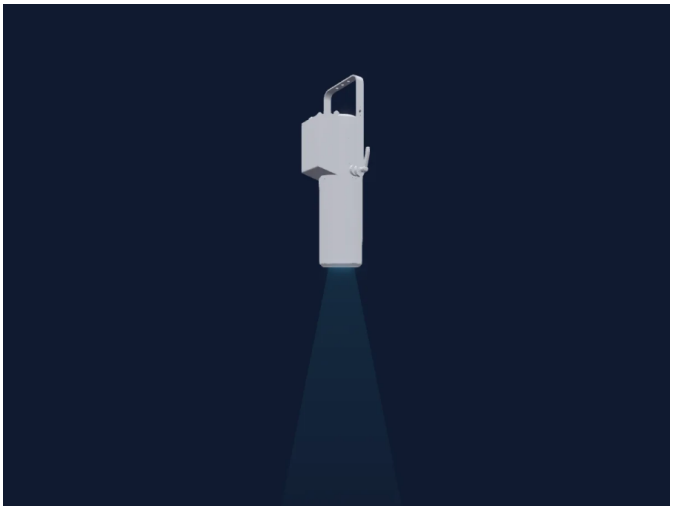
Vari-Lite

IP Image Projecting Profile FC



Manufacturer	**Vari-Lite**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**4, 17, 23 channels**
Beam angle	**18-30°**
Size (W × H × D)	**356 × 432 × 51 mm**
GDTF fixture type	**EC630903-55AB-4FA1-AB21-84…**

Controls

Focus · Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Service functions · Strobe · Built-in effect programmes

DMX modes

SQCC Mode	4 ch
SSCC Mode	17 ch
SOCC Mode	23 ch

SQCC Mode

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random
4	Color Macro1	0	

SSCC Mode

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random
4	Color Macro1	0	
5	Zoom	127	
6	Focus	127	
7	Focus Fine	255	Fine byte of Focus
8	Effects1Pos Rotate	127	0–125 Indexing - Indexing 126–127 Stop - Stop Loop 128–255 S > F - Rotate CW
9	Effects1Pos Rotate Fine	255	Fine byte of Effects1Pos Rotate
10	Effect	0	0–50 Gobo Index Mode - Gobo 51–100 Gobo Rotation Mode - Gobo Rotate 101–255 Reserved - Custom
11	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire Recal - Reset 11–15 Fixture Shutdown - Custom 16–20 Reserved - Custom 21–25 Display-Menu On - Custom 26–30 Display-Menu Off - Custom 31–35 Tungsten Dimming On - Custom 36–40 Tungsten Dimming Off - Custom 41–45 Dimming Curve Linear - Dimmer 46–50 Dimming Curve S-Curve - Dimmer 51–55 Dimming Curve Square Law - Dimmer 56–60 Reserved - Custom 61–65 Dimmer Snap On - Speed 66–70 Dimmer Snap Off - Speed 71–150 Reserved - Custom 151–155 Record Color Preset - Custom 156–170 Reserved - Custom 171–175 Reset Fixture To Default - Reset 176–255 Reserved - Custom
12	Cyan Mode	0	
13	Cyan Mode Fine	0	Fine byte of Cyan Mode
14	Yellow Mode	0	

SSCC Mode (continued)

Ch	Function	Default	DMX values
15	Yellow Mode Fine	0	Fine byte of Yellow Mode
16	Magenta Mode	0	
17	Magenta Mode Fine	0	Fine byte of Magenta Mode

SOCC Mode

23 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random
4	Color Macro1	0	
5	Zoom	127	
6	Focus	127	
7	Focus Fine	255	Fine byte of Focus
8	Effects1Pos Rotate	127	0–125 Indexing - Indexing 126–127 Stop - Stop Loop 128–255 S > F - Rotate CW
9	Effects1Pos Rotate Fine	255	Fine byte of Effects1Pos Rotate
10	Effect	0	0–50 Gobo Index Mode - Gobo 51–100 Gobo Rotation Mode - Gobo Rotate 101–255 Reserved - Custom
11	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire Recal - Reset 11–15 Fixture Shutdown - Custom 16–20 Reserved - Custom 21–25 Display-Menu On - Custom 26–30 Display-Menu Off - Custom 31–35 Tungsten Dimming On - Custom 36–40 Tungsten Dimming Off - Custom 41–45 Dimming Curve Linear - Dimmer 46–50 Dimming Curve S-Curve - Dimmer 51–55 Dimming Curve Square Law - Dimmer 56–60 Reserved - Custom 61–65 Dimmer Snap On - Speed 66–70 Dimmer Snap Off - Speed 71–150 Reserved - Custom 151–155 Record Color Preset - Custom 156–170 Reserved - Custom 171–175 Reset Fixture To Default - Reset 176–255 Reserved - Custom
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	0	
19	Color Add RY Fine	0	Fine byte of Color Add RY

SOCC Mode (continued)

Ch	Function	Default	DMX values
20	Color Add GY	0	
21	Color Add GY Fine	0	Fine byte of Color Add GY
22	Color Add C	0	
23	Color Add C Fine	0	Fine byte of Color Add C