Vari-Lite

Aurora Strip 12



Manufacturer	**Vari-Lite**
Type	**Cyc light**
DMX modes	**7**
DMX footprint	**4, 12, 17, 39, 53, 111, 149 channels**
Beam angle	**19.8°**
Heads / cells	**13**
Size (W × H × D)	**922 × 110 × 230 mm**
GDTF fixture type	**CB3E3C01-E3CB-11EA-ABC8-52…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions

DMX modes

SQCC Mode 1 Zone	4 ch
SSCC Mode	12 ch
SOCC Mode	17 ch
SSCC Mode 4 Cell	39 ch
SOCC Mode 4 Cell	53 ch
SSCC Mode 12 Cell	111 ch
SOCC Mode 12 Cell	149 ch

SQCC Mode 1 Zone

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom

SSCC Mode

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom

SSCC Mode (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire Recal - Reset 11–15 Fixture Shutdown - Custom 16–20 Reserved - Custom 21–25 Display-Menu On - Custom 26–30 Display-Menu Off - Custom 31–35 Tungsten Dimming On - Custom 36–40 Tungsten Dimming Off - Custom 41–45 Dimming Curve Linear - Dimmer 46–50 Dimming Curve S-Curve - Dimmer 51–55 Dimming Curve Square Law - Dimmer 56–60 Reserved - Custom 61–65 Dimmer Snap On - Speed 66–70 Dimmer Snap Off - Speed 71–90 Reserved - Custom 91–95 Color Calibration On - Reset 96–100 Color Callbration Off - Custom 101–150 No Func - Custom 151–155 Record Color Preset - Custom 156–170 Reserved - Custom 171–175 Reset Fixture To Default - Reset 176–255 Reserved - Custom
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	C TC	175	0–24 1800K - CTC 25–49 2700K - CTC 50–74 3000K - CTC 75–99 3200K - CTC 100–124 4000K - CTC 125–149 4500K - CTC 150–174 5000K - CTC 175–199 5600K - CTC 200–224 6500K - CTC 225–249 8000K - CTC 250–250 10000K - CTC 251–255 Reserved - Custom

SOCC Mode

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random

SOCC Mode (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom

SOCC Mode (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire Recal - Reset 11–15 Fixture Shutdown - Custom 16–20 Reserved - Custom 21–25 Display-Menu On - Custom 26–30 Display-Menu Off - Custom 31–35 Tungsten Dimming On - Custom 36–40 Tungsten Dimming Off - Custom 41–45 Dimming Curve Linear - Dimmer 46–50 Dimming Curve S-Curve - Dimmer 51–55 Dimming Curve Square Law - Dimmer 56–60 Reserved - Custom 61–65 Dimmer Snap On - Speed 66–70 Dimmer Snap Off - Speed 71–90 Reserved - Custom 91–95 Color Calibration On - Reset 96–100 Color Callbration Off - Custom 101–150 No Func - Custom 151–155 Record Color Preset - Custom 156–170 Reserved - Custom 171–175 Reset Fixture To Default - Reset 176–255 Reserved - Custom
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	Color Add RY	0	
13	Color Add RY Fine	0	Fine byte of Color Add RY
14	Color Add GY	0	
15	Color Add GY Fine	0	Fine byte of Color Add GY
16	Color Add C	0	
17	Color Add C Fine	0	Fine byte of Color Add C

SSCC Mode 4 Cell

39 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random

SSCC Mode 4 Cell (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom

SSCC Mode 4 Cell (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire Recal - Reset 11–15 Fixture Shutdown - Custom 16–20 Reserved - Custom 21–25 Display-Menu On - Custom 26–30 Display-Menu Off - Custom 31–35 Tungsten Dimming On - Custom 36–40 Tungsten Dimming Off - Custom 41–45 Dimming Curve Linear - Dimmer 46–50 Dimming Curve S-Curve - Dimmer 51–55 Dimming Curve Square Law - Dimmer 56–60 Reserved - Custom 61–65 Dimmer Snap On - Speed 66–70 Dimmer Snap Off - Speed 71–90 Reserved - Custom 91–95 Color Calibration On - Reset 96–100 Color Callbration Off - Custom 101–150 No Func - Custom 151–155 Record Color Preset - Custom 156–170 Reserved - Custom 171–175 Reset Fixture To Default - Reset 176–255 Reserved - Custom
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	Magenta	0	
11	Magenta Fine	0	Fine byte of Magenta
12	C TC	175	0–24 1800K - CTC 25–49 2700K - CTC 50–74 3000K - CTC 75–99 3200K - CTC 100–124 4000K - CTC 125–149 4500K - CTC 150–174 5000K - CTC 175–199 5600K - CTC 200–224 6500K - CTC 225–249 8000K - CTC 250–250 10000K - CTC 251–255 Reserved - Custom
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Cyan	0	
16	Cyan Fine	0	Fine byte of Cyan
17	Yellow	0	
18	Yellow Fine	0	Fine byte of Yellow
19	Magenta	0	
20	Magenta Fine	0	Fine byte of Magenta

SSCC Mode 4 Cell (continued)

Ch	Function	Default	DMX values
21	C TC	175	0–24 1800K - CTC 25–49 2700K - CTC 50–74 3000K - CTC 75–99 3200K - CTC 100–124 4000K - CTC 125–149 4500K - CTC 150–174 5000K - CTC 175–199 5600K - CTC 200–224 6500K - CTC 225–249 8000K - CTC 250–250 10000K - CTC 251–255 Reserved - Custom
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer
24	Cyan	0	
25	Cyan Fine	0	Fine byte of Cyan
26	Yellow	0	
27	Yellow Fine	0	Fine byte of Yellow
28	Magenta	0	
29	Magenta Fine	0	Fine byte of Magenta
30	C TC	175	0–24 1800K - CTC 25–49 2700K - CTC 50–74 3000K - CTC 75–99 3200K - CTC 100–124 4000K - CTC 125–149 4500K - CTC 150–174 5000K - CTC 175–199 5600K - CTC 200–224 6500K - CTC 225–249 8000K - CTC 250–250 10000K - CTC 251–255 Reserved - Custom
31	Dimmer	0	
32	Dimmer Fine	0	Fine byte of Dimmer
33	Cyan	0	
34	Cyan Fine	0	Fine byte of Cyan
35	Yellow	0	
36	Yellow Fine	0	Fine byte of Yellow
37	Magenta	0	
38	Magenta Fine	0	Fine byte of Magenta
39	C TC	175	0–24 1800K - CTC 25–49 2700K - CTC 50–74 3000K - CTC 75–99 3200K - CTC 100–124 4000K - CTC 125–149 4500K - CTC 150–174 5000K - CTC 175–199 5600K - CTC 200–224 6500K - CTC 225–249 8000K - CTC 250–250 10000K - CTC 251–255 Reserved - Custom

SOCC Mode 4 Cell

53 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom

SOCC Mode 4 Cell (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–5 Idle - Custom 6–10 Full Luminaire Recal - Reset 11–15 Fixture Shutdown - Custom 16–20 Reserved - Custom 21–25 Display-Menu On - Custom 26–30 Display-Menu Off - Custom 31–35 Tungsten Dimming On - Custom 36–40 Tungsten Dimming Off - Custom 41–45 Dimming Curve Linear - Dimmer 46–50 Dimming Curve S-Curve - Dimmer 51–55 Dimming Curve Square Law - Dimmer 56–60 Reserved - Custom 61–65 Dimmer Snap On - Speed 66–70 Dimmer Snap Off - Speed 71–90 Reserved - Custom 91–95 Color Calibration On - Reset 96–100 Color Callbration Off - Custom 101–150 No Func - Custom 151–155 Record Color Preset - Custom 156–170 Reserved - Custom 171–175 Reset Fixture To Default - Reset 176–255 Reserved - Custom
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	
11	Blue Fine	255	Fine byte of Blue
12	Color Add RY	0	
13	Color Add RY Fine	0	Fine byte of Color Add RY
14	Color Add GY	0	
15	Color Add GY Fine	0	Fine byte of Color Add GY
16	Color Add C	0	
17	Color Add C Fine	0	Fine byte of Color Add C
18	Red	255	
19	Red Fine	255	Fine byte of Red
20	Green	255	
21	Green Fine	255	Fine byte of Green
22	Blue	255	
23	Blue Fine	255	Fine byte of Blue
24	Color Add RY	0	
25	Color Add RY Fine	0	Fine byte of Color Add RY
26	Color Add GY	0	
27	Color Add GY Fine	0	Fine byte of Color Add GY
28	Color Add C	0	
29	Color Add C Fine	0	Fine byte of Color Add C
30	Red	255	
31	Red Fine	255	Fine byte of Red
32	Green	255	
33	Green Fine	255	Fine byte of Green
34	Blue	255	

SOCC Mode 4 Cell (continued)

Ch	Function	Default	DMX values
35	Blue Fine	255	Fine byte of Blue
36	Color Add RY	0	
37	Color Add RY Fine	0	Fine byte of Color Add RY
38	Color Add GY	0	
39	Color Add GY Fine	0	Fine byte of Color Add GY
40	Color Add C	0	
41	Color Add C Fine	0	Fine byte of Color Add C
42	Red	255	
43	Red Fine	255	Fine byte of Red
44	Green	255	
45	Green Fine	255	Fine byte of Green
46	Blue	255	
47	Blue Fine	255	Fine byte of Blue
48	Color Add RY	0	
49	Color Add RY Fine	0	Fine byte of Color Add RY
50	Color Add GY	0	
51	Color Add GY Fine	0	Fine byte of Color Add GY
52	Color Add C	0	
53	Color Add C Fine	0	Fine byte of Color Add C

SSCC Mode 12 Cell

111 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random

SSCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom
5	Control1	0	
6	Cyan	0	
7	Cyan Fine	0	Fine byte of Cyan
8	Yellow	0	
9	Yellow Fine	0	Fine byte of Yellow
10	Magenta	0	

SSCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
11	Magenta Fine	0	Fine byte of Magenta
12	C TC	175	
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Cyan	0	
16	Cyan Fine	0	Fine byte of Cyan
17	Yellow	0	
18	Yellow Fine	0	Fine byte of Yellow
19	Magenta	0	
20	Magenta Fine	0	Fine byte of Magenta
21	C TC	175	
22	Dimmer	0	
23	Dimmer Fine	0	Fine byte of Dimmer
24	Cyan	0	
25	Cyan Fine	0	Fine byte of Cyan
26	Yellow	0	
27	Yellow Fine	0	Fine byte of Yellow
28	Magenta	0	
29	Magenta Fine	0	Fine byte of Magenta
30	C TC	175	
31	Dimmer	0	
32	Dimmer Fine	0	Fine byte of Dimmer
33	Cyan	0	
34	Cyan Fine	0	Fine byte of Cyan
35	Yellow	0	
36	Yellow Fine	0	Fine byte of Yellow
37	Magenta	0	
38	Magenta Fine	0	Fine byte of Magenta
39	C TC	175	
40	Dimmer	0	
41	Dimmer Fine	0	Fine byte of Dimmer
42	Cyan	0	
43	Cyan Fine	0	Fine byte of Cyan
44	Yellow	0	
45	Yellow Fine	0	Fine byte of Yellow
46	Magenta	0	
47	Magenta Fine	0	Fine byte of Magenta
48	C TC	175	
49	Dimmer	0	
50	Dimmer Fine	0	Fine byte of Dimmer
51	Cyan	0	
52	Cyan Fine	0	Fine byte of Cyan
53	Yellow	0	
54	Yellow Fine	0	Fine byte of Yellow
55	Magenta	0	

SSCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
56	Magenta Fine	0	Fine byte of Magenta
57	C TC	175	
58	Dimmer	0	
59	Dimmer Fine	0	Fine byte of Dimmer
60	Cyan	0	
61	Cyan Fine	0	Fine byte of Cyan
62	Yellow	0	
63	Yellow Fine	0	Fine byte of Yellow
64	Magenta	0	
65	Magenta Fine	0	Fine byte of Magenta
66	C TC	175	
67	Dimmer	0	
68	Dimmer Fine	0	Fine byte of Dimmer
69	Cyan	0	
70	Cyan Fine	0	Fine byte of Cyan
71	Yellow	0	
72	Yellow Fine	0	Fine byte of Yellow
73	Magenta	0	
74	Magenta Fine	0	Fine byte of Magenta
75	C TC	175	
76	Dimmer	0	
77	Dimmer Fine	0	Fine byte of Dimmer
78	Cyan	0	
79	Cyan Fine	0	Fine byte of Cyan
80	Yellow	0	
81	Yellow Fine	0	Fine byte of Yellow
82	Magenta	0	
83	Magenta Fine	0	Fine byte of Magenta
84	C TC	175	
85	Dimmer	0	
86	Dimmer Fine	0	Fine byte of Dimmer
87	Cyan	0	
88	Cyan Fine	0	Fine byte of Cyan
89	Yellow	0	
90	Yellow Fine	0	Fine byte of Yellow
91	Magenta	0	
92	Magenta Fine	0	Fine byte of Magenta
93	C TC	175	
94	Dimmer	0	
95	Dimmer Fine	0	Fine byte of Dimmer
96	Cyan	0	
97	Cyan Fine	0	Fine byte of Cyan
98	Yellow	0	
99	Yellow Fine	0	Fine byte of Yellow
100	Magenta	0	

SSCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
101	Magenta Fine	0	Fine byte of Magenta
102	C TC	175	
103	Dimmer	0	
104	Dimmer Fine	0	Fine byte of Dimmer
105	Cyan	0	
106	Cyan Fine	0	Fine byte of Cyan
107	Yellow	0	
108	Yellow Fine	0	Fine byte of Yellow
109	Magenta	0	
110	Magenta Fine	0	Fine byte of Magenta
111	C TC	175	

SOCC Mode 12 Cell

149 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–9 Open - Shutter Open 10–99 Strobe S > F - Strobe 100–109 Open - Shutter Open 110–179 Lighting Strobe S > F - Strobe 180–189 Open - Shutter Open 190–255 Strobe Random S > F - Strobe Random

SOCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–10 Color Off - Custom 11–14 Moroccan Pink - Color (wheel slot 1) 15–18 Pink - Color (wheel slot 2) 19–22 Flesh Pink - Color (wheel slot 3) 23–26 Bright Rose - Color (wheel slot 4) 27–30 Follies Pink - Color (wheel slot 5) 31–34 Fuchsia Pink - Color (wheel slot 6) 35–38 Surprise Pink - Color (wheel slot 7) 39–42 Congo Blue - Color (wheel slot 8) 43–46 Blue - Color (wheel slot 9) 47–50 Virgin Blue - Color (wheel slot 10) 51–54 Midnight Maya - Color (wheel slot 11) 55–58 Double C T Blue - Color (wheel slot 12) 59–62 Slate Blue - Color (wheel slot 13) 63–66 Regal Blue - Color (wheel slot 14) 67–70 Full C T Blue - Color (wheel slot 15) 71–74 Steel Blue - Color (wheel slot 16) 75–78 Lighter Blue - Color (wheel slot 17) 79–82 Cyan - Color (wheel slot 18) 83–86 Marine Blue - Color (wheel slot 19) 87–90 Soft Green - Color (wheel slot 20) 91–94 Moss Green - Color (wheel slot 21) 95–98 Green - Color (wheel slot 22) 99–102 Fem Green - Color (wheel slot 23) 103–106 JAS Green - Color (wheel slot 24) 107–110 Pale Green - Color (wheel slot 25) 111–114 Spring Yellow - Color (wheel slot 26) 115–118 Yellow - Color (wheel slot 27) 119–122 Deep Amber - Color (wheel slot 28) 123–126 Chrome Orange - Color (wheel slot 29) 127–130 Orange - Color (wheel slot 30) 131–134 Magenta - Color (wheel slot 31) 135–138 Flame Red - Color (wheel slot 32) 139–142 Purple - Color (wheel slot 33) 143–146 User Preset 1 - Macro 147–150 User Preset 2 - Macro 151–154 User Preset 3 - Macro 155–158 User Preset 4 - Macro 159–162 User Preset 5 - Macro 163–166 User Preset 6 - Macro 167–170 User Preset 7 - Macro 171–174 User Preset 8 - Macro 175–178 User Preset 9 - Macro 179–182 User Preset 10 - Macro 183–186 User Preset 11 - Macro 187–190 User Preset 12 - Macro 191–194 User Preset 13 - Macro 195–198 User Preset 14 - Macro 199–202 User Preset 15 - Macro 203–206 User Preset 16 - Macro 207–210 User Preset 17 - Macro 211–218 User Preset 18 - Macro 219–222 User Preset 20 - Macro 223–255 Channel Off - Custom
5	Control1	0	
6	Red	255	
7	Red Fine	255	Fine byte of Red
8	Green	255	
9	Green Fine	255	Fine byte of Green
10	Blue	255	

SOCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
11	Blue Fine	255	Fine byte of Blue
12	Color Add RY	0	
13	Color Add RY Fine	0	Fine byte of Color Add RY
14	Color Add GY	0	
15	Color Add GY Fine	0	Fine byte of Color Add GY
16	Color Add C	0	
17	Color Add C Fine	0	Fine byte of Color Add C
18	Red	255	
19	Red Fine	255	Fine byte of Red
20	Green	255	
21	Green Fine	255	Fine byte of Green
22	Blue	255	
23	Blue Fine	255	Fine byte of Blue
24	Color Add RY	0	
25	Color Add RY Fine	0	Fine byte of Color Add RY
26	Color Add GY	0	
27	Color Add GY Fine	0	Fine byte of Color Add GY
28	Color Add C	0	
29	Color Add C Fine	0	Fine byte of Color Add C
30	Red	255	
31	Red Fine	255	Fine byte of Red
32	Green	255	
33	Green Fine	255	Fine byte of Green
34	Blue	255	
35	Blue Fine	255	Fine byte of Blue
36	Color Add RY	0	
37	Color Add RY Fine	0	Fine byte of Color Add RY
38	Color Add GY	0	
39	Color Add GY Fine	0	Fine byte of Color Add GY
40	Color Add C	0	
41	Color Add C Fine	0	Fine byte of Color Add C
42	Red	255	
43	Red Fine	255	Fine byte of Red
44	Green	255	
45	Green Fine	255	Fine byte of Green
46	Blue	255	
47	Blue Fine	255	Fine byte of Blue
48	Color Add RY	0	
49	Color Add RY Fine	0	Fine byte of Color Add RY
50	Color Add GY	0	
51	Color Add GY Fine	0	Fine byte of Color Add GY
52	Color Add C	0	
53	Color Add C Fine	0	Fine byte of Color Add C
54	Red	255	
55	Red Fine	255	Fine byte of Red

SOCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
56	Green	255	
57	Green Fine	255	Fine byte of Green
58	Blue	255	
59	Blue Fine	255	Fine byte of Blue
60	Color Add RY	0	
61	Color Add RY Fine	0	Fine byte of Color Add RY
62	Color Add GY	0	
63	Color Add GY Fine	0	Fine byte of Color Add GY
64	Color Add C	0	
65	Color Add C Fine	0	Fine byte of Color Add C
66	Red	255	
67	Red Fine	255	Fine byte of Red
68	Green	255	
69	Green Fine	255	Fine byte of Green
70	Blue	255	
71	Blue Fine	255	Fine byte of Blue
72	Color Add RY	0	
73	Color Add RY Fine	0	Fine byte of Color Add RY
74	Color Add GY	0	
75	Color Add GY Fine	0	Fine byte of Color Add GY
76	Color Add C	0	
77	Color Add C Fine	0	Fine byte of Color Add C
78	Red	255	
79	Red Fine	255	Fine byte of Red
80	Green	255	
81	Green Fine	255	Fine byte of Green
82	Blue	255	
83	Blue Fine	255	Fine byte of Blue
84	Color Add RY	0	
85	Color Add RY Fine	0	Fine byte of Color Add RY
86	Color Add GY	0	
87	Color Add GY Fine	0	Fine byte of Color Add GY
88	Color Add C	0	
89	Color Add C Fine	0	Fine byte of Color Add C
90	Red	255	
91	Red Fine	255	Fine byte of Red
92	Green	255	
93	Green Fine	255	Fine byte of Green
94	Blue	255	
95	Blue Fine	255	Fine byte of Blue
96	Color Add RY	0	
97	Color Add RY Fine	0	Fine byte of Color Add RY
98	Color Add GY	0	
99	Color Add GY Fine	0	Fine byte of Color Add GY
100	Color Add C	0	

SOCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
101	Color Add C Fine	0	Fine byte of Color Add C
102	Red	255	
103	Red Fine	255	Fine byte of Red
104	Green	255	
105	Green Fine	255	Fine byte of Green
106	Blue	255	
107	Blue Fine	255	Fine byte of Blue
108	Color Add RY	0	
109	Color Add RY Fine	0	Fine byte of Color Add RY
110	Color Add GY	0	
111	Color Add GY Fine	0	Fine byte of Color Add GY
112	Color Add C	0	
113	Color Add C Fine	0	Fine byte of Color Add C
114	Red	255	
115	Red Fine	255	Fine byte of Red
116	Green	255	
117	Green Fine	255	Fine byte of Green
118	Blue	255	
119	Blue Fine	255	Fine byte of Blue
120	Color Add RY	0	
121	Color Add RY Fine	0	Fine byte of Color Add RY
122	Color Add GY	0	
123	Color Add GY Fine	0	Fine byte of Color Add GY
124	Color Add C	0	
125	Color Add C Fine	0	Fine byte of Color Add C
126	Red	255	
127	Red Fine	255	Fine byte of Red
128	Green	255	
129	Green Fine	255	Fine byte of Green
130	Blue	255	
131	Blue Fine	255	Fine byte of Blue
132	Color Add RY	0	
133	Color Add RY Fine	0	Fine byte of Color Add RY
134	Color Add GY	0	
135	Color Add GY Fine	0	Fine byte of Color Add GY
136	Color Add C	0	
137	Color Add C Fine	0	Fine byte of Color Add C
138	Red	255	
139	Red Fine	255	Fine byte of Red
140	Green	255	
141	Green Fine	255	Fine byte of Green
142	Blue	255	
143	Blue Fine	255	Fine byte of Blue
144	Color Add RY	0	
145	Color Add RY Fine	0	Fine byte of Color Add RY

SOCC Mode 12 Cell (continued)

Ch	Function	Default	DMX values
146	Color Add GY	0	
147	Color Add GY Fine	0	Fine byte of Color Add GY
148	Color Add C	0	
149	Color Add C Fine	0	Fine byte of Color Add C