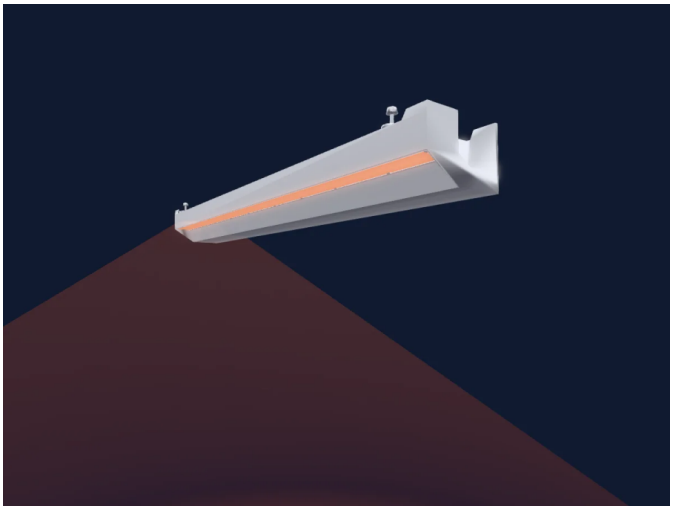
Chauvet Professional

Ovation CYC 3 FC



Manufacturer	**Chauvet Professional**
Type	**Cyc light**
DMX modes	**11**
DMX footprint	**1, 3, 5, 7, 10, 12, 13, 16, 17, 33 channels**
Beam angle	**111.4°**
Heads / cells	**3**
Size (W × H × D)	**1195 × 127 × 158 mm**
GDTF fixture type	**E0F6B277-1947-435E-837B-238…**

Controls

Extra LED colours · Hue and saturation · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

1Ch Mode	1 ch
3Ch Mode	3 ch
HSV	3 ch
5Ch Mode	5 ch
7Ch Mode	7 ch
10Ch Mode	10 ch
12Ch Mode	12 ch
13Ch Mode	13 ch
16Ch Mode	16 ch
17Ch Mode	17 ch
33Ch Mode	33 ch

1Ch Mode

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

3Ch Mode

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 NC Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 No Func - Custom
3	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3200K - CTC 51–75 3500K - CTC 76–100 4000K - CTC 101–125 4500K - CTC 126–150 5000K - CTC 151–175 5600K - CTC 176–200 6000K - CTC 201–250 6500K - CTC 251–255 No Func - Custom

HSV

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	0–0 Min 1–254 Min > Max 255–255 Max
2	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
3	H SBBrightness	0	0–0 Min 1–254 Min > Max 255–255 Max

5Ch Mode

5 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max

7Ch Mode

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

10Ch Mode

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
9	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 NC Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 No Func - Custom

10Ch Mode (continued)

Ch	Function	Default	DMX values
10	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3200K - CTC 51–75 3500K - CTC 76–100 4000K - CTC 101–125 4500K - CTC 126–150 5000K - CTC 151–175 5600K - CTC 176–200 6000K - CTC 201–250 6500K - CTC 251–255 No Func - Custom

12Ch Mode

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

12Ch Mode (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 NC Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 No Func - Custom
9	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3200K - CTC 51–75 3500K - CTC 76–100 4000K - CTC 101–125 4500K - CTC 126–150 5000K - CTC 151–175 5600K - CTC 176–200 6000K - CTC 201–250 6500K - CTC 251–255 No Func - Custom
10	Effect	0	0–10 No Func - Custom 11–60 Auto 1 - Macro 61–110 Auto 2 - Macro 111–160 Auto 3 - Macro 161–210 Auto 4 - Macro 211–255 Auto 5 - Macro
11	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

12Ch Mode (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–7 No Func - Custom 8–15 Dimmer Reset - Reset 16–23 Red Shift On - Custom 24–31 Red Shift Off - Custom 32–39 S-Curve Dimmer - Custom 40–47 Linear Dimmer - Custom 48–55 Square Dimmer Curve - Custom 56–63 Inverse Square Dimmer Curve - Custom 64–71 Dimmer Speed Mode Off - Speed 72–79 Dimmer Speed 1 (Fastest) - Speed 80–87 Dimmer Speed 2 - Speed 88–95 Dimmer Speed 3 (Slowest) - Speed 96–127 Reserved - Custom 128–135 Virtual Color wheel Cross-fade Off - Custom 136–143 Virtual Color wheel Cross-fade Speed 1 (Fastest) - ... 144–151 Virtual Color wheel Cross-fade Speed 2 - Speed 152–159 Virtual Color wheel Cross-fade Speed 3 - Speed 160–167 Virtual Color wheel Cross-fade Speed 4 (Slowest) - ... 168–255 Reserved - Custom

13Ch Mode

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

16Ch Mode

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY

16Ch Mode (continued)

Ch	Function	Default	DMX values
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe
14	Color Wheel	0	0–5 Open - Color (wheel slot 1) 6–13 Medium Yellow - Color (wheel slot 2) 14–21 Light Yellow - Color (wheel slot 3) 22–28 Amber Yellow - Color (wheel slot 4) 29–35 Very Light Amber - Color (wheel slot 5) 36–43 Light Amber - Color (wheel slot 6) 44–51 Medium Amber - Color (wheel slot 7) 52–59 Dark Amber - Color (wheel slot 8) 60–67 Light Red - Color (wheel slot 9) 68–75 Medium Red - Color (wheel slot 10) 76–83 NC Pink - Color (wheel slot 11) 84–91 Medium Pink - Color (wheel slot 12) 92–99 Dark Pink - Color (wheel slot 13) 100–107 Medium Red Amber - Color (wheel slot 14) 108–115 Dark Red Amber - Color (wheel slot 15) 116–121 Magenta - Color (wheel slot 16) 122–130 Dark Magenta - Color (wheel slot 17) 131–138 Light Lavender - Color (wheel slot 18) 139–146 Light Blue - Color (wheel slot 19) 147–154 Very Light Blue - Color (wheel slot 20) 155–162 Light Blue 2 - Color (wheel slot 21) 163–170 Blue - Color (wheel slot 22) 171–178 Medium Blue - Color (wheel slot 23) 179–186 Dark Blue - Color (wheel slot 24) 187–194 Indigo - Color (wheel slot 25) 195–202 Very Dark Blue - Color (wheel slot 26) 203–210 Very Dark Blue 2 - Color (wheel slot 27) 211–218 Yellow Green - Color (wheel slot 28) 219–226 Green - Color (wheel slot 29) 227–234 Turquoise - Color (wheel slot 30) 235–242 Aqua - Color (wheel slot 31) 243–250 Blue Green - Color (wheel slot 32) 251–255 No Func - Custom
15	C TC	0	0–5 No Func - Custom 6–25 2800K - CTC 26–50 3200K - CTC 51–75 3500K - CTC 76–100 4000K - CTC 101–125 4500K - CTC 126–150 5000K - CTC 151–175 5600K - CTC 176–200 6000K - CTC 201–250 6500K - CTC 251–255 No Func - Custom

16Ch Mode (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–7 No Func - Custom 8–15 Dimmer Reset - Reset 16–23 Red Shift On - Custom 24–31 Red Shift Off - Custom 32–39 S-Curve Dimmer - Custom 40–47 Linear Dimmer - Custom 48–55 Square Dimmer Curve - Custom 56–63 Inverse Square Dimmer Curve - Custom 64–71 Dimmer Speed Mode Off - Speed 72–79 Dimmer Speed 1 (Fastest) - Speed 80–87 Dimmer Speed 2 - Speed 88–95 Dimmer Speed 3 (Slowest) - Speed 96–127 Reserved - Custom 128–135 Virtual Color wheel Cross-fade Off - Custom 136–143 Virtual Color wheel Cross-fade Speed 1 (Fastest) - ... 144–151 Virtual Color wheel Cross-fade Speed 2 - Speed 152–159 Virtual Color wheel Cross-fade Speed 3 - Speed 160–167 Virtual Color wheel Cross-fade Speed 4 (Slowest) - ... 168–255 Reserved - Custom

17Ch Mode

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
8	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max

17Ch Mode (continued)

Ch	Function	Default	DMX values
12	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
13	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
14	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
15	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Color Add GY	0	0–0 Min 1–254 Min > Max 255–255 Max
17	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe

33Ch Mode

33 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	Color Add GY	0	
12	Color Add GY Fine	0	Fine byte of Color Add GY
13	Red	255	
14	Red Fine	255	Fine byte of Red
15	Green	255	
16	Green Fine	255	Fine byte of Green
17	Blue	255	
18	Blue Fine	255	Fine byte of Blue
19	Color Add RY	0	
20	Color Add RY Fine	0	Fine byte of Color Add RY
21	Color Add GY	0	
22	Color Add GY Fine	0	Fine byte of Color Add GY
23	Red	255	
24	Red Fine	255	Fine byte of Red
25	Green	255	
26	Green Fine	255	Fine byte of Green
27	Blue	255	
28	Blue Fine	255	Fine byte of Blue

33Ch Mode (continued)

Ch	Function	Default	DMX values
29	Color Add RY	0	
30	Color Add RY Fine	0	Fine byte of Color Add RY
31	Color Add GY	0	
32	Color Add GY Fine	0	Fine byte of Color Add GY
33	Shutter / Strobe	0	0–10 Open - Shutter Open 11–255 Strobe S > F - Strobe