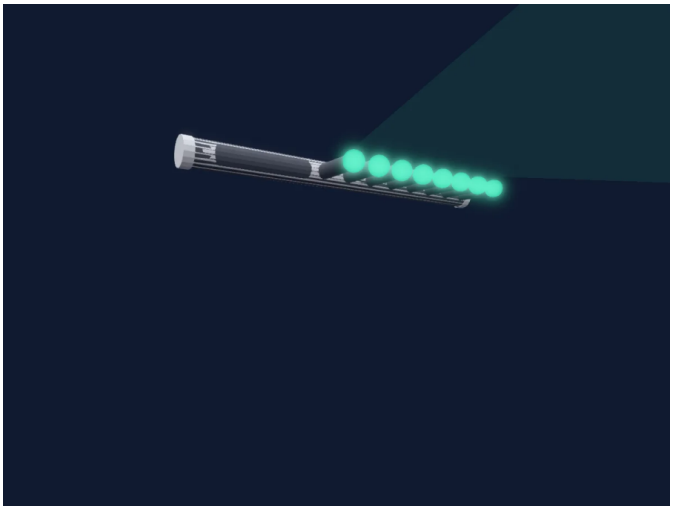
ASTERA

Astera Helios (Center Insertion)



Manufacturer	**ASTERA**
Type	**PAR**
DMX modes	**16**
DMX footprint	**3, 4, 5, 8, 12, 32 channels**
Beam angle	**25°**
Heads / cells	**8**
Size (W × H × D)	**42 × 42 × 550 mm**
GDTF fixture type	**8339B115-B1AC-422D-B1FD-37…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe

DMX modes

Mode 1 - 1Pix RGB Strob OFF	3 ch
WIP - Mode 42 - 8Pix RGB Strob OFF	3 ch
Mode 2 - 1Pix RGBW Strob OFF	4 ch
Mode 8 - 1Pix RGBS	4 ch
WIP - Mode 57 - 8Pix RGBS	4 ch
WIP - Mode 67 - 4Pix RGBW Strob OFF	4 ch
WIP - Mode 81 - 4Pix RGBS	4 ch
Mode 9 - 1Pix RGBWS	5 ch
WIP - Mode 59 - 8Pix RGBWS	5 ch
WIP - Mode 83 - 4Pix RGBWS	5 ch
Mode 27 - 2Pix RGBW Strob OFF	8 ch
Mode 94 - 1Pix D CCT GM CRO RGB S	8 ch
WIP - Mode 120 - 8Pix D CCT GM CRO RGB S	8 ch
WIP - Mode 133 - 4Pix D CCT GM CRO RGB S	8 ch
WIP Mode 66 - 4Pix RGB Strob OFF	12 ch
Mode 43 - 8Pix RGBW Strob OFF	32 ch

Mode 1 - 1Pix RGB Strob OFF

3 channels

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

WIP - Mode 42 - 8Pix RGB Strob OFF

3 channels

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

Mode 2 - 1Pix RGBW Strob OFF

4 channels

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

Mode 8 - 1Pix RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP - Mode 57 - 8Pix RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP - Mode 67 - 4Pix RGBW Strob OFF

4 channels

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

WIP - Mode 81 - 4Pix RGBS

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

Mode 9 - 1Pix RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP - Mode 59 - 8Pix RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP - Mode 83 - 4Pix RGBWS

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	255	
5	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

Mode 27 - 2Pix RGBW Strob OFF

8 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	

Mode 94 - 1Pix D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	45	0–44 1750 K 45–119 3200 K 120–254 5600K 255–255 9910 K
3	Tint	128	0–4 No Effect 5–5 Full Minus G 6–127 Minus G 128–128 Neutral 129–254 Plus G 255–255 Full Plus G
4	Color XF	0	0–254 White Mode 255–255 Color Mode
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP - Mode 120 - 8Pix D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	45	0–44 1750 K 45–119 3200 K 120–254 5600K 255–255 9910 K
3	Tint	128	0–4 No Effect 5–5 Full Minus G 6–127 Minus G 128–128 Neutral 129–254 Plus G 255–255 Full Plus G
4	Color XF	0	0–254 White Mode 255–255 Color Mode
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP - Mode 133 - 4Pix D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	45	0–44 1750 K 45–119 3200 K 120–254 5600K 255–255 9910 K
3	Tint	128	0–4 No Effect 5–5 Full Minus G 6–127 Minus G 128–128 Neutral 129–254 Plus G 255–255 Full Plus G
4	Color XF	0	0–254 White Mode 255–255 Color Mode
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 open 4–4 Random Fast 5–5 Random Medium 6–6 Random Slow 7–127 Min Strobe 128–254 Medium Strobe 255–255 Max Strobe

WIP Mode 66 - 4Pix RGB Strob OFF

12 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Red	255	
8	Green	255	
9	Blue	255	
10	Red	255	
11	Green	255	
12	Blue	255	

Mode 43 - 8Pix RGBW Strob OFF

32 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	0	
9	Red	255	
10	Green	255	
11	Blue	255	
12	White	0	
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	0	
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	Red	255	
26	Green	255	
27	Blue	255	
28	White	0	
29	Red	0	

Mode 43 - 8Pix RGBW Strob OFF (continued)

Ch	Function	Default	DMX values
30	Green	255	
31	Blue	255	
32	White	0	