Astera LED Technology

# Helios



| | |
|---|---|
| Manufacturer | **Astera LED Technology** |
| Type | **PAR** |
| DMX modes | **15** |
| DMX footprint | **3, 4, 5, 8 channels** |
| Size (W × H × D) | **42 × 550 × 42 mm** |
| GDTF fixture type | **8C214EFD-6D59-4C0A-9F38-ED…** |

## Controls

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

## Safety-relevant functions

Strobe

## DMX modes

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

## Mode 1 - 1Pix RGB Strob OFF

3 channels

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

## Mode 42 - 8Pix RGB Strob OFF

3 channels

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

## Mode 66 - 4Pix 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 43 - 8Pix RGBW Strob OFF

4 channels

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

## 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<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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 | |

## 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<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>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<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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<br>45–119 3200 K<br>120–254 5600K<br>255–255 9910 K |
| 3 | Tint | 128 | 0–4 No Effect<br>5–5 Full Minus G<br>6–127 Minus G<br>128–128 Neutral<br>129–254 Plus G<br>255–255 Full Plus G |
| 4 | Color XF | 0 | 0–254 White Mode<br>255–255 Color Mode |
| 5 | Red | 255 | |
| 6 | Green | 255 | |
| 7 | Blue | 255 | |
| 8 | Shutter / Strobe | 0 | 0–3 open<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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<br>45–119 3200 K<br>120–254 5600K<br>255–255 9910 K |
| 3 | Tint | 128 | 0–4 No Effect<br>5–5 Full Minus G<br>6–127 Minus G<br>128–128 Neutral<br>129–254 Plus G<br>255–255 Full Plus G |
| 4 | Color XF | 0 | 0–254 White Mode<br>255–255 Color Mode |
| 5 | Red | 255 | |
| 6 | Green | 255 | |
| 7 | Blue | 255 | |
| 8 | Shutter / Strobe | 0 | 0–3 open<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |

## 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<br>45–119 3200 K<br>120–254 5600K<br>255–255 9910 K |
| 3 | Tint | 128 | 0–4 No Effect<br>5–5 Full Minus G<br>6–127 Minus G<br>128–128 Neutral<br>129–254 Plus G<br>255–255 Full Plus G |
| 4 | Color XF | 0 | 0–254 White Mode<br>255–255 Color Mode |
| 5 | Red | 255 | |
| 6 | Green | 255 | |
| 7 | Blue | 255 | |
| 8 | Shutter / Strobe | 0 | 0–3 open<br>4–4 Random Fast<br>5–5 Random Medium<br>6–6 Random Slow<br>7–127 Min Strobe<br>128–254 Medium Strobe<br>255–255 Max Strobe |