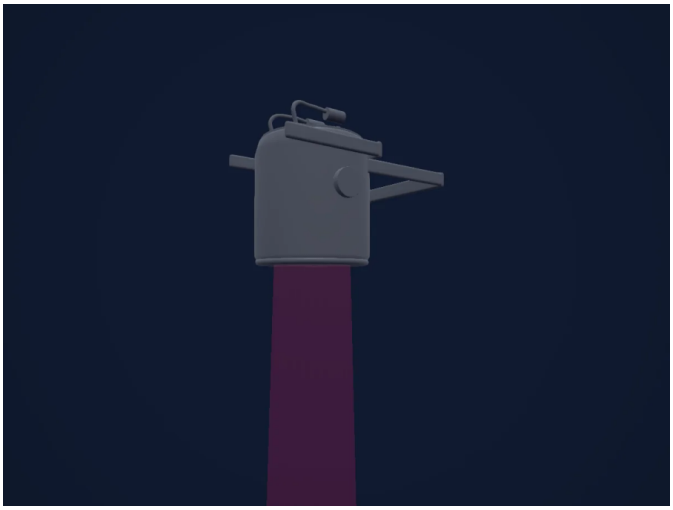
ADJ

Saber Spot RGBW



Manufacturer	**ADJ**
Type	**PAR**
DMX modes	**12**
DMX footprint	**3, 4, 5, 6, 7, 8, 9, 11, 12 channels**
Beam angle	**4°**
Size (W × H × D)	**108 × 136 × 170 mm**
GDTF fixture type	**623BB610-2C63-5672-954B-31…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Dimmer

Safety-relevant functions

Built-in effect programmes

DMX modes

3CH HSI	3 ch
4CH HSI Curves	4 ch
4CH RGBW	4 ch
5CH RGBW Master	5 ch
6CH RGBW Fine Master	6 ch
6CH RGBW Shutter	6 ch
7CH RGBW Fine Master Shutter	7 ch
8CH Fine RGBW	8 ch
8CH RGBW Fine Master Curves	8 ch
9CH HSI	9 ch
11CH RGBW	11 ch
12CH RGBW Fine Master	12 ch

3CH HSI

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	

4CH HSI Curves

4 channels

Ch	Function	Default	DMX values
1	H SBHue	0	
2	H SBSaturation	0	
3	H SBBrightness	0	
4	Control	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATRE 101–255 DEFAULT DIMMER SETTING

4CH RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

5CH RGBW Master

5 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	

6CH RGBW Fine Master

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	
6	Dimmer Fine	0	Fine byte of Dimmer

6CH RGBW Shutter

6 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–95 STROBING SLOW - FAST 96–127 LED ON 128–159 PULSE STROBE SLOW - FAST 160–191 LED ON 192–223 RANDOM STROBE SLOW - FAST 224–255 LED ON
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	Dimmer	0	

7CH RGBW Fine Master Shutter

7 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–95 STROBING SLOW - FAST 96–127 LED ON 128–159 PULSE STROBE SLOW - FAST 160–191 LED ON 192–223 RANDOM STROBE SLOW - FAST 224–255 LED ON
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer

8CH Fine RGBW

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White

8CH RGBW Fine Master Curves

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

8CH RGBW Fine Master Curves (continued)

Ch	Function	Default	DMX values
4	White	0	
5	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–95 STROBING SLOW - FAST 96–127 LED ON 128–159 PULSE STROBE SLOW - FAST 160–191 LED ON 192–223 RANDOM STROBE SLOW - FAST 224–255 LED ON
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Control	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATRE 101–255 DEFAULT DIMMER SETTING

9CH HSI

9 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–95 STROBING SLOW - FAST 96–127 LED ON 128–159 PULSE STROBE SLOW - FAST 160–191 LED ON 192–223 RANDOM STROBE SLOW - FAST 224–255 LED ON
2	H SBHue	0	
3	H SBSaturation	0	
4	H SBBrightness	0	

9CH HSI (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	0–0 OFF 1–4 Color1 source RGBW 80,255,234,80 5–8 Color2 source RGBW 80,255,164,80 9–12 Color3 source RGBW 77,255,112,77 13–16 Color4 source RGBW 117,255,83,83 17–20 Color5 source RGBW 160,255,77,77 21–24 Color6 source RGBW 223,255,83,83 25–28 Color7 source RGBW 255,243,77,77 29–32 Color8 source RGBW 255,200,74,74 33–36 Color9 source RGBW 255,166,77,77 37–40 Color10 source RGBW 255,125,74,74 41–44 Color11 source RGBW 255,97,77,74 45–48 Color12 source RGBW 255,71,77,71 49–52 Color13 source RGBW 255,83,134,83 53–56 Color14 source RGBW 255,93,182,93 57–60 Color15 source RGBW 255,96,236,96 61–64 Color16 source RGBW 238,93,255,93 65–68 Color17 source RGBW 196,87,255,87 69–72 Color18 source RGBW 150,90,255,90 73–76 Color19 source RGBW 100,77,255,77 77–80 Color20 source RGBW 77,100,255,77 81–84 Color21 source RGBW 67,148,255,67 85–88 Color22 source RGBW 77,195,255,77 89–92 Color23 source RGBW 77,234,255,77 93–96 Color24 source RGBW 158,255,144,144 97–100 Color25 source RGBW 255,251,153,153 101–104 Color26 source RGBW 255,175,147,147 105–108 Color27 source RGBW 255,138,186,138 109–112 Color28 source RGBW 255,147,251,147 113–116 Color29 source RGBW 151,138,255,138 117–120 Color30 source RGBW 99,0,255,100 121–124 Color31 source RGBW 138,169,255,138 125–128 Color32 source RGBW 255,255,255,255 129–132 Color33 source RGBW 255,206,143,0 133–136 Color34 source RGBW 254,177,153,0 137–140 Color35 source RGBW 254,192,138,0 141–144 Color36 source RGBW 254,165,98,0 145–148 Color37 source RGBW 254,121,0,0 149–152 Color38 source RGBW 176,17,0,0 153–156 Color39 source RGBW 96,0,11,0 157–160 Color40 source RGBW 234,139,171,0 161–164 Color41 source RGBW 224,5,97,0 165–168 Color42 source RGBW 175,77,173,0 169–172 Color43 source RGBW 119,130,199,0 173–176 Color44 source RGBW 147,164,212,0 177–180 Color45 source RGBW 88,2,163,0 181–184 Color46 source RGBW 0,38,86,0 185–188 Color47 source RGBW 0,142,208,0 189–192 Color48 source RGBW 52,148,209,0 193–196 Color49 source RGBW 1,134,201,0 197–200 Color50 source RGBW 0,145,212,0 201–204 Color51 source RGBW 0,121,192,0 205–208 Color52 source RGBW 0,129,184,0 209–212 Color53 source RGBW 0,83,115,0 213–216 Color54 source RGBW 0,97,166,0 217–220 Color55 source RGBW 1,100,167,0 221–224 Color56 source RGBW 0,40,86,0 225–228 Color57 source RGBW 209,219,182,0 229–232 Color58 source RGBW 42,165,85,0 233–236 Color59 source RGBW 0,46,35,0 237–240 Color60 source RGBW 8,107,222,0 241–244 Color61 source RGBW 107,156,231,0 245–248 Color62 source RGBW 165,198,247,0 249–252 Color63 source RGBW 0,0,189,0

9CH HSI (continued)

Ch	Function	Default	DMX values
6	Effect	0	0–0 OFF 1–20 PROGRAM 1 21–40 PROGRAM 2 41–60 PROGRAM 3 61–80 PROGRAM 4 81–100 PROGRAM 5 101–120 PROGRAM 6 121–140 PROGRAM 7 141–160 PROGRAM 8 161–180 PROGRAM 9 181–200 PROGRAM 10 201–220 PROGRAM 11 221–240 PROGRAM 12 241–250 PROGRAM 13 251–255 GRADIENT EFFECT
7	Effect Speed	0	
8	Effects1Fade	0	
9	Control	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATRE 101–255 DEFAULT DIMMER SETTING

11CH RGBW

11 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–95 STROBING SLOW - FAST 96–127 LED ON 128–159 PULSE STROBE SLOW - FAST 160–191 LED ON 192–223 RANDOM STROBE SLOW - FAST 224–255 LED ON
2	Red	0	
3	Green	0	
4	Blue	0	
5	White	0	
6	Dimmer	0	

11CH RGBW (continued)

Ch	Function	Default	DMX values
7	Color Macro1	0	0–0 OFF 1–4 Color1 source RGBW 80,255,234,80 5–8 Color2 source RGBW 80,255,164,80 9–12 Color3 source RGBW 77,255,112,77 13–16 Color4 source RGBW 117,255,83,83 17–20 Color5 source RGBW 160,255,77,77 21–24 Color6 source RGBW 223,255,83,83 25–28 Color7 source RGBW 255,243,77,77 29–32 Color8 source RGBW 255,200,74,74 33–36 Color9 source RGBW 255,166,77,77 37–40 Color10 source RGBW 255,125,74,74 41–44 Color11 source RGBW 255,97,77,74 45–48 Color12 source RGBW 255,71,77,71 49–52 Color13 source RGBW 255,83,134,83 53–56 Color14 source RGBW 255,93,182,93 57–60 Color15 source RGBW 255,96,236,96 61–64 Color16 source RGBW 238,93,255,93 65–68 Color17 source RGBW 196,87,255,87 69–72 Color18 source RGBW 150,90,255,90 73–76 Color19 source RGBW 100,77,255,77 77–80 Color20 source RGBW 77,100,255,77 81–84 Color21 source RGBW 67,148,255,67 85–88 Color22 source RGBW 77,195,255,77 89–92 Color23 source RGBW 77,234,255,77 93–96 Color24 source RGBW 158,255,144,144 97–100 Color25 source RGBW 255,251,153,153 101–104 Color26 source RGBW 255,175,147,147 105–108 Color27 source RGBW 255,138,186,138 109–112 Color28 source RGBW 255,147,251,147 113–116 Color29 source RGBW 151,138,255,138 117–120 Color30 source RGBW 99,0,255,100 121–124 Color31 source RGBW 138,169,255,138 125–128 Color32 source RGBW 255,255,255,255 129–132 Color33 source RGBW 255,206,143,0 133–136 Color34 source RGBW 254,177,153,0 137–140 Color35 source RGBW 254,192,138,0 141–144 Color36 source RGBW 254,165,98,0 145–148 Color37 source RGBW 254,121,0,0 149–152 Color38 source RGBW 176,17,0,0 153–156 Color39 source RGBW 96,0,11,0 157–160 Color40 source RGBW 234,139,171,0 161–164 Color41 source RGBW 224,5,97,0 165–168 Color42 source RGBW 175,77,173,0 169–172 Color43 source RGBW 119,130,199,0 173–176 Color44 source RGBW 147,164,212,0 177–180 Color45 source RGBW 88,2,163,0 181–184 Color46 source RGBW 0,38,86,0 185–188 Color47 source RGBW 0,142,208,0 189–192 Color48 source RGBW 52,148,209,0 193–196 Color49 source RGBW 1,134,201,0 197–200 Color50 source RGBW 0,145,212,0 201–204 Color51 source RGBW 0,121,192,0 205–208 Color52 source RGBW 0,129,184,0 209–212 Color53 source RGBW 0,83,115,0 213–216 Color54 source RGBW 0,97,166,0 217–220 Color55 source RGBW 1,100,167,0 221–224 Color56 source RGBW 0,40,86,0 225–228 Color57 source RGBW 209,219,182,0 229–232 Color58 source RGBW 42,165,85,0 233–236 Color59 source RGBW 0,46,35,0 237–240 Color60 source RGBW 8,107,222,0 241–244 Color61 source RGBW 107,156,231,0 245–248 Color62 source RGBW 165,198,247,0 249–252 Color63 source RGBW 0,0,189,0

11CH RGBW (continued)

Ch	Function	Default	DMX values
8	Effect	0	0–0 OFF 1–20 PROGRAM 1 21–40 PROGRAM 2 41–60 PROGRAM 3 61–80 PROGRAM 4 81–100 PROGRAM 5 101–120 PROGRAM 6 121–140 PROGRAM 7 141–160 PROGRAM 8 161–180 PROGRAM 9 181–200 PROGRAM 10 201–220 PROGRAM 11 221–240 PROGRAM 12 241–250 PROGRAM 13 251–255 GRADIENT EFFECT
9	Effect Speed	0	
10	Effects1Fade	0	
11	Control	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATRE 101–255 DEFAULT DIMMER SETTING

12CH RGBW Fine Master

12 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

12CH RGBW Fine Master (continued)

Ch	Function	Default	DMX values
5	Color Macro1	0	0–0 OFF 1–4 Color1 source RGBW 80,255,234,80 5–8 Color2 source RGBW 80,255,164,80 9–12 Color3 source RGBW 77,255,112,77 13–16 Color4 source RGBW 117,255,83,83 17–20 Color5 source RGBW 160,255,77,77 21–24 Color6 source RGBW 223,255,83,83 25–28 Color7 source RGBW 255,243,77,77 29–32 Color8 source RGBW 255,200,74,74 33–36 Color9 source RGBW 255,166,77,77 37–40 Color10 source RGBW 255,125,74,74 41–44 Color11 source RGBW 255,97,77,74 45–48 Color12 source RGBW 255,71,77,71 49–52 Color13 source RGBW 255,83,134,83 53–56 Color14 source RGBW 255,93,182,93 57–60 Color15 source RGBW 255,96,236,96 61–64 Color16 source RGBW 238,93,255,93 65–68 Color17 source RGBW 196,87,255,87 69–72 Color18 source RGBW 150,90,255,90 73–76 Color19 source RGBW 100,77,255,77 77–80 Color20 source RGBW 77,100,255,77 81–84 Color21 source RGBW 67,148,255,67 85–88 Color22 source RGBW 77,195,255,77 89–92 Color23 source RGBW 77,234,255,77 93–96 Color24 source RGBW 158,255,144,144 97–100 Color25 source RGBW 255,251,153,153 101–104 Color26 source RGBW 255,175,147,147 105–108 Color27 source RGBW 255,138,186,138 109–112 Color28 source RGBW 255,147,251,147 113–116 Color29 source RGBW 151,138,255,138 117–120 Color30 source RGBW 99,0,255,100 121–124 Color31 source RGBW 138,169,255,138 125–128 Color32 source RGBW 255,255,255,255 129–132 Color33 source RGBW 255,206,143,0 133–136 Color34 source RGBW 254,177,153,0 137–140 Color35 source RGBW 254,192,138,0 141–144 Color36 source RGBW 254,165,98,0 145–148 Color37 source RGBW 254,121,0,0 149–152 Color38 source RGBW 176,17,0,0 153–156 Color39 source RGBW 96,0,11,0 157–160 Color40 source RGBW 234,139,171,0 161–164 Color41 source RGBW 224,5,97,0 165–168 Color42 source RGBW 175,77,173,0 169–172 Color43 source RGBW 119,130,199,0 173–176 Color44 source RGBW 147,164,212,0 177–180 Color45 source RGBW 88,2,163,0 181–184 Color46 source RGBW 0,38,86,0 185–188 Color47 source RGBW 0,142,208,0 189–192 Color48 source RGBW 52,148,209,0 193–196 Color49 source RGBW 1,134,201,0 197–200 Color50 source RGBW 0,145,212,0 201–204 Color51 source RGBW 0,121,192,0 205–208 Color52 source RGBW 0,129,184,0 209–212 Color53 source RGBW 0,83,115,0 213–216 Color54 source RGBW 0,97,166,0 217–220 Color55 source RGBW 1,100,167,0 221–224 Color56 source RGBW 0,40,86,0 225–228 Color57 source RGBW 209,219,182,0 229–232 Color58 source RGBW 42,165,85,0 233–236 Color59 source RGBW 0,46,35,0 237–240 Color60 source RGBW 8,107,222,0 241–244 Color61 source RGBW 107,156,231,0 245–248 Color62 source RGBW 165,198,247,0 249–252 Color63 source RGBW 0,0,189,0

12CH RGBW Fine Master (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	32	0–31 LED OFF 32–63 LED ON 64–95 STROBING SLOW - FAST 96–127 LED ON 128–159 PULSE STROBE SLOW - FAST 160–191 LED ON 192–223 RANDOM STROBE SLOW - FAST 224–255 LED ON
7	Dimmer	0	
8	Dimmer Fine	0	Fine byte of Dimmer
9	Effect	0	0–0 OFF 1–20 PROGRAM 1 21–40 PROGRAM 2 41–60 PROGRAM 3 61–80 PROGRAM 4 81–100 PROGRAM 5 101–120 PROGRAM 6 121–140 PROGRAM 7 141–160 PROGRAM 8 161–180 PROGRAM 9 181–200 PROGRAM 10 201–220 PROGRAM 11 221–240 PROGRAM 12 241–250 PROGRAM 13 251–255 GRADIENT EFFECT
10	Effect Speed	0	
11	Effects1Fade	0	
12	Control	0	0–20 STANDARD 21–40 STAGE 41–60 TV 61–80 ARCHITECTURAL 81–100 THEATRE 101–255 DEFAULT DIMMER SETTING

Fixture model: gdtf-adj-saber-spot-rgbw-2000060110
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu…