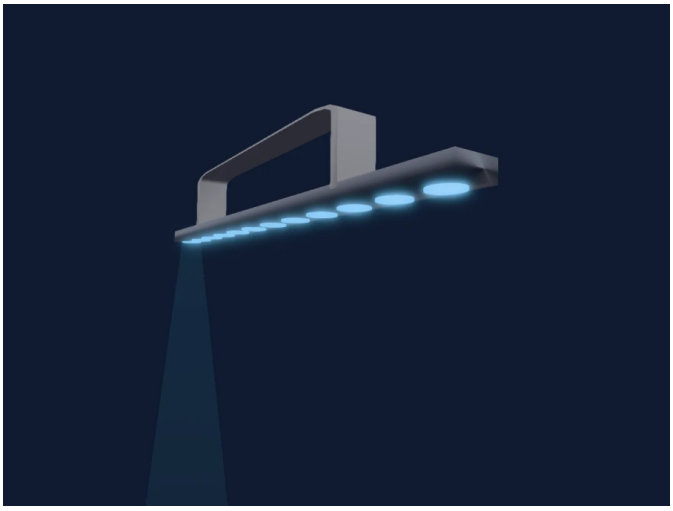
Varytec

Colors StarBar 12



Manufacturer	**Varytec**
Type	**Effect light**
DMX modes	**5**
DMX footprint	**6, 8, 12, 52 channels**
Beam angle	**3-25°**
Heads / cells	**12**
Size (W × H × D)	**1000 × 30 × 71 mm**
GDTF fixture type	**8502B0B9-67BA-46D7-81A5-29…**

Controls

RGB colour mixing · Effect speed · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

6 Channel	6 ch
8 Channel	8 ch
12 Channel	12 ch
52 Channel	52 ch
52 Channel Inverted	52 ch

6 Channel

6 channels

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

6 Channel (continued)

Ch	Function	Default	DMX values
5	Effect	0	0–7 Off 8–12 Color Change 1 13–16 Color Change 2 17–20 Color Change 3 21–24 Color Change 4 25–28 Color Change 5 29–32 Color Change 6 33–36 Color Change 7 37–40 Color Change 8 41–44 Color Change 9 45–48 Color Change 10 49–52 Color Change 11 53–56 Color Change 12 57–60 Color Change 13 61–64 Color Change 14 65–68 Color Change 15 69–72 Color Change 16 73–76 Color Change 17 77–80 Color Change 18 81–84 Color Change 19 85–88 Color Change 20 89–92 Color Change 21 93–96 Color Change 22 97–100 Color Change 23 101–104 Color Change 24 105–108 Color Change 25 109–112 Color Change 26 113–116 Color Change 27 117–120 Color Change 28 121–124 Color Change 29 125–128 Color Change 30 129–132 Color Change 31 133–136 Color Change 32 137–140 Color Change 33 141–144 Color Change 34 145–148 Color Change 35 149–152 Color Change 36 153–156 Color Change 37 157–160 Color Change 38 161–164 Color Change 39 165–168 Color Change 40 169–172 Color Change 41 173–176 Color Change 42 177–180 Color Change 43 181–184 Color Change 44 185–188 Color Change 45 189–192 Color Change 46 193–196 Color Change 47 197–200 Color Change 48 201–204 Color Change 49 205–208 Color Change 50 209–212 Color Change 51 213–216 Color Change 52 217–220 Color Change 53 221–224 Color Change 54 225–228 Color Change 55 229–232 Color Change 56 233–236 Color Change 57 237–240 Color Change 58 241–247 Color Change 59 248–255 Music Mode
6	Effect Speed	0	0–254 Slow 255–255 Fast

8 Channel

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter1Strobe	0	0–0 Open 1–254 Slow 255–255 Fast
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	255	

8 Channel (continued)

Ch	Function	Default	DMX values
7	Effect	0	0–7 Off 8–12 Color Change 1 13–16 Color Change 2 17–20 Color Change 3 21–24 Color Change 4 25–28 Color Change 5 29–32 Color Change 6 33–36 Color Change 7 37–40 Color Change 8 41–44 Color Change 9 45–48 Color Change 10 49–52 Color Change 11 53–56 Color Change 12 57–60 Color Change 13 61–64 Color Change 14 65–68 Color Change 15 69–72 Color Change 16 73–76 Color Change 17 77–80 Color Change 18 81–84 Color Change 19 85–88 Color Change 20 89–92 Color Change 21 93–96 Color Change 22 97–100 Color Change 23 101–104 Color Change 24 105–108 Color Change 25 109–112 Color Change 26 113–116 Color Change 27 117–120 Color Change 28 121–124 Color Change 29 125–128 Color Change 30 129–132 Color Change 31 133–136 Color Change 32 137–140 Color Change 33 141–144 Color Change 34 145–148 Color Change 35 149–152 Color Change 36 153–156 Color Change 37 157–160 Color Change 38 161–164 Color Change 39 165–168 Color Change 40 169–172 Color Change 41 173–176 Color Change 42 177–180 Color Change 43 181–184 Color Change 44 185–188 Color Change 45 189–192 Color Change 46 193–196 Color Change 47 197–200 Color Change 48 201–204 Color Change 49 205–208 Color Change 50 209–212 Color Change 51 213–216 Color Change 52 217–220 Color Change 53 221–224 Color Change 54 225–228 Color Change 55 229–232 Color Change 56 233–236 Color Change 57 237–240 Color Change 58 241–247 Color Change 59 248–255 Music Mode
8	Effect Speed	0	0–254 Slow 255–255 Fast

12 Channel

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter1Strobe	0	0–0 Open 1–254 Slow 255–255 Fast
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Dimmer	255	

12 Channel (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–7 Off 8–12 Color Change 1 13–16 Color Change 2 17–20 Color Change 3 21–24 Color Change 4 25–28 Color Change 5 29–32 Color Change 6 33–36 Color Change 7 37–40 Color Change 8 41–44 Color Change 9 45–48 Color Change 10 49–52 Color Change 11 53–56 Color Change 12 57–60 Color Change 13 61–64 Color Change 14 65–68 Color Change 15 69–72 Color Change 16 73–76 Color Change 17 77–80 Color Change 18 81–84 Color Change 19 85–88 Color Change 20 89–92 Color Change 21 93–96 Color Change 22 97–100 Color Change 23 101–104 Color Change 24 105–108 Color Change 25 109–112 Color Change 26 113–116 Color Change 27 117–120 Color Change 28 121–124 Color Change 29 125–128 Color Change 30 129–132 Color Change 31 133–136 Color Change 32 137–140 Color Change 33 141–144 Color Change 34 145–148 Color Change 35 149–152 Color Change 36 153–156 Color Change 37 157–160 Color Change 38 161–164 Color Change 39 165–168 Color Change 40 169–172 Color Change 41 173–176 Color Change 42 177–180 Color Change 43 181–184 Color Change 44 185–188 Color Change 45 189–192 Color Change 46 193–196 Color Change 47 197–200 Color Change 48 201–204 Color Change 49 205–208 Color Change 50 209–212 Color Change 51 213–216 Color Change 52 217–220 Color Change 53 221–224 Color Change 54 225–228 Color Change 55 229–232 Color Change 56 233–236 Color Change 57 237–240 Color Change 58 241–247 Color Change 59 248–255 Music Mode
12	Effect Speed	0	0–254 Slow 255–255 Fast

52 Channel

52 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter1Strobe	0	0–0 Open 1–254 Slow 255–255 Fast
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	0	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Dimmer	0	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Dimmer	0	
15	Red	255	
16	Green	255	
17	Blue	255	
18	Dimmer	0	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Dimmer	0	
23	Red	255	
24	Green	255	
25	Blue	255	
26	Dimmer	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	Dimmer	0	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Dimmer	0	
35	Red	255	
36	Green	255	
37	Blue	255	
38	Dimmer	0	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Dimmer	0	
43	Red	255	

52 Channel (continued)

Ch	Function	Default	DMX values
44	Green	255	
45	Blue	255	
46	Dimmer	0	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Dimmer	0	

52 Channel (continued)

Ch	Function	Default	DMX values
51	Effect	0	0–7 Off 8–12 Color Change 1 13–16 Color Change 2 17–20 Color Change 3 21–24 Color Change 4 25–28 Color Change 5 29–32 Color Change 6 33–36 Color Change 7 37–40 Color Change 8 41–44 Color Change 9 45–48 Color Change 10 49–52 Color Change 11 53–56 Color Change 12 57–60 Color Change 13 61–64 Color Change 14 65–68 Color Change 15 69–72 Color Change 16 73–76 Color Change 17 77–80 Color Change 18 81–84 Color Change 19 85–88 Color Change 20 89–92 Color Change 21 93–96 Color Change 22 97–100 Color Change 23 101–104 Color Change 24 105–108 Color Change 25 109–112 Color Change 26 113–116 Color Change 27 117–120 Color Change 28 121–124 Color Change 29 125–128 Color Change 30 129–132 Color Change 31 133–136 Color Change 32 137–140 Color Change 33 141–144 Color Change 34 145–148 Color Change 35 149–152 Color Change 36 153–156 Color Change 37 157–160 Color Change 38 161–164 Color Change 39 165–168 Color Change 40 169–172 Color Change 41 173–176 Color Change 42 177–180 Color Change 43 181–184 Color Change 44 185–188 Color Change 45 189–192 Color Change 46 193–196 Color Change 47 197–200 Color Change 48 201–204 Color Change 49 205–208 Color Change 50 209–212 Color Change 51 213–216 Color Change 52 217–220 Color Change 53 221–224 Color Change 54 225–228 Color Change 55 229–233 Color Change 56 234–236 Color Change 57 237–240 Color Change 58 241–247 Color Change 59 248–255 Music Mode
52	Effect Speed	0	0–254 Slow 255–255 Fast

52 Channel Inverted

52 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter1Strobe	0	0–0 Open 1–254 Slow 255–255 Fast
3	Red	255	
4	Green	255	
5	Blue	255	
6	Dimmer	0	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Dimmer	0	
11	Red	255	
12	Green	255	
13	Blue	255	
14	Dimmer	0	
15	Red	255	
16	Green	255	
17	Blue	255	
18	Dimmer	0	
19	Red	255	
20	Green	255	
21	Blue	255	
22	Dimmer	0	
23	Red	255	
24	Green	255	
25	Blue	255	
26	Dimmer	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	Dimmer	0	
31	Red	255	
32	Green	255	
33	Blue	255	
34	Dimmer	0	
35	Red	255	
36	Green	255	
37	Blue	255	
38	Dimmer	0	
39	Red	255	
40	Green	255	
41	Blue	255	
42	Dimmer	0	
43	Red	255	

52 Channel Inverted (continued)

Ch	Function	Default	DMX values
44	Green	255	
45	Blue	255	
46	Dimmer	0	
47	Red	255	
48	Green	255	
49	Blue	255	
50	Dimmer	0	

52 Channel Inverted (continued)

Ch	Function	Default	DMX values
51	Effect	0	0–7 Off 8–12 Color Change 1 13–16 Color Change 2 17–20 Color Change 3 21–24 Color Change 4 25–28 Color Change 5 29–32 Color Change 6 33–36 Color Change 7 37–40 Color Change 8 41–44 Color Change 9 45–48 Color Change 10 49–52 Color Change 11 53–56 Color Change 12 57–60 Color Change 13 61–64 Color Change 14 65–68 Color Change 15 69–72 Color Change 16 73–76 Color Change 17 77–80 Color Change 18 81–84 Color Change 19 85–88 Color Change 20 89–92 Color Change 21 93–96 Color Change 22 97–100 Color Change 23 101–104 Color Change 24 105–108 Color Change 25 109–112 Color Change 26 113–116 Color Change 27 117–120 Color Change 28 121–124 Color Change 29 125–128 Color Change 30 129–132 Color Change 31 133–136 Color Change 32 137–140 Color Change 33 141–144 Color Change 34 145–148 Color Change 35 149–152 Color Change 36 153–156 Color Change 37 157–160 Color Change 38 161–164 Color Change 39 165–168 Color Change 40 169–172 Color Change 41 173–176 Color Change 42 177–180 Color Change 43 181–184 Color Change 44 185–188 Color Change 45 189–192 Color Change 46 193–196 Color Change 47 197–200 Color Change 48 201–204 Color Change 49 205–208 Color Change 50 209–212 Color Change 51 213–216 Color Change 52 217–220 Color Change 53 221–224 Color Change 54 225–228 Color Change 55 229–233 Color Change 56 234–236 Color Change 57 237–240 Color Change 58 241–247 Color Change 59 248–255 Music Mode
52	Effect Speed	0	0–254 Slow 255–255 Fast