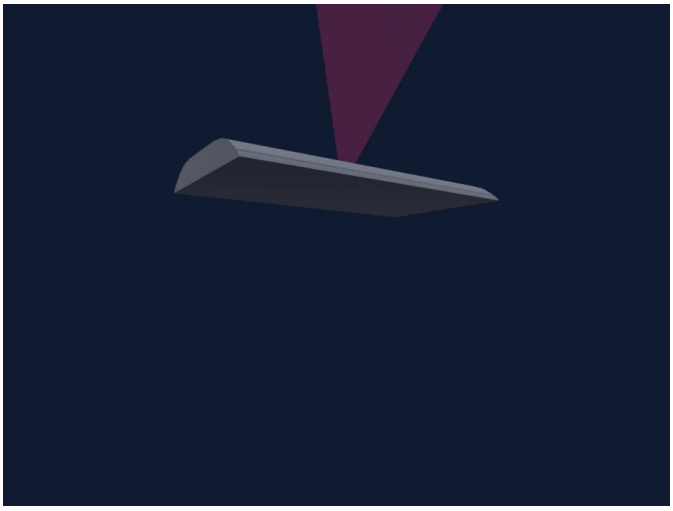
Robe Lighting

Robin Footsie1 MC



Manufacturer	**Robe Lighting**
Type	**PAR**
DMX modes	**3**
DMX footprint	**5, 28, 35 channels**
Beam angle	**20-55°**
Heads / cells	**9**
Size (W × H × D)	**629 × 50 × 343 mm**
GDTF fixture type	**1A7CB3F2-C37A-480E-A6D1-E9…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Mode 1 Simple	5 ch
Mode 2 Standard 16 bit	28 ch
Mode 3 Standard 16 bit + PIP	35 ch

Mode 1 Simple

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add RY	255	
5	Dimmer	0	0–254 Closed 255–255 Open

Mode 2 Standard 16 bit

28 channels

Ch	Function	Default	DMX values
1	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–24 RGBW colour mixing mode 25–29 CMY colour mixing mode 30–34 White point 8000K On 35–39 White point 8000K Off 40–59 No function 1 60–64 Dimmer curve Square law 65–69 Dimmer curve Linear 70–129 No function 2 130–134 Save current DMX values 135–139 Show saved DMX values 140–144 Reset DMX to default 145–149 Positional light ON 150–154 Positional light OFF 155–169 NoFeature 1 170–171 Tungsten effect simulation 750W 172–173 Tungsten effect simulation 1000W 174–175 Tungsten effect simulation 1200W 176–177 Tungsten effect simulation 2000W 178–179 Tungsten effect simulation 2500W 180–181 Tungsten effect simulation Off 182–255 No function 4
2	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
3	L EDFrequency Adjust	128	

Mode 2 Standard 16 bit (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–0 No function (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 25 (Sunset Red) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 36 (Medium Pink) (wheel slot 8) 15–16 Filter 89 (Moss Green) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 49 (Medium Purple) (wheel slot 12) 23–24 Filter 52 (Light Lavender) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 140 (Summer Blue) (wheel slot 16) 31–32 Filter 124 (Dark Green) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 126 (Mauve) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 122 (Fern Green) (wheel slot 24) 47–48 Filter 182 (Light Red) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 798 (Chrysalis Pink) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 143 (Pale Navy Blue) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 194 (Surprise Pink) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 219 (Fluorescent Green) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 2 Standard 16 bit (continued)

Ch	Function	Default	DMX values
5	Red	0	
6	Red Fine	0	Fine byte of Red
7	Green	0	
8	Green Fine	0	Fine byte of Green
9	Blue	0	
10	Blue Fine	0	Fine byte of Blue
11	Color Add RY	0	
12	Color Add RY Fine	0	Fine byte of Color Add RY
13	C TO	0	0–63 8000K 64–127 5600K 128–191 4200K 192–254 3200K 255–255 2700K
14	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
15	Color Mix Mode	0	0–9 Virtual colours (Virtual has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Virtual and Colour mix) 40–49 Addition mode (Virtual + Colour mix) 50–59 Subtraction mode (Virtual - Colour mix) 60–69 Inverted Subtraction mode (Colour mix - Virtual) 70–79 White Point Off 80–128 Reserved 129–129 Crossfade Virtual only 130–254 Crossfade between Virtual and Colour mix 255–255 Crossfade Color mix only
16	Color Mix Mode Zones	45	0–9 Global Colours (global has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Global and Pixel) 40–49 Addition mode (Global + Pixel) 50–59 Subtraction mode (Global - Pixel) 60–69 Inverted Subtraction mode (Pixel - Global) 70–127 Reserved 128–128 Global colours only (Global has priority) 129–254 Crossfade between Global and Pixel 255–255 Zone colours (Pixel has priority)
17	Dimmer	0	0–127 Closed 128–128 Open 129–129 Pulsing Slow 130–149 Pulsing Slow to Fast 150–150 Pulsing Fast 151–255 NoFeature

Mode 2 Standard 16 bit (continued)

Ch	Function	Default	DMX values
18	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–94 Strobe min 95–95 Strobe max 96–127 Shutter open 128–142 Opening pulse slow 143–143 Opening pulse fast 144–158 Closing pulse fast 159–159 Closing pulse slow 160–191 Shutter open 192–222 Random strobe slow 223–223 Random strobe fast 224–255 Shutter open
19	Dimmer	0	0–254 Closed 255–255 Open
20	Dimmer Fine	0	Fine byte of Dimmer
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add RY	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Color Add RY	255	

Mode 3 Standard 16 bit + PIP

35 channels

Ch	Function	Default	DMX values
1	Control1	0	0–9 No function 10–14 Wired DMX 15–19 Wireless DMX 20–24 RGBW colour mixing mode 25–29 CMY colour mixing mode 30–34 White point 8000K On 35–39 White point 8000K Off 40–59 No function 1 60–64 Dimmer curve Square law 65–69 Dimmer curve Linear 70–129 No function 2 130–134 Save current DMX values 135–139 Show saved DMX values 140–144 Reset DMX to default 145–149 Positional light ON 150–154 Positional light OFF 155–169 NoFeature 1 170–171 Tungsten effect simulation 750W 172–173 Tungsten effect simulation 1000W 174–175 Tungsten effect simulation 1200W 176–177 Tungsten effect simulation 2000W 178–179 Tungsten effect simulation 2500W 180–181 Tungsten effect simulation Off 182–255 No function 4

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
2	L EDFrequency	10	0–4 PWM frequency from Display menu 5–9 300 Hz 10–14 600 Hz 15–19 1200 Hz 20–24 2400 Hz 25–29 High 30–255 NoFeature
3	L EDFrequency Adjust	128	

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
4	Color Wheel	0	0–0 No function (wheel slot 1) 1–2 Filter 4 (Medium Bastard Amber) (wheel slot 2) 3–4 Filter 25 (Sunset Red) (wheel slot 3) 5–6 Filter 19 (Fire) (wheel slot 4) 7–8 Filter 26 (Bright Red) (wheel slot 5) 9–10 Filter 58 (Lavender) (wheel slot 6) 11–12 Filter 68 (Sky Blue) (wheel slot 7) 13–14 Filter 36 (Medium Pink) (wheel slot 8) 15–16 Filter 89 (Moss Green) (wheel slot 9) 17–18 Filter 88 (Lime Green) (wheel slot 10) 19–20 Filter 90 (Dark Yellow Green) (wheel slot 11) 21–22 Filter 49 (Medium Purple) (wheel slot 12) 23–24 Filter 52 (Light Lavender) (wheel slot 13) 25–26 Filter 102 (Light Amber) (wheel slot 14) 27–28 Filter 103 (Straw) (wheel slot 15) 29–30 Filter 140 (Summer Blue) (wheel slot 16) 31–32 Filter 124 (Dark Green) (wheel slot 17) 33–34 Filter 106 (Primary Red) (wheel slot 18) 35–36 Filter 111 (Dark Pink) (wheel slot 19) 37–38 Filter 115 (Peacock Blue) (wheel slot 20) 39–40 Filter 126 (Mauve) (wheel slot 21) 41–42 Filter 117 (Steel Blue) (wheel slot 22) 43–44 Filter 118 (Light Blue) (wheel slot 23) 45–46 Filter 122 (Fern Green) (wheel slot 24) 47–48 Filter 182 (Light Red) (wheel slot 25) 49–50 Filter 121 (Filter Green) (wheel slot 26) 51–52 Filter 128 (Bright Pink) (wheel slot 27) 53–54 Filter 131 (Marine Blue) (wheel slot 28) 55–56 Filter 132 (Medium Blue) (wheel slot 29) 57–58 Filter 134 (Golden Amber) (wheel slot 30) 59–60 Filter 135 (Deep Golden Amber) (wheel slot 31) 61–62 Filter 136 (Pale Lavender) (wheel slot 32) 63–64 Filter 137 (Special Lavender) (wheel slot 33) 65–66 Filter 138 (Pale Green) (wheel slot 34) 67–68 Filter 798 (Chrysalis Pink) (wheel slot 35) 69–70 Filter 141 (Bright Blue) (wheel slot 36) 71–72 Filter 147 (Apricot) (wheel slot 37) 73–74 Filter 148 (Bright Rose) (wheel slot 38) 75–76 Filter 152 (Pale Gold) (wheel slot 39) 77–78 Filter 154 (Pale Rose) (wheel slot 40) 79–80 Filter 157 (Pink) (wheel slot 41) 81–82 Filter 143 (Pale Navy Blue) (wheel slot 42) 83–84 Filter 162 (Bastard Amber) (wheel slot 43) 85–86 Filter 164 (Flame Red) (wheel slot 44) 87–88 Filter 165 (Daylight Blue) (wheel slot 45) 89–90 Filter 169 (Lilac Tint) (wheel slot 46) 91–92 Filter 170 (Deep Lavender) (wheel slot 47) 93–94 Filter 172 (Lagoon Blue) (wheel slot 48) 95–96 Filter 194 (Surprise Pink) (wheel slot 49) 97–98 Filter 180 (Dark Lavender) (wheel slot 50) 99–100 Filter 181 (Congo Blue) (wheel slot 51) 101–102 Filter 197 (Alice Blue) (wheel slot 52) 103–104 Filter 201 (Full CT Blue) (wheel slot 53) 105–106 Filter 202 (Half CT Blue) (wheel slot 54) 107–108 Filter 203 (Quarter CT Blue) (wheel slot 55) 109–110 Filter 204 (Full CT Orange) (wheel slot 56) 111–112 Filter 219 (Fluorescent Green) (wheel slot 57) 113–114 Filter 206 (Quarter CT Orange) (wheel slot 58) 115–116 Filter 247 (Filter Minus Green) (wheel slot 59) 117–118 Filter 248 (Half Minus Green) (wheel slot 60) 119–120 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 121–122 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 123–124 Filter 352 (Glacier Blue) (wheel slot 63) 125–126 Filter 353 (Lighter Blue) (wheel slot 64)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
5	Red	0	
6	Red Fine	0	Fine byte of Red
7	Green	0	
8	Green Fine	0	Fine byte of Green
9	Blue	0	
10	Blue Fine	0	Fine byte of Blue
11	Color Add RY	0	
12	Color Add RY Fine	0	Fine byte of Color Add RY
13	C TO	0	0–63 8000K 64–127 5600K 128–191 4200K 192–254 3200K 255–255 2700K
14	Tint	128	0–0 Uncorrected white 1–127 Minus green - > Uncorrected white 128–128 Uncorrected white 129–255 Uncorrected white - > Plus green
15	Color Mix Mode	0	0–9 Virtual colours (Virtual has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Virtual and Colour mix) 40–49 Addition mode (Virtual + Colour mix) 50–59 Subtraction mode (Virtual - Colour mix) 60–69 Inverted Subtraction mode (Colour mix - Virtual) 70–79 White Point Off 80–128 Reserved 129–129 Crossfade Virtual only 130–254 Crossfade between Virtual and Colour mix 255–255 Crossfade Color mix only
16	Color Mix Mode Zones	45	0–9 Global Colours (global has priority) 10–19 Maximum mode (highest values have priority) 20–29 Minimum mode (lowest values have priority) 30–39 Multiply mode (multiply Global and Pixel) 40–49 Addition mode (Global + Pixel) 50–59 Subtraction mode (Global - Pixel) 60–69 Inverted Subtraction mode (Pixel - Global) 70–127 Reserved 128–128 Global colours only (Global has priority) 129–254 Crossfade between Global and Pixel 255–255 Zone colours (Pixel has priority)
17	Dimmer	0	0–127 Closed 128–128 Open 129–129 Pulsing Slow 130–149 Pulsing Slow to Fast 150–150 Pulsing Fast 151–255 NoFeature 1

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
18	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–94 Strobe min 95–95 Strobe max 96–127 Shutter open 128–142 Opening pulse slow 143–143 Opening pulse fast 144–158 Closing pulse fast 159–159 Closing pulse slow 160–191 Shutter open 192–222 Random strobe slow 223–223 Random strobe fast 224–255 Shutter open
19	Dimmer	0	0–254 Closed 255–255 Open
20	Dimmer Fine	0	Fine byte of Dimmer
21	Red	255	
22	Green	255	
23	Blue	255	
24	Color Add RY	255	
25	Red	255	
26	Green	255	
27	Blue	255	
28	Color Add RY	255	

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
29	Color Wheel 2	0	0–14 No function (wheel slot 1) 15–15 Blue (wheel slot 16) 16–16 Blue + Green >> (wheel slot 17) 17–17 Blue + Green >> 1 (wheel slot 18) 18–18 Blue + Green >> 2 (wheel slot 19) 19–19 Blue + Green >> 3 (wheel slot 20) 20–20 Blue + Green >> 4 (wheel slot 21) 21–21 Blue + Green >> 5 (wheel slot 22) 22–22 Blue + Green >> 6 (wheel slot 23) 23–23 Blue + Green >> 7 (wheel slot 24) 24–24 Blue + Green >> 8 (wheel slot 25) 25–25 Blue + Green >> 9 (wheel slot 26) 26–26 Blue + Green >> 10 (wheel slot 27) 27–27 Blue + Green >> 11 (wheel slot 28) 28–28 Blue + Green >> 12 (wheel slot 29) 29–29 Blue + Green >> 13 (wheel slot 30) 30–30 Blue + Green >> 14 (wheel slot 31) 31–31 Blue + Green >> 15 (wheel slot 32) 32–32 Blue + Green >> 16 (wheel slot 33) 33–33 Blue + Green >> 17 (wheel slot 34) 34–34 Blue + Green >> 18 (wheel slot 35) 35–35 Blue + Green >> 19 (wheel slot 36) 36–36 Blue + Green >> 20 (wheel slot 37) 37–37 Blue + Green >> 21 (wheel slot 38) 38–38 Blue + Green >> 22 (wheel slot 39) 39–39 Blue + Green >> 23 (wheel slot 40) 40–40 Blue + Green >> 24 (wheel slot 41) 41–41 Blue + Green >> 25 (wheel slot 42) 42–42 Blue + Green >> 26 (wheel slot 43) 43–43 Blue + Green >> 27 (wheel slot 44) 44–44 Blue + Green >> 28 (wheel slot 45) 45–45 Blue + Green >> 29 (wheel slot 46) 46–46 Blue + Green >> 30 (wheel slot 47) 47–47 Blue + Green >> 31 (wheel slot 48) 48–48 Blue + Green >> 32 (wheel slot 49) 49–49 Blue + Green >> 33 (wheel slot 50) 50–50 Blue + Green >> 34 (wheel slot 51) 51–51 Blue + Green >> 35 (wheel slot 52) 52–52 Blue + Green >> 36 (wheel slot 53) 53–53 Blue + Green >> 37 (wheel slot 54) 54–54 Blue + Green >> 38 (wheel slot 55) 55–55 Light Blue (wheel slot 56) 56–56 Green + Blue << (wheel slot 57) 57–57 Green + Blue << 1 (wheel slot 58) 58–58 Green + Blue << 2 (wheel slot 59) 59–59 Green + Blue << 3 (wheel slot 60) 60–60 Green + Blue << 4 (wheel slot 61) 61–61 Green + Blue << 5 (wheel slot 62) 62–62 Green + Blue << 6 (wheel slot 63) 63–63 Green + Blue << 7 (wheel slot 64) 64–64 Green + Blue << 8 (wheel slot 65) 65–65 Green + Blue << 9 (wheel slot 66) 66–66 Green + Blue << 10 (wheel slot 67) 67–67 Green + Blue << 11 (wheel slot 68) 68–68 Green + Blue << 12 (wheel slot 69) 69–69 Green + Blue << 13 (wheel slot 70) 70–70 Green + Blue << 14 (wheel slot 71) 71–71 Green + Blue << 15 (wheel slot 72) 72–72 Green + Blue << 16 (wheel slot 73) 73–73 Green + Blue << 17 (wheel slot 74) 74–74 Green + Blue << 18 (wheel slot 75) 75–75 Green + Blue << 19 (wheel slot 76) 76–76 Green + Blue << 20 (wheel slot 77) 77–77 Green + Blue << 21 (wheel slot 78)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
30	Color Wheel 2	0	0–14 No function (wheel slot 1) 15–15 Blue (wheel slot 16) 16–16 Blue + Green >> (wheel slot 17) 17–17 Blue + Green >> 1 (wheel slot 18) 18–18 Blue + Green >> 2 (wheel slot 19) 19–19 Blue + Green >> 3 (wheel slot 20) 20–20 Blue + Green >> 4 (wheel slot 21) 21–21 Blue + Green >> 5 (wheel slot 22) 22–22 Blue + Green >> 6 (wheel slot 23) 23–23 Blue + Green >> 7 (wheel slot 24) 24–24 Blue + Green >> 8 (wheel slot 25) 25–25 Blue + Green >> 9 (wheel slot 26) 26–26 Blue + Green >> 10 (wheel slot 27) 27–27 Blue + Green >> 11 (wheel slot 28) 28–28 Blue + Green >> 12 (wheel slot 29) 29–29 Blue + Green >> 13 (wheel slot 30) 30–30 Blue + Green >> 14 (wheel slot 31) 31–31 Blue + Green >> 15 (wheel slot 32) 32–32 Blue + Green >> 16 (wheel slot 33) 33–33 Blue + Green >> 17 (wheel slot 34) 34–34 Blue + Green >> 18 (wheel slot 35) 35–35 Blue + Green >> 19 (wheel slot 36) 36–36 Blue + Green >> 20 (wheel slot 37) 37–37 Blue + Green >> 21 (wheel slot 38) 38–38 Blue + Green >> 22 (wheel slot 39) 39–39 Blue + Green >> 23 (wheel slot 40) 40–40 Blue + Green >> 24 (wheel slot 41) 41–41 Blue + Green >> 25 (wheel slot 42) 42–42 Blue + Green >> 26 (wheel slot 43) 43–43 Blue + Green >> 27 (wheel slot 44) 44–44 Blue + Green >> 28 (wheel slot 45) 45–45 Blue + Green >> 29 (wheel slot 46) 46–46 Blue + Green >> 30 (wheel slot 47) 47–47 Blue + Green >> 31 (wheel slot 48) 48–48 Blue + Green >> 32 (wheel slot 49) 49–49 Blue + Green >> 33 (wheel slot 50) 50–50 Blue + Green >> 34 (wheel slot 51) 51–51 Blue + Green >> 35 (wheel slot 52) 52–52 Blue + Green >> 36 (wheel slot 53) 53–53 Blue + Green >> 37 (wheel slot 54) 54–54 Blue + Green >> 38 (wheel slot 55) 55–55 Light Blue (wheel slot 56) 56–56 Green + Blue << (wheel slot 57) 57–57 Green + Blue << 1 (wheel slot 58) 58–58 Green + Blue << 2 (wheel slot 59) 59–59 Green + Blue << 3 (wheel slot 60) 60–60 Green + Blue << 4 (wheel slot 61) 61–61 Green + Blue << 5 (wheel slot 62) 62–62 Green + Blue << 6 (wheel slot 63) 63–63 Green + Blue << 7 (wheel slot 64) 64–64 Green + Blue << 8 (wheel slot 65) 65–65 Green + Blue << 9 (wheel slot 66) 66–66 Green + Blue << 10 (wheel slot 67) 67–67 Green + Blue << 11 (wheel slot 68) 68–68 Green + Blue << 12 (wheel slot 69) 69–69 Green + Blue << 13 (wheel slot 70) 70–70 Green + Blue << 14 (wheel slot 71) 71–71 Green + Blue << 15 (wheel slot 72) 72–72 Green + Blue << 16 (wheel slot 73) 73–73 Green + Blue << 17 (wheel slot 74) 74–74 Green + Blue << 18 (wheel slot 75) 75–75 Green + Blue << 19 (wheel slot 76) 76–76 Green + Blue << 20 (wheel slot 77) 77–77 Green + Blue << 21 (wheel slot 78)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
31	Color Wheel 2	0	0–14 No function (wheel slot 1) 15–15 Blue (wheel slot 16) 16–16 Blue + Green >> (wheel slot 17) 17–17 Blue + Green >> 1 (wheel slot 18) 18–18 Blue + Green >> 2 (wheel slot 19) 19–19 Blue + Green >> 3 (wheel slot 20) 20–20 Blue + Green >> 4 (wheel slot 21) 21–21 Blue + Green >> 5 (wheel slot 22) 22–22 Blue + Green >> 6 (wheel slot 23) 23–23 Blue + Green >> 7 (wheel slot 24) 24–24 Blue + Green >> 8 (wheel slot 25) 25–25 Blue + Green >> 9 (wheel slot 26) 26–26 Blue + Green >> 10 (wheel slot 27) 27–27 Blue + Green >> 11 (wheel slot 28) 28–28 Blue + Green >> 12 (wheel slot 29) 29–29 Blue + Green >> 13 (wheel slot 30) 30–30 Blue + Green >> 14 (wheel slot 31) 31–31 Blue + Green >> 15 (wheel slot 32) 32–32 Blue + Green >> 16 (wheel slot 33) 33–33 Blue + Green >> 17 (wheel slot 34) 34–34 Blue + Green >> 18 (wheel slot 35) 35–35 Blue + Green >> 19 (wheel slot 36) 36–36 Blue + Green >> 20 (wheel slot 37) 37–37 Blue + Green >> 21 (wheel slot 38) 38–38 Blue + Green >> 22 (wheel slot 39) 39–39 Blue + Green >> 23 (wheel slot 40) 40–40 Blue + Green >> 24 (wheel slot 41) 41–41 Blue + Green >> 25 (wheel slot 42) 42–42 Blue + Green >> 26 (wheel slot 43) 43–43 Blue + Green >> 27 (wheel slot 44) 44–44 Blue + Green >> 28 (wheel slot 45) 45–45 Blue + Green >> 29 (wheel slot 46) 46–46 Blue + Green >> 30 (wheel slot 47) 47–47 Blue + Green >> 31 (wheel slot 48) 48–48 Blue + Green >> 32 (wheel slot 49) 49–49 Blue + Green >> 33 (wheel slot 50) 50–50 Blue + Green >> 34 (wheel slot 51) 51–51 Blue + Green >> 35 (wheel slot 52) 52–52 Blue + Green >> 36 (wheel slot 53) 53–53 Blue + Green >> 37 (wheel slot 54) 54–54 Blue + Green >> 38 (wheel slot 55) 55–55 Light Blue (wheel slot 56) 56–56 Green + Blue << (wheel slot 57) 57–57 Green + Blue << 1 (wheel slot 58) 58–58 Green + Blue << 2 (wheel slot 59) 59–59 Green + Blue << 3 (wheel slot 60) 60–60 Green + Blue << 4 (wheel slot 61) 61–61 Green + Blue << 5 (wheel slot 62) 62–62 Green + Blue << 6 (wheel slot 63) 63–63 Green + Blue << 7 (wheel slot 64) 64–64 Green + Blue << 8 (wheel slot 65) 65–65 Green + Blue << 9 (wheel slot 66) 66–66 Green + Blue << 10 (wheel slot 67) 67–67 Green + Blue << 11 (wheel slot 68) 68–68 Green + Blue << 12 (wheel slot 69) 69–69 Green + Blue << 13 (wheel slot 70) 70–70 Green + Blue << 14 (wheel slot 71) 71–71 Green + Blue << 15 (wheel slot 72) 72–72 Green + Blue << 16 (wheel slot 73) 73–73 Green + Blue << 17 (wheel slot 74) 74–74 Green + Blue << 18 (wheel slot 75) 75–75 Green + Blue << 19 (wheel slot 76) 76–76 Green + Blue << 20 (wheel slot 77) 77–77 Green + Blue << 21 (wheel slot 78)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
32	Color Wheel 2	0	0–14 No function (wheel slot 1) 15–15 Blue (wheel slot 16) 16–16 Blue + Green >> (wheel slot 17) 17–17 Blue + Green >> 1 (wheel slot 18) 18–18 Blue + Green >> 2 (wheel slot 19) 19–19 Blue + Green >> 3 (wheel slot 20) 20–20 Blue + Green >> 4 (wheel slot 21) 21–21 Blue + Green >> 5 (wheel slot 22) 22–22 Blue + Green >> 6 (wheel slot 23) 23–23 Blue + Green >> 7 (wheel slot 24) 24–24 Blue + Green >> 8 (wheel slot 25) 25–25 Blue + Green >> 9 (wheel slot 26) 26–26 Blue + Green >> 10 (wheel slot 27) 27–27 Blue + Green >> 11 (wheel slot 28) 28–28 Blue + Green >> 12 (wheel slot 29) 29–29 Blue + Green >> 13 (wheel slot 30) 30–30 Blue + Green >> 14 (wheel slot 31) 31–31 Blue + Green >> 15 (wheel slot 32) 32–32 Blue + Green >> 16 (wheel slot 33) 33–33 Blue + Green >> 17 (wheel slot 34) 34–34 Blue + Green >> 18 (wheel slot 35) 35–35 Blue + Green >> 19 (wheel slot 36) 36–36 Blue + Green >> 20 (wheel slot 37) 37–37 Blue + Green >> 21 (wheel slot 38) 38–38 Blue + Green >> 22 (wheel slot 39) 39–39 Blue + Green >> 23 (wheel slot 40) 40–40 Blue + Green >> 24 (wheel slot 41) 41–41 Blue + Green >> 25 (wheel slot 42) 42–42 Blue + Green >> 26 (wheel slot 43) 43–43 Blue + Green >> 27 (wheel slot 44) 44–44 Blue + Green >> 28 (wheel slot 45) 45–45 Blue + Green >> 29 (wheel slot 46) 46–46 Blue + Green >> 30 (wheel slot 47) 47–47 Blue + Green >> 31 (wheel slot 48) 48–48 Blue + Green >> 32 (wheel slot 49) 49–49 Blue + Green >> 33 (wheel slot 50) 50–50 Blue + Green >> 34 (wheel slot 51) 51–51 Blue + Green >> 35 (wheel slot 52) 52–52 Blue + Green >> 36 (wheel slot 53) 53–53 Blue + Green >> 37 (wheel slot 54) 54–54 Blue + Green >> 38 (wheel slot 55) 55–55 Light Blue (wheel slot 56) 56–56 Green + Blue << (wheel slot 57) 57–57 Green + Blue << 1 (wheel slot 58) 58–58 Green + Blue << 2 (wheel slot 59) 59–59 Green + Blue << 3 (wheel slot 60) 60–60 Green + Blue << 4 (wheel slot 61) 61–61 Green + Blue << 5 (wheel slot 62) 62–62 Green + Blue << 6 (wheel slot 63) 63–63 Green + Blue << 7 (wheel slot 64) 64–64 Green + Blue << 8 (wheel slot 65) 65–65 Green + Blue << 9 (wheel slot 66) 66–66 Green + Blue << 10 (wheel slot 67) 67–67 Green + Blue << 11 (wheel slot 68) 68–68 Green + Blue << 12 (wheel slot 69) 69–69 Green + Blue << 13 (wheel slot 70) 70–70 Green + Blue << 14 (wheel slot 71) 71–71 Green + Blue << 15 (wheel slot 72) 72–72 Green + Blue << 16 (wheel slot 73) 73–73 Green + Blue << 17 (wheel slot 74) 74–74 Green + Blue << 18 (wheel slot 75) 75–75 Green + Blue << 19 (wheel slot 76) 76–76 Green + Blue << 20 (wheel slot 77) 77–77 Green + Blue << 21 (wheel slot 78)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
33	Color Wheel 2	0	0–14 No function (wheel slot 1) 15–15 Blue (wheel slot 16) 16–16 Blue + Green >> (wheel slot 17) 17–17 Blue + Green >> 1 (wheel slot 18) 18–18 Blue + Green >> 2 (wheel slot 19) 19–19 Blue + Green >> 3 (wheel slot 20) 20–20 Blue + Green >> 4 (wheel slot 21) 21–21 Blue + Green >> 5 (wheel slot 22) 22–22 Blue + Green >> 6 (wheel slot 23) 23–23 Blue + Green >> 7 (wheel slot 24) 24–24 Blue + Green >> 8 (wheel slot 25) 25–25 Blue + Green >> 9 (wheel slot 26) 26–26 Blue + Green >> 10 (wheel slot 27) 27–27 Blue + Green >> 11 (wheel slot 28) 28–28 Blue + Green >> 12 (wheel slot 29) 29–29 Blue + Green >> 13 (wheel slot 30) 30–30 Blue + Green >> 14 (wheel slot 31) 31–31 Blue + Green >> 15 (wheel slot 32) 32–32 Blue + Green >> 16 (wheel slot 33) 33–33 Blue + Green >> 17 (wheel slot 34) 34–34 Blue + Green >> 18 (wheel slot 35) 35–35 Blue + Green >> 19 (wheel slot 36) 36–36 Blue + Green >> 20 (wheel slot 37) 37–37 Blue + Green >> 21 (wheel slot 38) 38–38 Blue + Green >> 22 (wheel slot 39) 39–39 Blue + Green >> 23 (wheel slot 40) 40–40 Blue + Green >> 24 (wheel slot 41) 41–41 Blue + Green >> 25 (wheel slot 42) 42–42 Blue + Green >> 26 (wheel slot 43) 43–43 Blue + Green >> 27 (wheel slot 44) 44–44 Blue + Green >> 28 (wheel slot 45) 45–45 Blue + Green >> 29 (wheel slot 46) 46–46 Blue + Green >> 30 (wheel slot 47) 47–47 Blue + Green >> 31 (wheel slot 48) 48–48 Blue + Green >> 32 (wheel slot 49) 49–49 Blue + Green >> 33 (wheel slot 50) 50–50 Blue + Green >> 34 (wheel slot 51) 51–51 Blue + Green >> 35 (wheel slot 52) 52–52 Blue + Green >> 36 (wheel slot 53) 53–53 Blue + Green >> 37 (wheel slot 54) 54–54 Blue + Green >> 38 (wheel slot 55) 55–55 Light Blue (wheel slot 56) 56–56 Green + Blue << (wheel slot 57) 57–57 Green + Blue << 1 (wheel slot 58) 58–58 Green + Blue << 2 (wheel slot 59) 59–59 Green + Blue << 3 (wheel slot 60) 60–60 Green + Blue << 4 (wheel slot 61) 61–61 Green + Blue << 5 (wheel slot 62) 62–62 Green + Blue << 6 (wheel slot 63) 63–63 Green + Blue << 7 (wheel slot 64) 64–64 Green + Blue << 8 (wheel slot 65) 65–65 Green + Blue << 9 (wheel slot 66) 66–66 Green + Blue << 10 (wheel slot 67) 67–67 Green + Blue << 11 (wheel slot 68) 68–68 Green + Blue << 12 (wheel slot 69) 69–69 Green + Blue << 13 (wheel slot 70) 70–70 Green + Blue << 14 (wheel slot 71) 71–71 Green + Blue << 15 (wheel slot 72) 72–72 Green + Blue << 16 (wheel slot 73) 73–73 Green + Blue << 17 (wheel slot 74) 74–74 Green + Blue << 18 (wheel slot 75) 75–75 Green + Blue << 19 (wheel slot 76) 76–76 Green + Blue << 20 (wheel slot 77) 77–77 Green + Blue << 21 (wheel slot 78)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
34	Color Wheel 2	0	0–14 No function (wheel slot 1) 15–15 Blue (wheel slot 16) 16–16 Blue + Green >> (wheel slot 17) 17–17 Blue + Green >> 1 (wheel slot 18) 18–18 Blue + Green >> 2 (wheel slot 19) 19–19 Blue + Green >> 3 (wheel slot 20) 20–20 Blue + Green >> 4 (wheel slot 21) 21–21 Blue + Green >> 5 (wheel slot 22) 22–22 Blue + Green >> 6 (wheel slot 23) 23–23 Blue + Green >> 7 (wheel slot 24) 24–24 Blue + Green >> 8 (wheel slot 25) 25–25 Blue + Green >> 9 (wheel slot 26) 26–26 Blue + Green >> 10 (wheel slot 27) 27–27 Blue + Green >> 11 (wheel slot 28) 28–28 Blue + Green >> 12 (wheel slot 29) 29–29 Blue + Green >> 13 (wheel slot 30) 30–30 Blue + Green >> 14 (wheel slot 31) 31–31 Blue + Green >> 15 (wheel slot 32) 32–32 Blue + Green >> 16 (wheel slot 33) 33–33 Blue + Green >> 17 (wheel slot 34) 34–34 Blue + Green >> 18 (wheel slot 35) 35–35 Blue + Green >> 19 (wheel slot 36) 36–36 Blue + Green >> 20 (wheel slot 37) 37–37 Blue + Green >> 21 (wheel slot 38) 38–38 Blue + Green >> 22 (wheel slot 39) 39–39 Blue + Green >> 23 (wheel slot 40) 40–40 Blue + Green >> 24 (wheel slot 41) 41–41 Blue + Green >> 25 (wheel slot 42) 42–42 Blue + Green >> 26 (wheel slot 43) 43–43 Blue + Green >> 27 (wheel slot 44) 44–44 Blue + Green >> 28 (wheel slot 45) 45–45 Blue + Green >> 29 (wheel slot 46) 46–46 Blue + Green >> 30 (wheel slot 47) 47–47 Blue + Green >> 31 (wheel slot 48) 48–48 Blue + Green >> 32 (wheel slot 49) 49–49 Blue + Green >> 33 (wheel slot 50) 50–50 Blue + Green >> 34 (wheel slot 51) 51–51 Blue + Green >> 35 (wheel slot 52) 52–52 Blue + Green >> 36 (wheel slot 53) 53–53 Blue + Green >> 37 (wheel slot 54) 54–54 Blue + Green >> 38 (wheel slot 55) 55–55 Light Blue (wheel slot 56) 56–56 Green + Blue << (wheel slot 57) 57–57 Green + Blue << 1 (wheel slot 58) 58–58 Green + Blue << 2 (wheel slot 59) 59–59 Green + Blue << 3 (wheel slot 60) 60–60 Green + Blue << 4 (wheel slot 61) 61–61 Green + Blue << 5 (wheel slot 62) 62–62 Green + Blue << 6 (wheel slot 63) 63–63 Green + Blue << 7 (wheel slot 64) 64–64 Green + Blue << 8 (wheel slot 65) 65–65 Green + Blue << 9 (wheel slot 66) 66–66 Green + Blue << 10 (wheel slot 67) 67–67 Green + Blue << 11 (wheel slot 68) 68–68 Green + Blue << 12 (wheel slot 69) 69–69 Green + Blue << 13 (wheel slot 70) 70–70 Green + Blue << 14 (wheel slot 71) 71–71 Green + Blue << 15 (wheel slot 72) 72–72 Green + Blue << 16 (wheel slot 73) 73–73 Green + Blue << 17 (wheel slot 74) 74–74 Green + Blue << 18 (wheel slot 75) 75–75 Green + Blue << 19 (wheel slot 76) 76–76 Green + Blue << 20 (wheel slot 77) 77–77 Green + Blue << 21 (wheel slot 78)

Mode 3 Standard 16 bit + PIP (continued)

Ch	Function	Default	DMX values
35	Dimmer	128	0–127 Closed 128–128 Open 129–129 Pulsing Slow 130–149 Pulsing Slow to Fast 150–150 Pulsing Fast 151–255 NoFeature