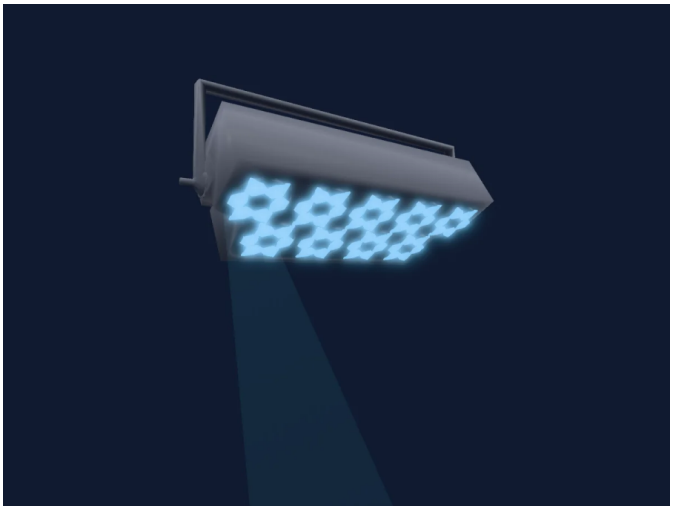
Robe Lighting

SVOPATT Classic



Manufacturer	**Robe Lighting**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**1, 5, 19, 83 channels**
Beam angle	**4-25°**
Tilt range	**360°**
Heads / cells	**10**
Size (W × H × D)	**1029 × 216 × 434 mm**
GDTF fixture type	**677E4710-6812-4462-BD75-4A...**

Controls

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

Safety-relevant functions

Service functions

DMX modes

Mode 4 - One channel mode 2700K	1 ch
Mode 3 - Simple	5 ch
Mode 1 - Wash	19 ch
Mode 2 - Individual LED modules	83 ch

Mode 4 - One channel mode 2700K

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open

Mode 3 - Simple

5 channels

Ch	Function	Default	DMX values
1	C TO	128	0–63 8000K 64–127 5600K 128–191 4200K 192–254 3200K 255–255 2700K
2	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green

Mode 3 - Simple (continued)

Ch	Function	Default	DMX values
3	Color Wheel	0	0–0 No function (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 25 (Sunset Red) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 36 (Medium Pink) (wheel slot 8) 15–16 Filter 89 (Moss Green) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 49 (Medium Purple) (wheel slot 12) 23–24 Filter 52 (Light Lavender) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 140 (Summer Blue) (wheel slot 16) 31–32 Filter 124 (Dark Green) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 126 (Mauve) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 122 (Fern Green) (wheel slot 24) 47–48 Filter 182 (Light Red) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 798 (Chrysalis Pink) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 143 (Pale Navy Blue) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 194 (Surprise Pink) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 219 (Fluorescent Green) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 3 - Simple (continued)

Ch	Function	Default	DMX values
4	Dimmer	0	0–254 Closed 255–255 Open
5	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 - Wash

19 channels

Ch	Function	Default	DMX values
1	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–21 Display On 22–23 Display Off 24–25 RGBW colour mixing mode 26–27 CMY colour mixing mode 28–35 NoFeature 1 36–37 Dimmer curve: Square Law 38–39 Dimmer curve: Linear 40–49 NoFeature 2 50–51 Fans mode: Auto 52–53 Fans mode: High 54–55 White point 8000K ON 56–57 White point 8000K OFF 58–135 NoFeature 3 136–140 NoFeature 4 141–142 Tungsten effect simulation (750W) On 143–144 Tungsten effect simulation (1000W) On 145–146 Tungsten effect simulation (1200W) On 147–148 Tungsten effect simulation (2000W) On 149–150 Tungsten effect simulation (2500W) On 151–152 Tungsten effect simulation Off 153–154 Standard CTO 8000-2700K 155–156 Extended CTO 10000-1800K 157–158 Mirror ON 159–160 Mirror OFF 161–162 Save mirror to fixture 163–239 NoFeature 5 240–240 Disabled Quiet mode 241–255 Quiet mode min to max
2	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
3	Led Frequency Adjust	128	
4	C TO	128	0–63 8000K 64–127 5600K 128–191 4200K 192–254 3200K 255–255 2700K
5	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
6	No Feature	0	

Mode 1 - Wash (continued)

Ch	Function	Default	DMX values
7	Color Mix Mode	45	0–9 Global colors (Global has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Global and Pixel) 40–49 Addition mode (Global+ Pixel) 50–59 Subtraction mode (Global- Pixel) 60–69 Inverted Subtraction mode (Pixel- Global) 70–127 Raw DMX 128–128 Global colours only (Global has priority) 129–254 Crossfade (crossfade between Global and Pixel) 255–255 Pixel colours(Pixel has priority)

Mode 1 - Wash (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 No function (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 25 (Sunset Red) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 36 (Medium Pink) (wheel slot 8) 15–16 Filter 89 (Moss Green) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 49 (Medium Purple) (wheel slot 12) 23–24 Filter 52 (Light Lavender) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 140 (Summer Blue) (wheel slot 16) 31–32 Filter 124 (Dark Green) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 126 (Mauve) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 122 (Fern Green) (wheel slot 24) 47–48 Filter 182 (Light Red) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 798 (Chrysalis Pink) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 143 (Pale Navy Blue) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 194 (Surprise Pink) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 219 (Fluorescent Green) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 1 - Wash (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–91 Shutter1Strobe · Slow to fast - Slow 0.1–8.72 Hz 92–95 Shutter1Strobe · Slow to fast - Fast 9.04–10 Hz 96–127 Shutter open 128–140 Shutter1StrobePulseOpen · Slow to fast 1/7 0.1–8.... 141–143 Shutter1StrobePulseOpen · Slow to fast 7/7 8.68–1... 144–155 Shutter1StrobePulseClose · Fast to slow 1/7 156–159 Shutter1StrobePulseClose · Fast to slow 7/7 160–191 Shutter open 192–222 Strobe random slow 223–223 Strobe random Fast 224–255 Shutter open
10	Dimmer	0	0–254 Closed 255–255 Open
11	Dimmer Fine	0	Fine byte of Dimmer
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	White	255	
19	White Fine	255	Fine byte of White

Mode 2 - Individual LED modules

83 channels

Ch	Function	Default	DMX values
1	Control1	0	
2	L EDFrequency	10	
3	Led Frequency Adjust	128	
4	C TO	128	
5	Tint	128	
6	No Feature	0	
7	Color Mix Mode	45	

Mode 2 - Individual LED modules (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–0 No function (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 25 (Sunset Red) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 36 (Medium Pink) (wheel slot 8) 15–16 Filter 89 (Moss Green) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 49 (Medium Purple) (wheel slot 12) 23–24 Filter 52 (Light Lavender) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 140 (Summer Blue) (wheel slot 16) 31–32 Filter 124 (Dark Green) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 126 (Mauve) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 122 (Fern Green) (wheel slot 24) 47–48 Filter 182 (Light Red) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 798 (Chrysalis Pink) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 143 (Pale Navy Blue) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 194 (Surprise Pink) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 219 (Fluorescent Green) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 2 - Individual LED modules (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–91 Shutter1Strobe · Slow to fast - Slow 0.1–8.72 Hz 92–95 Shutter1Strobe · Slow to fast - Fast 9.04–10 Hz 96–127 Shutter open 128–140 Shutter1StrobePulseOpen · Slow to fast 1/7 0.1–8.... 141–143 Shutter1StrobePulseOpen · Slow to fast 7/7 8.68–1... 144–155 Shutter1StrobePulseClose · Fast to slow 1/7 156–159 Shutter1StrobePulseClose · Fast to slow 7/7 160–191 Shutter open 192–222 Strobe random slow 223–223 Strobe random Fast 224–255 Shutter open
10	Dimmer	0	
11	Dimmer Fine	0	Fine byte of Dimmer
12	Red	255	
13	Red Fine	255	Fine byte of Red
14	Green	255	
15	Green Fine	255	Fine byte of Green
16	Blue	255	
17	Blue Fine	255	Fine byte of Blue
18	Color Add RY	255	
19	Color Add RY Fine	255	Fine byte of Color Add RY
20	Red	255	
21	Red Fine	255	Fine byte of Red
22	Green	255	
23	Green Fine	255	Fine byte of Green
24	Blue	255	
25	Blue Fine	255	Fine byte of Blue
26	Color Add RY	255	
27	Color Add RY Fine	255	Fine byte of Color Add RY
28	Red	255	
29	Red Fine	255	Fine byte of Red
30	Green	255	
31	Green Fine	255	Fine byte of Green
32	Blue	255	
33	Blue Fine	255	Fine byte of Blue
34	Color Add RY	255	
35	Color Add RY Fine	255	Fine byte of Color Add RY
36	Red	255	
37	Red Fine	255	Fine byte of Red
38	Green	255	
39	Green Fine	255	Fine byte of Green
40	Blue	255	
41	Blue Fine	255	Fine byte of Blue
42	Color Add RY	255	
43	Color Add RY Fine	255	Fine byte of Color Add RY
44	Red	255	
45	Red Fine	255	Fine byte of Red

Mode 2 - Individual LED modules (continued)

Ch	Function	Default	DMX values
46	Green	255	
47	Green Fine	255	Fine byte of Green
48	Blue	255	
49	Blue Fine	255	Fine byte of Blue
50	Color Add RY	255	
51	Color Add RY Fine	255	Fine byte of Color Add RY
52	Red	255	
53	Red Fine	255	Fine byte of Red
54	Green	255	
55	Green Fine	255	Fine byte of Green
56	Blue	255	
57	Blue Fine	255	Fine byte of Blue
58	Color Add RY	255	
59	Color Add RY Fine	255	Fine byte of Color Add RY
60	Red	255	
61	Red Fine	255	Fine byte of Red
62	Green	255	
63	Green Fine	255	Fine byte of Green
64	Blue	255	
65	Blue Fine	255	Fine byte of Blue
66	Color Add RY	255	
67	Color Add RY Fine	255	Fine byte of Color Add RY
68	Red	255	
69	Red Fine	255	Fine byte of Red
70	Green	255	
71	Green Fine	255	Fine byte of Green
72	Blue	255	
73	Blue Fine	255	Fine byte of Blue
74	Color Add RY	255	
75	Color Add RY Fine	255	Fine byte of Color Add RY
76	Red	255	
77	Red Fine	255	Fine byte of Red
78	Green	255	
79	Green Fine	255	Fine byte of Green
80	Blue	255	
81	Blue Fine	255	Fine byte of Blue
82	Color Add RY	255	
83	Color Add RY Fine	255	Fine byte of Color Add RY