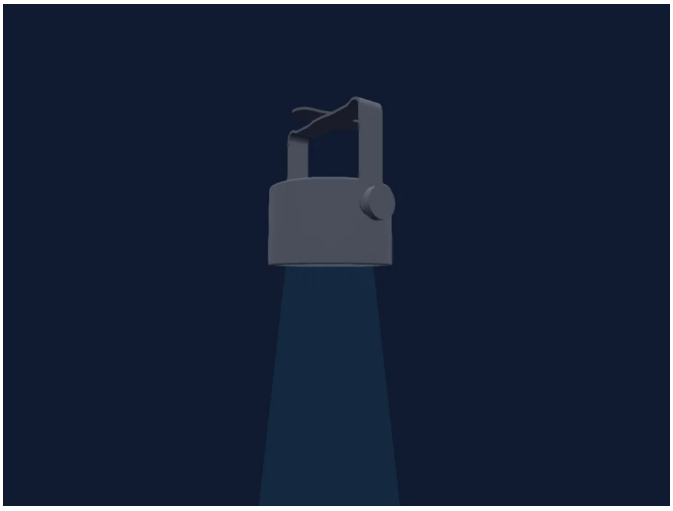
Astera LED Technology

AX 3 LightDrop



Manufacturer	**Astera LED Technology**
Type	**Effect light**
DMX modes	**19**
DMX footprint	**3, 4, 5, 6, 7, 8, 9 channels**
Beam angle	**13°**
Size (W × H × D)	**61 × 58 × 48 mm**
GDTF fixture type	**EC29C73A-748C-4E8B-9C9E-CA…**

Controls

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

DMX modes

1: RGB	3 ch
2: RGBW	4 ch
4: DIM RGB	4 ch
8: RGBS	4 ch
11: DIM RGBS	5 ch
3: RGBAW	5 ch
5: DIM RGBW	5 ch
9: RGBWS	5 ch
10: RGBAWS	6 ch
12: DIM RGBWS	6 ch
6: DIM RGBAW	6 ch
7: RGB CCT DIM IND	6 ch
95: D CCT GM HUE SAT S	6 ch
13: DIM RGBAWS	7 ch
14: RGB CCT DIM IND S	7 ch
97: D16 X Y S	7 ch
94: D CCT GM CRO RGB S	8 ch
96: D16 CCT GM H SAT S	8 ch
137: D16 CCT GM C RGB S	9 ch

1: RGB

3 channels

Ch	Function	Default	DMX values
1	Color RGBRed	255	
2	Color RGBGreen	255	
3	Color RGBBlue	255	

2: RGBW

4 channels

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

4: DIM RGB

4 channels

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

8: 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 mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

11: DIM RGBS

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

3: RGBAW

5 channels

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

5: DIM RGBW

5 channels

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

9: 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 mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

10: RGBAWS

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Dummy	0	
5	White	255	
6	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

12: DIM RGBWS

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	

12: DIM RGBWS (continued)

Ch	Function	Default	DMX values
3	Green	255	
4	Blue	255	
5	White	255	
6	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

6: DIM RGBAW

6 channels

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

7: RGB CCT DIM IND

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	0	0–4 no effect 5–255 CTC
5	Dimmer	0	

7: RGB CCT DIM IND (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–1 no effect 2–2 Rose Pink (wheel slot 1) 3–3 Lavender Tint (wheel slot 2) 4–6 Medium Bastard Amber (wheel slot 3) 7–7 Pale Yellow (wheel slot 4) 8–8 Dark Salmon (wheel slot 5) 9–9 Pale Amber Gold (wheel slot 6) 10–12 Medium Yellow (wheel slot 7) 13–14 Straw Tint (wheel slot 8) 15–16 Deep Straw (wheel slot 9) 17–18 Surprise Peach (wheel slot 10) 19–19 Fire (wheel slot 11) 20–20 Medium Amber (wheel slot 12) 21–21 Gold Amber (wheel slot 13) 22–23 Dark Amber (wheel slot 14) 24–24 Scarlet (wheel slot 15) 25–25 Sunset Red (wheel slot 16) 26–26 Bright Red (wheel slot 17) 27–28 Medium Red (wheel slot 18) 29–34 Plasa Red (wheel slot 19) 35–35 Light Pink (wheel slot 20) 36–45 Medium Pink (wheel slot 21) 46–47 Dark Magenta (wheel slot 22) 48–48 Rose Purple (wheel slot 23) 49–51 Medium Purple (wheel slot 24) 52–52 Light Lavender (wheel slot 25) 53–57 Paler Lavender (wheel slot 26) 58–60 Lavender (wheel slot 27) 61–62 Mist Blue (wheel slot 28) 63–67 Pale Blue (wheel slot 29) 68–70 Sky Blue (wheel slot 30) 71–74 Tokyo Blue (wheel slot 31) 75–78 Evening Blue (wheel slot 32) 79–84 Just Blue (wheel slot 33) 85–87 Deeper Blue (wheel slot 34) 88–88 Lime Green (wheel slot 35) 89–89 Moss Green (wheel slot 36) 90–99 Dark Yellow Green (wheel slot 37) 100–100 Spring Yellow (wheel slot 38) 101–101 Yellow (wheel slot 39) 102–102 Light Amber (wheel slot 40) 103–103 Straw (wheel slot 41) 104–104 Deep Amber (wheel slot 42) 105–105 Orange (wheel slot 43) 106–106 Primary Red (wheel slot 44) 107–107 Light Rose (wheel slot 45) 108–108 English Rose (wheel slot 46) 109–109 Light Salmon (wheel slot 47) 110–110 Middle Rose (wheel slot 48) 111–112 Dark Pink (wheel slot 49) 113–114 Magenta (wheel slot 50) 115–115 Peacock Blue (wheel slot 51) 116–116 Medium Blue-Green (wheel slot 52) 117–117 Steel Blue (wheel slot 53) 118–118 Light Blue (wheel slot 54) 119–119 Dark Blue (wheel slot 55) 120–120 Deep Blue (wheel slot 56) 121–121 LEE Green (wheel slot 57) 122–123 Fern Green (wheel slot 58) 124–125 Dark Green (wheel slot 59) 126–126 Mauve (wheel slot 60) 127–127 Smokey Pink (wheel slot 61) 128–128 Bright Pink (wheel slot 62) 129–129 Heavy Frost (wheel slot 63)

95: D CCT GM HUE SAT S

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	120	
3	Tint	0	0–4 no effect 5–126 Green Point 127–254 Neutral 255–255 Magenta Point
4	H SBHue	0	0–254 0 deg 255–255 360 deg
5	H SBSaturation	0	
6	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

13: DIM RGBAWS

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	255	
3	Green	255	
4	Blue	255	
5	Dummy	0	
6	White	255	
7	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

14: RGB CCT DIM IND S

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	C TC	0	0–4 no effect 5–255 CTC
5	Dimmer	0	

14: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–1 no effect 2–2 Rose Pink (wheel slot 1) 3–3 Lavender Tint (wheel slot 2) 4–6 Medium Bastard Amber (wheel slot 3) 7–7 Pale Yellow (wheel slot 4) 8–8 Dark Salmon (wheel slot 5) 9–9 Pale Amber Gold (wheel slot 6) 10–12 Medium Yellow (wheel slot 7) 13–14 Straw Tint (wheel slot 8) 15–16 Deep Straw (wheel slot 9) 17–18 Surprise Peach (wheel slot 10) 19–19 Fire (wheel slot 11) 20–20 Medium Amber (wheel slot 12) 21–21 Gold Amber (wheel slot 13) 22–23 Dark Amber (wheel slot 14) 24–24 Scarlet (wheel slot 15) 25–25 Sunset Red (wheel slot 16) 26–26 Bright Red (wheel slot 17) 27–28 Medium Red (wheel slot 18) 29–34 Plasa Red (wheel slot 19) 35–35 Light Pink (wheel slot 20) 36–45 Medium Pink (wheel slot 21) 46–47 Dark Magenta (wheel slot 22) 48–48 Rose Purple (wheel slot 23) 49–51 Medium Purple (wheel slot 24) 52–52 Light Lavender (wheel slot 25) 53–57 Paler Lavender (wheel slot 26) 58–60 Lavender (wheel slot 27) 61–62 Mist Blue (wheel slot 28) 63–67 Pale Blue (wheel slot 29) 68–70 Sky Blue (wheel slot 30) 71–74 Tokyo Blue (wheel slot 31) 75–78 Evening Blue (wheel slot 32) 79–84 Just Blue (wheel slot 33) 85–87 Deeper Blue (wheel slot 34) 88–88 Lime Green (wheel slot 35) 89–89 Moss Green (wheel slot 36) 90–99 Dark Yellow Green (wheel slot 37) 100–100 Spring Yellow (wheel slot 38) 101–101 Yellow (wheel slot 39) 102–102 Light Amber (wheel slot 40) 103–103 Straw (wheel slot 41) 104–104 Deep Amber (wheel slot 42) 105–105 Orange (wheel slot 43) 106–106 Primary Red (wheel slot 44) 107–107 Light Rose (wheel slot 45) 108–108 English Rose (wheel slot 46) 109–109 Light Salmon (wheel slot 47) 110–110 Middle Rose (wheel slot 48) 111–112 Dark Pink (wheel slot 49) 113–114 Magenta (wheel slot 50) 115–115 Peacock Blue (wheel slot 51) 116–116 Medium Blue-Green (wheel slot 52) 117–117 Steel Blue (wheel slot 53) 118–118 Light Blue (wheel slot 54) 119–119 Dark Blue (wheel slot 55) 120–120 Deep Blue (wheel slot 56) 121–121 LEE Green (wheel slot 57) 122–123 Fern Green (wheel slot 58) 124–125 Dark Green (wheel slot 59) 126–126 Mauve (wheel slot 60) 127–127 Smokey Pink (wheel slot 61) 128–128 Bright Pink (wheel slot 62) 129–129 Heavy Frost (wheel slot 63)

14: RGB CCT DIM IND S (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

97: D16 X Y S

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C IEX	0	
4	C IEX Fine	0	Fine byte of C IEX
5	C IEY	0	
6	C IEY Fine	0	Fine byte of C IEY
7	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

94: D CCT GM CRO RGB S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	120	
3	Tint	5	0–4 no effect 5–126 Green Point 127–254 Neutral 255–255 Magenta Point
4	Color Model Mode	0	0–254 full CTC 255–255 full RGB
5	Red	255	
6	Green	255	
7	Blue	255	
8	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

96: D16 CCT GM H SAT S

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	120	

96: D16 CCT GM H SAT S (continued)

Ch	Function	Default	DMX values
4	Tint	0	0–4 no effect 5–126 Green Point 127–254 Neutral 255–255 Magenta Point
5	H SBHue	0	0–254 0 deg 255–255 360 deg
6	H SBHue Fine	0	Fine byte of H SBHue
7	H SBSaturation	0	
8	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz

137: D16 CCT GM C RGB S

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	120	
4	Tint	0	0–4 no effect 5–126 Green Point 127–254 Neutral 255–255 Magenta Point
5	Color Model Mode	0	0–254 full CTC 255–255 full RGB
6	Red	255	
7	Green	255	
8	Blue	255	
9	Shutter / Strobe	0	0–3 open 4–4 random fast 5–5 random mid 6–6 random slow 7–254 Strobe · min 0.4–24.9 Hz 255–255 Strobe · max 25 Hz