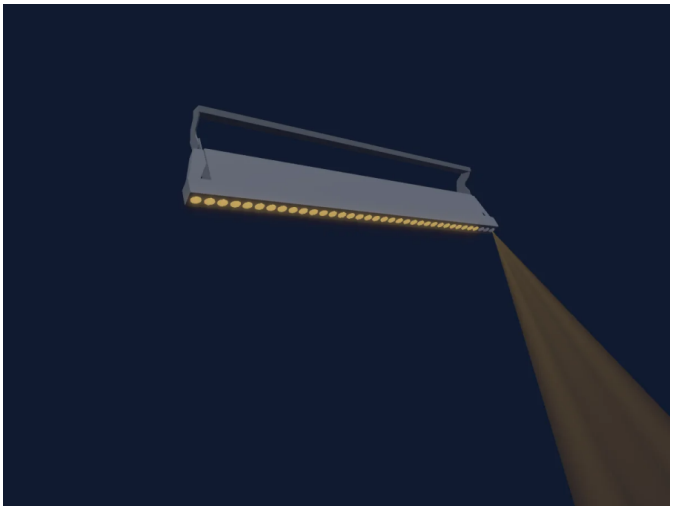
Solaris

Solaris Flare Q plus Rayzr 100cm



Manufacturer	**Solaris**
Type	**Blinder**
DMX modes	**19**
DMX footprint	**3, 4, 6, 7, 8, 10, 12, 13, 16, 19, 20, 24, 25, 32, 43, 56 channels**
Beam angle	**25°**
Tilt range	**180°**
Heads / cells	**13**
Size (W × H × D)	**998 × 167 × 41 mm**
GDTF fixture type	**81BECBD6-E2A5-4A14-BE68-3D…**

Controls

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

DMX modes

RGB 8bit (3ch)	3 ch
RGBW 8bit (4ch)	4 ch
Strobe Only (4ch)	4 ch
RGB 16bit (6ch)	6 ch
RGB Strobe (7ch)	7 ch
RGBW 16bit (8ch)	8 ch
RGBW Strobe (8ch)	8 ch
RGB Pixel Mode 1 (10ch)	10 ch
RGBW Pixel Mode 1 (12ch)	12 ch
RGB Pixel Mode 2 (13ch)	13 ch
RGB Pixel Mode 3 (16ch)	16 ch
RGBW Pixel Mode 2 (16ch)	16 ch
RGB Pixel Mode 4 (19ch)	19 ch
RGBW Pixel Mode 3 (20ch)	20 ch
RGBW Pixel Mode 4 (24ch)	24 ch
RGB Pixel Mode 6 (25ch)	25 ch
RGBW Pixel Mode 6 (32ch)	32 ch
RGB Pixel Mode 12 (43ch)	43 ch
RGBW Pixel Mode 12 (56ch)	56 ch

RGB 8bit (3ch)

3 channels

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

RGBW 8bit (4ch)

4 channels

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

Strobe Only (4ch)

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
2	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
3	Custom	0	
4	Custom	0	

RGB 16bit (6ch)

6 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

RGB Strobe (7ch)

7 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz

RGB Strobe (7ch) (continued)

Ch	Function	Default	DMX values
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random

RGBW 16bit (8ch)

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

RGBW Strobe (8ch)

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random

RGB Pixel Mode 1 (10ch)

10 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
8	Red	0	
9	Green	0	
10	Blue	0	

RGBW Pixel Mode 1 (12ch)

12 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
9	Red	0	
10	Green	0	

RGBW Pixel Mode 1 (12ch) (continued)

Ch	Function	Default	DMX values
11	Blue	0	
12	White	0	

RGB Pixel Mode 2 (13ch)

13 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
8	Red	0	
9	Green	0	
10	Blue	0	
11	Red	0	
12	Green	0	
13	Blue	0	

RGB Pixel Mode 3 (16ch)

16 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz

RGB Pixel Mode 3 (16ch) (continued)

Ch	Function	Default	DMX values
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
8	Red	0	
9	Green	0	
10	Blue	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Red	0	
15	Green	0	
16	Blue	0	

RGBW Pixel Mode 2 (16ch)

16 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	

RGBW Pixel Mode 2 (16ch) (continued)

Ch	Function	Default	DMX values
15	Blue	0	
16	White	0	

RGB Pixel Mode 4 (19ch)

19 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
8	Red	0	
9	Green	0	
10	Blue	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Red	0	
15	Green	0	
16	Blue	0	
17	Red	0	
18	Green	0	
19	Blue	0	

RGBW Pixel Mode 3 (20ch)

20 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level

RGBW Pixel Mode 3 (20ch) (continued)

Ch	Function	Default	DMX values
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	

RGBW Pixel Mode 4 (24ch)

24 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz

RGBW Pixel Mode 4 (24ch) (continued)

Ch	Function	Default	DMX values
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	

RGB Pixel Mode 6 (25ch)

25 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random

RGB Pixel Mode 6 (25ch) (continued)

Ch	Function	Default	DMX values
8	Red	0	
9	Green	0	
10	Blue	0	
11	Red	0	
12	Green	0	
13	Blue	0	
14	Red	0	
15	Green	0	
16	Blue	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	Red	0	
21	Green	0	
22	Blue	0	
23	Red	0	
24	Green	0	
25	Blue	0	

RGBW Pixel Mode 6 (32ch)

32 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	

RGBW Pixel Mode 6 (32ch) (continued)

Ch	Function	Default	DMX values
14	Green	0	
15	Blue	0	
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	White	0	

RGB Pixel Mode 12 (43ch)

43 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
5	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
6	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz
7	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
8	Red	0	
9	Green	0	
10	Blue	0	
11	Red	0	
12	Green	0	

RGB Pixel Mode 12 (43ch) (continued)

Ch	Function	Default	DMX values
13	Blue	0	
14	Red	0	
15	Green	0	
16	Blue	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	Red	0	
21	Green	0	
22	Blue	0	
23	Red	0	
24	Green	0	
25	Blue	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	Red	0	
33	Green	0	
34	Blue	0	
35	Red	0	
36	Green	0	
37	Blue	0	
38	Red	0	
39	Green	0	
40	Blue	0	
41	Red	0	
42	Green	0	
43	Blue	0	

RGBW Pixel Mode 12 (56ch)

56 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Dimmer	0	0–5 BlackOut 6–255 Intensity Level
6	Strobe Duration	0	0–254 No Flash 255–255 Flash Duration
7	Shutter1Strobe	0	0–5 No Flash 6–241 Flash Rate 242–248 25 Hz 249–255 33 Hz

RGBW Pixel Mode 12 (56ch) (continued)

Ch	Function	Default	DMX values
8	Shutter Select Effects	0	0–4 No function 5–5 Wash Override 6–42 Ramo up (use channels Duration and Rate for control) 43–85 Ramp down (use channels Duration and Rate for con... 86–128 Ramp up/down (use channels Duration and Rate fo... 129–171 Random strobe (use channel Rate for control) 172–214 Lightning (use channel Rate for control) 215–240 Spikes (use channels Duration and Rate for control) 241–245 Burst (Use Rate at Full) 246–250 Meltdown Solid 251–255 Meltdown Random
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	White	0	
33	Red	0	
34	Green	0	
35	Blue	0	
36	White	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	White	0	
41	Red	0	
42	Green	0	
43	Blue	0	
44	White	0	
45	Red	0	

RGBW Pixel Mode 12 (56ch) (continued)

Ch	Function	Default	DMX values
46	Green	0	
47	Blue	0	
48	White	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	White	0	
53	Red	0	
54	Green	0	
55	Blue	0	
56	White	0	