–100 Neutral White 1 - CTC 101–125 Neutral White 2 - CTC 126–150 Neutral White 3 - CTC 151–175 Daylight 1 - CTC 176–200 Daylight 2 - CTC 201–225 Daylight 3 - CTC 226–250 Daylight 4 - CTC 251–255 No Function - Custom
45	Effect	0	0–10 No Function - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 (Auto Program 1-4) - Macro
46	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
47	Intensity MSpeed	0	0–51 Preset Dim - Speed 52–101 Off - Speed 102–152 Dimmer Speed 1 (Fast) - Speed 153–203 Dimmer Speed 2 (Moderate) - Speed 204–255 Dimmer Speed 3 (Slow) - Speed

59Ch

59 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

59Ch (continued)

Ch	Function	Default	DMX values
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
7	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Shutter / Strobe 2	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
11	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
12	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Shutter / Strobe 3	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
15	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
16	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
17	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
18	Shutter / Strobe 4	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
19	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
20	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
21	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
22	Shutter / Strobe 5	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
23	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

59Ch (continued)

Ch	Function	Default	DMX values
24	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
25	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
26	Shutter / Strobe 6	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
27	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
28	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
29	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
30	Shutter / Strobe 7	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
31	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
32	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
33	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
34	Shutter / Strobe 8	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
35	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
36	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
37	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
38	Shutter / Strobe 9	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
39	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
40	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
41	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
42	Shutter / Strobe 10	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
43	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

59Ch (continued)

Ch	Function	Default	DMX values
44	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
45	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
46	Shutter / Strobe 11	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
47	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
48	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
49	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
50	Shutter / Strobe 12	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
51	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
52	White	0	0–0 Min 1–254 Min > Max 255–255 Max
53	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
54	Shutter / Strobe 13	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
55	Color Macro1	0	0–10 No Function - Custom 11–51 R:100-0% G:0-100% B:0% A:0% W:0% - Color 52–91 R:0% G:100-0% B:0-100% A:0% W:0% - Color 92–131 R:0-100% G:0% B:100-0% A:0% W:0% - Color 132–151 R:100-0% G:0% B:0% A:0% W:0-100% - Color 152–169 R:0% G:0% B:0-100% A:0% W:100-0% - Color 170–200 R:100% G:100% B:100% A:100% W:100% - Color 201–255 R:0-100% G:0-100% B:0-100% A:0-100% W:0-100% ...
56	C TC	0	0–5 No Function - Custom 6–25 Warm White 1 - CTC 26–50 Warm White 2 - CTC 51–75 Warm White 3 - CTC 76–100 Neutral White 1 - CTC 101–125 Neutral White 2 - CTC 126–150 Neutral White 3 - CTC 151–175 Daylight 1 - CTC 176–200 Daylight 2 - CTC 201–225 Daylight 3 - CTC 226–250 Daylight 4 - CTC 251–255 No Function - Custom
57	Effect	0	0–10 No Function - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 (Auto Program 1-4) - Macro

59Ch (continued)

Ch	Function	Default	DMX values
58	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
59	Intensity MSpeed	0	0–51 Preset Dim - Speed 52–101 Off - Speed 102–152 Dimmer Speed 1 (Fast) - Speed 153–203 Dimmer Speed 2 (Moderate) - Speed 204–255 Dimmer Speed 3 (Slow) - Speed