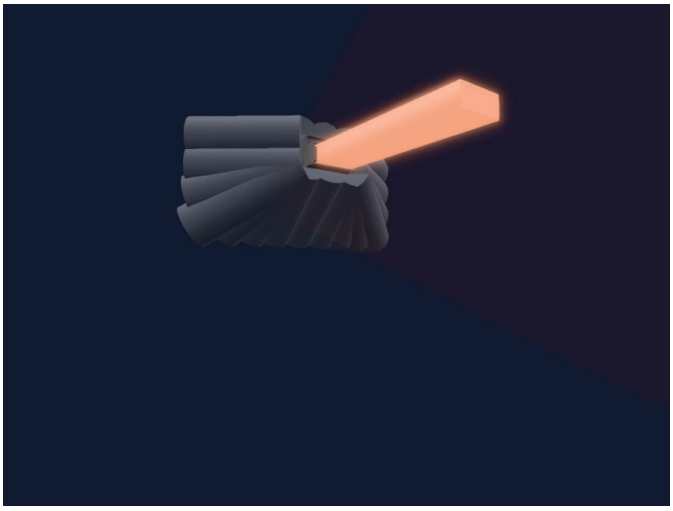
Solaris

Solaris Flare XL 36



Manufacturer	**Solaris**
Type	**PAR**
DMX modes	**25**
DMX footprint	**3, 4, 6, 7, 8 channels**
Beam angle	**25-50°**
Size (W × H × D)	**662 × 351 × 277 mm**
GDTF fixture type	**C4327BC8-FF33-4E7F-88DD-83…**

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 12	7 ch
RGB Mode 18	7 ch
RGB Mode 2	7 ch
RGB Mode 3	7 ch
RGB Mode 36	7 ch
RGB Mode 4	7 ch
RGB Mode 6	7 ch
RGB Mode 9	7 ch
RGB Strobe	7 ch
RGBW 16bit	8 ch
RGBW Mode 1	8 ch
RGBW Mode 12	8 ch
RGBW Mode 18	8 ch
RGBW Mode 2	8 ch
RGBW Mode 3	8 ch
RGBW Mode 36	8 ch
RGBW Mode 4	8 ch
RGBW Mode 6	8 ch
RGBW Mode 9	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 255–255 Hyper
3	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
4	Shutter1Strobe Effect	0	0–5 No Effect 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
7	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 251–255 Meltdown Burst

RGB Mode 12

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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
7	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast

RGB Mode 18 (continued)

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

RGB Mode 3

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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast

RGB Mode 3 (continued)

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

RGB Mode 36

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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
7	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast

RGB Mode 4 (continued)

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

RGB Mode 6

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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
7	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 251–255 Meltdown Burst

RGB Mode 9

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 255–255 Hyper
6	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast

RGB Mode 9 (continued)

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

RGBW Mode 12

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 255–255 Hyper
7	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
8	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 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	

RGBW Mode 18 (continued)

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

RGBW Mode 3

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 255–255 Hyper

RGBW Mode 3 (continued)

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

RGBW Mode 36

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 255–255 Hyper
7	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
8	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 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 255–255 Hyper
7	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast

RGBW Mode 4 (continued)

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

RGBW Mode 6

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 255–255 Hyper
7	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast
8	Shutter1Strobe Effect	0	5–5 Wash Mode 6–42 Ramp Up 43–85 Ramp Down 86–128 Ramp Up/Down 129–171 Random 172–214 Lightning 215–240 Spikes 241–245 Burst 246–250 Meltdown Solid 251–255 Meltdown Burst

RGBW Mode 9

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 255–255 Hyper
7	Shutter1Strobe	0	0–5 Closed 6–129 Slow 130–254 Med 255–255 Fast

RGBW Mode 9 (continued)

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