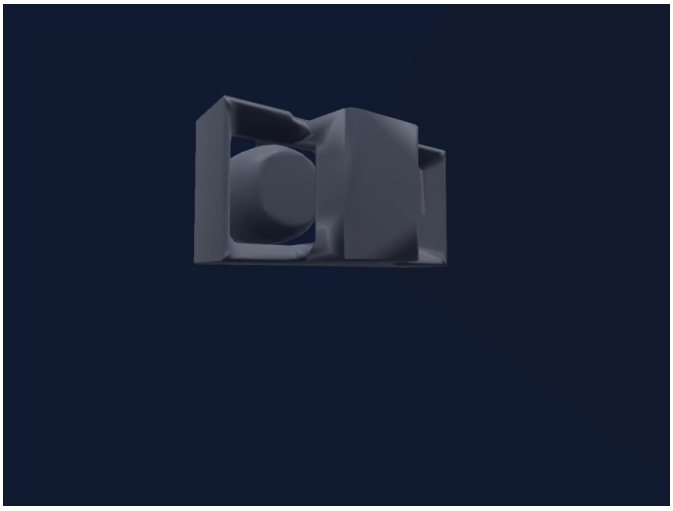
OGSON fixtures

ROXX CLUSTER B2-FC



Manufacturer	**OGSON fixtures**
Type	**Effect light**
DMX modes	**17**
DMX footprint	**1, 2, 4, 6, 9, 10, 12, 13, 14, 17, 22, 24, 28, 33, 41 channels**
Beam angle	**50°**
Heads / cells	**2**
Size (W × H × D)	**400 × 200 × 192 mm**
GDTF fixture type	**F1FBE399-1449-42EC-BECE-381…**

Controls

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

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

1CH DWE	1 ch
2CH DWE	2 ch
4CH DWE	4 ch
6CH RGB	6 ch
6CH Strobe	6 ch
9CH DWE+	9 ch
10CH Basic RGB	10 ch
10CH Direct	10 ch
12CH Direct	12 ch
13CH Standard RGB	13 ch
14CH Basic RGB	14 ch
17CH Direct	17 ch
22CH Standard RGB	22 ch
24CH Extended RGB	24 ch
28CH Direct	28 ch
33CH Extended RGB	33 ch
41CH Direct	41 ch

1CH DWE

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	

2CH DWE

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer	0	

4CH DWE

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Curve	0	0–51 Default 52–101 Linear Dimmer Curve 102–152 Exponential Dimmer Curve 153–203 Logarithmic Dimmer Curve 204–255 S-Curve Dimmer Curve
3	Blackout Mode	0	0–63 Default 64–127 LED / fast 128–191 Medium 192–255 Halogen / slow
4	Dimmer Mode	0	0–84 Default 85–170 Redshift OFF 171–255 Redshift ON

6CH RGB

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Red	0	
5	Green	0	
6	Blue	0	

6CH Strobe

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

6CH Strobe (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Strobe Duration	0	0–254 0% 255–255 100%
4	Dimmer	255	
5	Dimmer	255	
6	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K

9CH DWE+

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

9CH DWE+ (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–4 2900K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
7	Dimmer Curve	0	0–51 Default 52–101 Linear Dimmer Curve 102–152 Exponential Dimmer Curve 153–203 Logarithmic Dimmer Curve 204–255 S-Curve Dimmer Curve
8	Blackout Mode	0	0–63 Default 64–127 LED / fast 128–191 Medium 192–255 Halogen / slow
9	Dimmer Mode	0	0–84 Default 85–170 Redshift OFF 171–255 Redshift ON

10CH Basic RGB

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
7	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
8	Color Macro1	0	
9	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

10CH Basic RGB (continued)

Ch	Function	Default	DMX values
10	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 Full Calibration (hold 3s) 130–139 CCT Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

10CH Direct

10 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add RY	0	
5	Color Add WW	0	
6	Red	0	
7	Green	0	
8	Blue	0	
9	Color Add RY	0	
10	Color Add WW	0	

12CH Direct

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

12CH Direct (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add RY	255	
7	Color Add WW	255	
8	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
9	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
10	Color Macro1	0	
11	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

12CH Direct (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 RAW (hold 3s) 130–139 User Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

13CH Standard RGB

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

13CH Standard RGB (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Dimmer	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Dimmer	255	
8	Red	255	
9	Green	255	
10	Blue	255	
11	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
12	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green

13CH Standard RGB (continued)

Ch	Function	Default	DMX values
13	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 Full Calibration (hold 3s) 130–139 CCT Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

14CH Basic RGB

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

14CH Basic RGB (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
11	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
12	Color Macro1	0	
13	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

14CH Basic RGB (continued)

Ch	Function	Default	DMX values
14	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 Full Calibration (hold 3s) 130–139 CCT Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

17CH Direct

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

17CH Direct (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Dimmer	255	
4	Red	255	
5	Green	255	
6	Blue	255	
7	Color Add RY	255	
8	Color Add WW	255	
9	Dimmer	255	
10	Red	255	
11	Green	255	
12	Blue	255	
13	Color Add RY	255	
14	Color Add WW	255	
15	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K

17CH Direct (continued)

Ch	Function	Default	DMX values
16	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
17	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 RAW hold 3s) 130–139 User Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

22CH Standard RGB

22 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

22CH Standard RGB (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
4	Dimmer	255	
5	Dimmer Fine	255	Fine byte of Dimmer
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	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	

22CH Standard RGB (continued)

Ch	Function	Default	DMX values
20	C TC	0	0–4 5600 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
21	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
22	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 Full Calibration (hold 3s) 130–139 CCT Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

24CH Extended RGB

24 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

24CH Extended RGB (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Strobe Duration	0	0–254 0% 255–255 100%
4	Dimmer	255	
5	Red	255	
6	Green	255	
7	Blue	255	
8	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
9	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
10	Color Macro1	0	
11	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
12	Reserved 12	0	

24CH Extended RGB (continued)

Ch	Function	Default	DMX values
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Effect	0	0–15 No FX 16–38 Slow 39–39 Fast 40–62 Slow 63–63 Fast 64–86 Slow 87–87 Fast 88–110 Slow 111–111 Fast 112–134 Slow 135–135 Fast 136–158 Slow 159–159 Fast 160–182 Slow 183–183 Fast 184–206 Slow 207–207 Fast 208–230 Slow 231–231 Fast 232–254 Slow 255–255 Fast
21	Dimmer Curve	0	0–51 Default 52–101 Linear Dimmer Curve 102–152 Exponential Dimmer Curve 153–203 Logarithmic Dimmer Curve 204–255 S-Curve Dimmer Curve
22	Blackout Mode	0	0–63 Default 64–127 LED / fast 128–191 Medium 192–255 Halogen / slow
23	Dimmer Mode	0	0–84 Default 85–170 Redshift OFF 171–255 Redshift ON

24CH Extended RGB (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 Full Calibration (hold 3s) 130–139 CCT Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

28CH Direct

28 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

28CH Direct (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
3	Strobe Duration	0	0–254 0% 255–255 100%
4	Dimmer	255	
5	Red	255	
6	Green	255	
7	Blue	255	
8	Color Add RY	255	
9	Color Add WW	255	
10	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
11	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
12	Color Macro1	0	

28CH Direct (continued)

Ch	Function	Default	DMX values
13	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
14	Dimmer	255	
15	Red	255	
16	Green	255	
17	Blue	255	
18	Color Add RY	255	
19	Color Add WW	255	
20	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
21	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
22	Color Macro1	0	
23	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
24	Effect	0	0–15 No FX 16–38 Slow 39–39 Fast 40–62 Slow 63–63 Fast 64–86 Slow 87–87 Fast 88–110 Slow 111–111 Fast 112–134 Slow 135–135 Fast 136–158 Slow 159–159 Fast 160–182 Slow 183–183 Fast 184–206 Slow 207–207 Fast 208–230 Slow 231–231 Fast 232–254 Slow 255–255 Fast
25	Dimmer Curve	0	0–51 Default 52–101 Linear Dimmer Curve 102–152 Exponential Dimmer Curve 153–203 Logarithmic Dimmer Curve 204–255 S-Curve Dimmer Curve

28CH Direct (continued)

Ch	Function	Default	DMX values
26	Blackout Mode	0	0–63 Default 64–127 LED / fast 128–191 Medium 192–255 Halogen / slow
27	Dimmer Mode	0	0–84 Default 85–170 Redshift OFF 171–255 Redshift ON
28	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 RAW (hold 3s) 130–139 User Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

33CH Extended RGB

33 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

33CH Extended RGB (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
4	Strobe Duration	0	0–254 0% 255–255 100%
5	Dimmer	255	
6	Dimmer Fine	255	Fine byte of Dimmer
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
14	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
15	Color Macro1	0	

33CH Extended RGB (continued)

Ch	Function	Default	DMX values
16	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
17	Dimmer	255	
18	Dimmer Fine	255	Fine byte of Dimmer
19	Red	255	
20	Red Fine	255	Fine byte of Red
21	Green	255	
22	Green Fine	255	Fine byte of Green
23	Blue	255	
24	Blue Fine	255	Fine byte of Blue
25	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
26	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
27	Color Macro1	0	
28	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
29	Effect	0	0–15 No FX 16–38 Slow 39–39 Fast 40–62 Slow 63–63 Fast 64–86 Slow 87–87 Fast 88–110 Slow 111–111 Fast 112–134 Slow 135–135 Fast 136–158 Slow 159–159 Fast 160–182 Slow 183–183 Fast 184–206 Slow 207–207 Fast 208–230 Slow 231–231 Fast 232–254 Slow 255–255 Fast

33CH Extended RGB (continued)

Ch	Function	Default	DMX values
30	Dimmer Curve	0	0–51 Default 52–101 Linear Dimmer Curve 102–152 Exponential Dimmer Curve 153–203 Logarithmic Dimmer Curve 204–255 S-Curve Dimmer Curve
31	Blackout Mode	0	0–63 Default 64–127 LED / fast 128–191 Medium 192–255 Halogen / slow
32	Dimmer Mode	0	0–84 Default 85–170 Redshift OFF 171–255 Redshift ON
33	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 Full Calibration (hold 3s) 130–139 CCT Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)

41CH Direct

41 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

41CH Direct (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	20	0–19 Close 20–24 Open 25–63 Strobe · Fast 9–1.13 Hz 64–64 Strobe · Slow 0.925 Hz 65–69 Open 1 70–83 Pulse Opening · Fast 3.5–0.854 Hz 84–84 Pulse Opening · Slow 0.65 Hz 85–89 Open 2 90–103 Pulse Closing · Fast 3.5–0.854 Hz 104–104 Pulse Closing · Slow 0.65 Hz 105–109 Open 3 110–123 Random Strobe · Fast 9–1.5 Hz 124–124 Random Strobe · Slow 0.925 Hz 125–129 Open 4 130–143 Random Pulse Opening · Fast 3.5–0.854 Hz 144–144 Random Pulse Opening · Slow 0.65 Hz 145–149 Open 5 150–163 Random Pulse Closing · Fast 3.5–0.854 Hz 164–164 Random Pulse Closing · Slow 0.65 Hz 165–169 Open 6 170–183 Fast 184–184 Slow 185–189 Open 7 190–203 Fast 204–204 Slow 205–209 Open 8 210–223 Fast 224–224 Slow 225–229 Open 9 230–243 Fast 244–244 Slow 245–255 Open 10
4	Strobe Duration	0	0–254 0% 255–255 100%
5	Dimmer	255	
6	Dimmer Fine	255	Fine byte of Dimmer
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue
13	Color Add RY	255	
14	Color Add RY Fine	255	Fine byte of Color Add RY
15	Color Add WW	255	
16	Color Add WW Fine	255	Fine byte of Color Add WW
17	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K

41CH Direct (continued)

Ch	Function	Default	DMX values
18	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
19	Color Macro1	0	
20	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)
21	Dimmer	255	
22	Dimmer Fine	255	Fine byte of Dimmer
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
29	Color Add RY	255	
30	Color Add RY Fine	255	Fine byte of Color Add RY
31	Color Add WW	255	
32	Color Add WW Fine	255	Fine byte of Color Add WW
33	C TC	0	0–4 5600K 5–5 2000K 6–63 2020-3180K 64–64 3200K 65–102 3220-3975K 103–103 4000K 104–181 4020-5580K 182–182 5600K 183–225 5625 - 6480K 226–226 6500K 227–255 6620-10000K
34	Tint	128	0–0 No Function 1–127 Magenta->Neutral 128–128 Neutral 129–255 Neutral->Green
35	Color Macro1	0	
36	Color Macro1Rate	0	6–105 01s - 10s (01s steps) 106–214 11s - 119s (1s steps) 215–244 2m - 4m50s (10s steps) 245–255 5m - 15m (1m steps)

41CH Direct (continued)

Ch	Function	Default	DMX values
37	Effect	0	0–15 No FX 16–38 Slow 39–39 Fast 40–62 Slow 63–63 Fast 64–86 Slow 87–87 Fast 88–110 Slow 111–111 Fast 112–134 Slow 135–135 Fast 136–158 Slow 159–159 Fast 160–182 Slow 183–183 Fast 184–206 Slow 207–207 Fast 208–230 Slow 231–231 Fast 232–254 Slow 255–255 Fast
38	Dimmer Curve	0	0–51 Default 52–101 Linear Dimmer Curve 102–152 Exponential Dimmer Curve 153–203 Logarithmic Dimmer Curve 204–255 S-Curve Dimmer Curve
39	Blackout Mode	0	0–63 Default 64–127 LED / fast 128–191 Medium 192–255 Halogen / slow
40	Dimmer Mode	0	0–84 Default 85–170 Redshift OFF 171–255 Redshift ON

41CH Direct (continued)

Ch	Function	Default	DMX values
41	Control1	0	0–29 No Function 30–34 Display ON (hold 3s) 35–44 Display OFF (hold 3s) 45–49 DMX Fail Blackout (hold 3s) 50–54 DMX Fail Hold (hold 3s) 55–64 DMX Fail Emergency Light (hold 3s) 65–69 Linear Dimmer Curve (Hold 1;5s) 70–74 Exponential Dimmer Curve (Hold 1;5s) 75–79 Logarithmic Dimmer Curve (Hold 1;5s) 80–89 S-Curve Dimmer Curve (Hold 1;5s) 90–94 LED Dimmer Response (hold1;5s) 95–99 Medium Dimmer Response (hold1;5s) 100–109 Halogen Dimmer Response (hold1;5s) 110–114 Redshift On (hold 1;5s) 115–124 Redshift Off (hold1;5s) 125–129 RAW (hold 3s) 130–139 User Calibration (hold 3s) 140–144 800Hz (hold 3s) 145–149 1200Hz (hold 3s) 150–154 2000Hz (hold 3s) 155–159 3600Hz (hold 3s) 160–164 12kHz (hold 3s) 165–174 25kHz (hold 3s) 175–179 Fan Auto (hold 3s) 180–184 Fan Silent (hold 3s) 185–189 Fan Off (hold 3s) 190–199 Fan High Power (hold 3s) 200–204 Invert Map OFF (hold 3s) 205–214 Invert Map ON (hold 3s) 215–219 Illumination Mode (hold 1;5s) 220–229 Boost Mode (hold 1;5s) 230–234 Factory Reset (hold 3s) 235–255 User Reset (hold 3s)