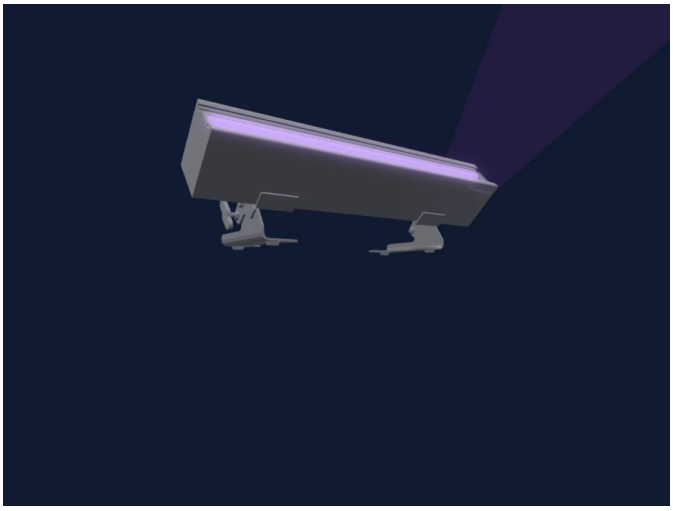
Leding

Vektor S



Manufacturer	**Leding**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**3, 4, 8, 12, 16, 17, 32, 41 channels**
Beam angle	**25°**
Heads / cells	**9**
Size (W × H × D)	**508 × 173 × 157 mm**
GDTF fixture type	**728CF24C-4ED7-1B06-F077-62…**

Controls

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

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

3 CH	3 ch
4 CH	4 ch
8 CH	8 ch
12 CH	12 ch
16 CH	16 ch
17 CH	17 ch
17D CH	17 ch
32 CH	32 ch
41 CH	41 ch

3 CH

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

3 CH (continued)

Ch	Function	Default	DMX values
2	Color Macro	0	0–12 No Function 13–16 Color 1 17–20 Color 2 21–24 Color 3 25–28 Color 4 29–32 Color 5 33–36 Color 6 37–40 Color 7 41–44 Color 8 45–48 Color 9 49–52 Color 10 53–56 Color 11 57–60 Color 12 61–64 Color 13 65–68 Color 14 69–72 Color 15 73–76 Color 16 77–80 Color 17 81–84 Color 18 85–88 Color 19 89–92 Color 20 93–96 Color 21 97–100 Color 22 101–104 Color 23 105–108 Color 24 109–112 Color 25 113–116 Color 26 117–120 Color 27 121–124 Color 28 125–128 Color 29 129–132 Color 30 133–136 Color 31 137–140 Color 32 141–144 Color 33 145–148 Color 34 149–152 Color 35 153–156 Color 36 157–160 Color 37 161–164 Color 38 165–168 Color 39 169–172 Color 40 173–176 Color 41 177–180 Color 42 181–184 Color 43 185–188 Color 44 189–192 Color 45 193–196 Color 46 197–200 Color 47 201–204 Color 48 205–208 Color 49 209–212 Color 50 213–215 Color 51 216–218 2700 K 219–221 3200 K 222–224 3500 K 225–227 4000 K 228–230 4500 K 231–233 5000 K 234–236 5600 K 237–239 6000 K 240–242 6500 K 243–245 7000 K 246–248 7500 K 249–255 8000 K

3 CH (continued)

Ch	Function	Default	DMX values
3	C TO	8	0–7 No Function 8–29 2700K 30–51 3200K 52–73 3500K 74–95 4000K 96–117 4500K 118–139 5000K 140–161 5600K 162–183 6000K 184–205 6500K 206–227 7000K 228–249 7500K 250–255 8000K

4 CH

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	

8 CH

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY

12 CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer

12 CH (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open#2 90–104 Pulse Close 105–109 open#3 110–124 Random 125–129 open#4 130–144 Randon Open 145–149 open#5 150–164 Random Close 165–169 open#6 170–184 Burst Pulse 185–189 open#7 190–204 Random Burst Pulse 205–209 open#8 210–224 Shutter1Strobe 2 · Burst 225–255 open#9
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add GY	255	
8	Dimmer Curve	0	0–49 No Function 50–99 Linear 100–149 Square Law 150–199 inverse Square 200–255 S-Curve
9	Dimmer Speed	0	0–49 No Function 50–99 Dimmer Speed 1 100–149 Dimmer Speed 2 150–199 Dimmer Speed 3 200–255 Dimmer Speed 4

12 CH (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–5 No Function 6–13 Effect 1 14–21 Effect 2 22–29 Effect 3 30–37 Effect 4 38–45 Effect 5 46–53 Effect 6 54–61 Effect 7 62–69 Effect 8 70–77 Effect 9 78–85 Effect 10 86–93 Effect 11 94–101 Effect 12 102–109 Effect 13 110–117 Effect 14 118–125 Effect 15 126–133 Effect 16 134–141 Effect 17 142–149 Effect 18 150–157 Effect 19 158–165 Effect 20 166–173 Effect 21 174–181 Effect 22 182–189 Effect 23 190–197 Effect 24 198–205 Effect 25 206–213 Effect 26 214–221 Effect 27 222–229 Effect 28 230–237 Effect 29 238–245 Effect 30 246–255 Effect 31
11	Effect Speed	128	
12	Effects1Fade	0	

16 CH

16 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Red	255	
10	Green	255	
11	Blue	255	
12	Color Add GY	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Color Add GY	255	

17 CH

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Control1	0	0–44 No Function 45–49 Pixel On 50–54 Pixel Off 55–59 Dimmer Linear 60–64 Dimmer Sqr Law 65–69 Dimmer Inv Sqr Law 70–89 Dimmer S-Curve 90–94 Calibrated Color 95–114 RAW Color 115–119 1 KHz 120–124 2 KHz 125–129 3 KHz 130–134 4 KHz 135–139 5 KHz 140–144 6 KHz 145–149 7 KHz 150–154 8 KHz 155–159 9 KHz 160–164 10 KHz 165–169 11 KHz 170–174 12 KHz 175–179 13 KHz 180–184 14 KHz 185–189 15 KHz 190–194 16 KHz 195–199 17 KHz 200–249 18 KHz 250–255 Display On
4	Shutter / Strobe	0	0–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open#2 90–104 Pulse Close 105–109 open#3 110–124 Random 125–129 open#4 130–144 Randon Open 145–149 open#5 150–164 Random Close 165–169 open#6 170–184 Burst Pulse 185–189 open#7 190–204 Random Burst Pulse 205–209 open#8 210–224 Shutter1Strobe 2 · Burst 225–255 open#9
5	Red	255	
6	Red Fine	255	Fine byte of Red
7	Green	255	
8	Green Fine	255	Fine byte of Green
9	Blue	255	
10	Blue Fine	255	Fine byte of Blue
11	Color Add GY	255	
12	Color Add GY Fine	255	Fine byte of Color Add GY

17 CH (continued)

Ch	Function	Default	DMX values
13	Color Macro	0	0–12 No Function 13–16 Color 1 17–20 Color 2 21–24 Color 3 25–28 Color 4 29–32 Color 5 33–36 Color 6 37–40 Color 7 41–44 Color 8 45–48 Color 9 49–52 Color 10 53–56 Color 11 57–60 Color 12 61–64 Color 13 65–68 Color 14 69–72 Color 15 73–76 Color 16 77–80 Color 17 81–84 Color 18 85–88 Color 19 89–92 Color 20 93–96 Color 21 97–100 Color 22 101–104 Color 23 105–108 Color 24 109–112 Color 25 113–116 Color 26 117–120 Color 27 121–124 Color 28 125–128 Color 29 129–132 Color 30 133–136 Color 31 137–140 Color 32 141–144 Color 33 145–148 Color 34 149–152 Color 35 153–156 Color 36 157–160 Color 37 161–164 Color 38 165–168 Color 39 169–172 Color 40 173–176 Color 41 177–180 Color 42 181–184 Color 43 185–188 Color 44 189–192 Color 45 193–196 Color 46 197–200 Color 47 201–204 Color 48 205–208 Color 49 209–212 Color 50 213–215 Color 51 216–218 2700 K 219–221 3200 K 222–224 3500 K 225–227 4000 K 228–230 4500 K 231–233 5000 K 234–236 5600 K 237–239 6000 K 240–242 6500 K 243–245 7000 K 246–248 7500 K 249–255 8000 K

17 CH (continued)

Ch	Function	Default	DMX values
14	Dimmer Speed	0	0–49 No Function 50–99 Dimmer Speed 1 100–149 Dimmer Speed 2 150–199 Dimmer Speed 3 200–255 Dimmer Speed 4
15	Effect	0	0–5 No Function 6–13 Effect 1 14–21 Effect 2 22–29 Effect 3 30–37 Effect 4 38–45 Effect 5 46–53 Effect 6 54–61 Effect 7 62–69 Effect 8 70–77 Effect 9 78–85 Effect 10 86–93 Effect 11 94–101 Effect 12 102–109 Effect 13 110–117 Effect 14 118–125 Effect 15 126–133 Effect 16 134–141 Effect 17 142–149 Effect 18 150–157 Effect 19 158–165 Effect 20 166–173 Effect 21 174–181 Effect 22 182–189 Effect 23 190–197 Effect 24 198–205 Effect 25 206–213 Effect 26 214–221 Effect 27 222–229 Effect 28 230–237 Effect 29 238–245 Effect 30 246–255 Effect 31
16	Effect Speed	128	
17	Effects1Fade	0	

17D CH

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open

17D CH (continued)

Ch	Function	Default	DMX values
2	Control1	0	0–44 No Function 45–49 Pixel On 50–54 Pixel Off 55–59 Dimmer Linear 60–64 Dimmer Sqr Law 65–69 Dimmer Inv Sqr Law 70–89 Dimmer S-Curve 90–94 Calibrated Color 95–114 RAW Color 115–119 1 KHz 120–124 2 KHz 125–129 3 KHz 130–134 4 KHz 135–139 5 KHz 140–144 6 KHz 145–149 7 KHz 150–154 8 KHz 155–159 9 KHz 160–164 10 KHz 165–169 11 KHz 170–174 12 KHz 175–179 13 KHz 180–184 14 KHz 185–189 15 KHz 190–194 16 KHz 195–199 17 KHz 200–249 18 KHz 250–255 Display On
3	Shutter / Strobe	0	0–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open#2 90–104 Pulse Close 105–109 open#3 110–124 Random 125–129 open#4 130–144 Randon Open 145–149 open#5 150–164 Random Close 165–169 open#6 170–184 Burst Pulse 185–189 open#7 190–204 Random Burst Pulse 205–209 open#8 210–224 Shutter1Strobe 2 · Burst 225–255 open#9
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add GY	255	

17D CH (continued)

Ch	Function	Default	DMX values
8	Color Macro	0	0–12 No Function 13–16 Color 1 17–20 Color 2 21–24 Color 3 25–28 Color 4 29–32 Color 5 33–36 Color 6 37–40 Color 7 41–44 Color 8 45–48 Color 9 49–52 Color 10 53–56 Color 11 57–60 Color 12 61–64 Color 13 65–68 Color 14 69–72 Color 15 73–76 Color 16 77–80 Color 17 81–84 Color 18 85–88 Color 19 89–92 Color 20 93–96 Color 21 97–100 Color 22 101–104 Color 23 105–108 Color 24 109–112 Color 25 113–116 Color 26 117–120 Color 27 121–124 Color 28 125–128 Color 29 129–132 Color 30 133–136 Color 31 137–140 Color 32 141–144 Color 33 145–148 Color 34 149–152 Color 35 153–156 Color 36 157–160 Color 37 161–164 Color 38 165–168 Color 39 169–172 Color 40 173–176 Color 41 177–180 Color 42 181–184 Color 43 185–188 Color 44 189–192 Color 45 193–196 Color 46 197–200 Color 47 201–204 Color 48 205–208 Color 49 209–212 Color 50 213–215 Color 51 216–218 2700 K 219–221 3200 K 222–224 3500 K 225–227 4000 K 228–230 4500 K 231–233 5000 K 234–236 5600 K 237–239 6000 K 240–242 6500 K 243–245 7000 K 246–248 7500 K 249–255 8000 K

17D CH (continued)

Ch	Function	Default	DMX values
9	Dimmer Speed	0	0–49 No Function 50–99 Dimmer Speed 1 100–149 Dimmer Speed 2 150–199 Dimmer Speed 3 200–255 Dimmer Speed 4
10	Dimmer	255	0–254 closed 255–255 open
11	Dimmer	255	0–254 closed 255–255 open
12	Dimmer	255	0–254 closed 255–255 open
13	Dimmer	255	0–254 closed 255–255 open
14	Dimmer	255	0–254 closed 255–255 open
15	Dimmer	255	0–254 closed 255–255 open
16	Dimmer	255	0–254 closed 255–255 open
17	Dimmer	255	0–254 closed 255–255 open

32 CH

32 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	255	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Red	255	
10	Green	255	
11	Blue	255	
12	Color Add GY	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Color Add GY	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Color Add GY	255	
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add GY	255	

32 CH (continued)

Ch	Function	Default	DMX values
25	Red	255	
26	Green	255	
27	Blue	255	
28	Color Add GY	255	
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add GY	255	

41 CH

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 closed 255–255 open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Control1	0	0–44 No Function 45–49 Pixel On 50–54 Pixel Off 55–59 Dimmer Linear 60–64 Dimmer Sqr Law 65–69 Dimmer Inv Sqr Law 70–89 Dimmer S-Curve 90–94 Calibrated Color 95–114 RAW Color 115–119 1 KHz 120–124 2 KHz 125–129 3 KHz 130–134 4 KHz 135–139 5 KHz 140–144 6 KHz 145–149 7 KHz 150–154 8 KHz 155–159 9 KHz 160–164 10 KHz 165–169 11 KHz 170–174 12 KHz 175–179 13 KHz 180–184 14 KHz 185–189 15 KHz 190–194 16 KHz 195–199 17 KHz 200–249 18 KHz 250–255 Display On

41 CH (continued)

Ch	Function	Default	DMX values
4	Shutter / Strobe	0	0–24 open 25–64 Strobe 65–69 open 70–84 Pulse Open 85–89 open#2 90–104 Pulse Close 105–109 open#3 110–124 Random 125–129 open#4 130–144 Randon Open 145–149 open#5 150–164 Random Close 165–169 open#6 170–184 Burst Pulse 185–189 open#7 190–204 Random Burst Pulse 205–209 open#8 210–224 Shutter1Strobe 2 · Burst 225–255 open#9
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add GY	255	
9	Red	255	
10	Green	255	
11	Blue	255	
12	Color Add GY	255	
13	Red	255	
14	Green	255	
15	Blue	255	
16	Color Add GY	255	
17	Red	255	
18	Green	255	
19	Blue	255	
20	Color Add GY	255	
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add GY	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Color Add GY	255	
29	Red	255	
30	Green	255	
31	Blue	255	
32	Color Add GY	255	
33	Red	255	
34	Green	255	
35	Blue	255	

41 CH (continued)

Ch	Function	Default	DMX values
36	Color Add GY	255	
37	Dimmer Speed	0	0–49 No Function 50–99 Dimmer Speed 1 100–149 Dimmer Speed 2 150–199 Dimmer Speed 3 200–255 Dimmer Speed 4

41 CH (continued)

Ch	Function	Default	DMX values
38	Color Macro	0	0–12 No Function 13–16 Color 1 17–20 Color 2 21–24 Color 3 25–28 Color 4 29–32 Color 5 33–36 Color 6 37–40 Color 7 41–44 Color 8 45–48 Color 9 49–52 Color 10 53–56 Color 11 57–60 Color 12 61–64 Color 13 65–68 Color 14 69–72 Color 15 73–76 Color 16 77–80 Color 17 81–84 Color 18 85–88 Color 19 89–92 Color 20 93–96 Color 21 97–100 Color 22 101–104 Color 23 105–108 Color 24 109–112 Color 25 113–116 Color 26 117–120 Color 27 121–124 Color 28 125–128 Color 29 129–132 Color 30 133–136 Color 31 137–140 Color 32 141–144 Color 33 145–148 Color 34 149–152 Color 35 153–156 Color 36 157–160 Color 37 161–164 Color 38 165–168 Color 39 169–172 Color 40 173–176 Color 41 177–180 Color 42 181–184 Color 43 185–188 Color 44 189–192 Color 45 193–196 Color 46 197–200 Color 47 201–204 Color 48 205–208 Color 49 209–212 Color 50 213–215 Color 51 216–218 2700 K 219–221 3200 K 222–224 3500 K 225–227 4000 K 228–230 4500 K 231–233 5000 K 234–236 5600 K 237–239 6000 K 240–242 6500 K 243–245 7000 K 246–248 7500 K 249–255 8000 K

41 CH (continued)

Ch	Function	Default	DMX values
39	Effect	0	0–5 No Function 6–13 Effect 1 14–21 Effect 2 22–29 Effect 3 30–37 Effect 4 38–45 Effect 5 46–53 Effect 6 54–61 Effect 7 62–69 Effect 8 70–77 Effect 9 78–85 Effect 10 86–93 Effect 11 94–101 Effect 12 102–109 Effect 13 110–117 Effect 14 118–125 Effect 15 126–133 Effect 16 134–141 Effect 17 142–149 Effect 18 150–157 Effect 19 158–165 Effect 20 166–173 Effect 21 174–181 Effect 22 182–189 Effect 23 190–197 Effect 24 198–205 Effect 25 206–213 Effect 26 214–221 Effect 27 222–229 Effect 28 230–237 Effect 29 238–245 Effect 30 246–255 Effect 31
40	Effect Speed	128	
41	Effects1Fade	0	