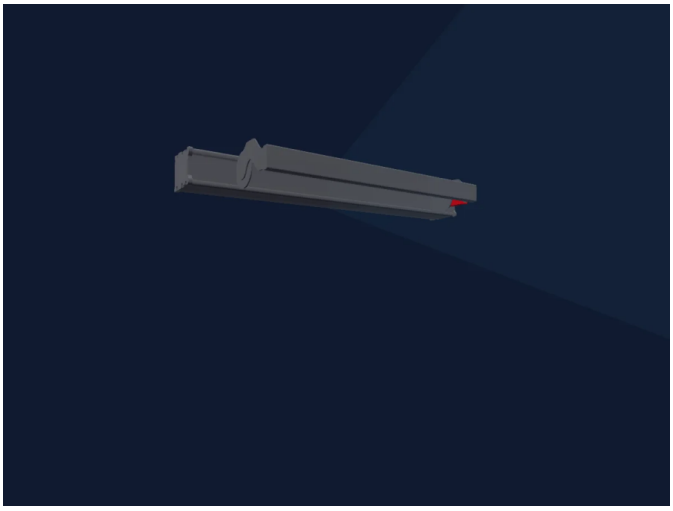
Solaris

# Solaris Flare XLR 1x16



| | |
|---|---|
| Manufacturer | **Solaris** |
| Type | **PAR** |
| DMX modes | **17** |
| DMX footprint | **3, 4, 6, 7, 8 channels** |
| Beam angle | **25-50°** |
| Size (W × H × D) | **1000 × 110 × 308 mm** |
| GDTF fixture type | **2D116209-BAF7-4269-8F4F-CD...** |

## Controls

Extra LED colours · RGB colour mixing · Dimmer · Pixel control

## DMX modes

| | |
|---|---|
| RGB 8bit | 3 ch |
| RGBW 8bit | 4 ch |
| Strobe Only | 4 ch |
| RGB 16bit | 6 ch |
| RGB Mode 1 | 7 ch |
| RGB Mode 18 | 7 ch |
| RGB Mode 2 | 7 ch |
| RGB Mode 4 | 7 ch |
| RGB Mode 8 | 7 ch |
| RGB Strobe | 7 ch |
| RGBW 16bit | 8 ch |
| RGBW Mode 1 | 8 ch |
| RGBW Mode 18 | 8 ch |
| RGBW Mode 2 | 8 ch |
| RGBW Mode 4 | 8 ch |
| RGBW Mode 8 | 8 ch |
| RGBW Strobe | 8 ch |

## RGB 8bit

3 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |

## RGBW 8bit

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 0 | |

## Strobe Only

4 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Dimmer | 0 | |
| 2 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 3 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 4 | Shutter1Strobe Effect | 0 | 0–5 No Effect<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGB 16bit

6 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 |

## RGB Mode 1

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | Dimmer | 0 | |

### RGB Mode 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 5 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 6 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 7 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGB Mode 18

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | Dimmer | 0 | |
| 5 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 6 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 7 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGB Mode 2

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | Dimmer | 0 | |
| 5 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 6 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |

### RGB Mode 2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 7 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGB Mode 4

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | Dimmer | 0 | |
| 5 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 6 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 7 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGB Mode 8

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | Dimmer | 0 | |
| 5 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 6 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |

### RGB Mode 8 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 7 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGB Strobe

7 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | Dimmer | 0 | |
| 5 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 6 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 7 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGBW 16bit

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 | White | 0 | |
| 8 | White Fine | 0 | Fine byte of White |

## RGBW Mode 1

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |

### RGBW Mode 1 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 3 | Blue | 255 | |
| 4 | White | 0 | |
| 5 | Dimmer | 0 | |
| 6 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 7 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 8 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGBW Mode 18

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 0 | |
| 5 | Dimmer | 0 | |
| 6 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 7 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 8 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGBW Mode 2

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 0 | |
| 5 | Dimmer | 0 | |

### RGBW Mode 2 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 6 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 7 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 8 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGBW Mode 4

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 0 | |
| 5 | Dimmer | 0 | |
| 6 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 7 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 8 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGBW Mode 8

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 0 | |
| 5 | Dimmer | 0 | |
| 6 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |

### RGBW Mode 8 (continued)

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 7 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 8 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |

## RGBW Strobe

8 channels

| Ch | Function | Default | DMX values |
|---|---|---|---|
| 1 | Red | 255 | |
| 2 | Green | 255 | |
| 3 | Blue | 255 | |
| 4 | White | 0 | |
| 5 | Dimmer | 0 | |
| 6 | Strobe Duration | 0 | 0–254 Duration<br>255–255 Hyper |
| 7 | Shutter1Strobe | 0 | 0–5 Closed<br>6–129 Slow<br>130–254 Med<br>255–255 Fast |
| 8 | Shutter1Strobe Effect | 0 | 5–5 Wash Mode<br>6–42 Ramp Up<br>43–85 Ramp Down<br>86–128 Ramp Up/Down<br>129–171 Random<br>172–214 Lightning<br>215–240 Spikes<br>241–245 Burst<br>246–250 Meltdown Solid<br>251–255 Meltdown Burst |