Prolights

MuseFresnel70CTPlus



Manufacturer	**Prolights**
Type	**Profile spot**
DMX modes	**5**
DMX footprint	**35, 40, 41, 46 channels**
Beam angle	**5-60°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**308 × 512 × 262 mm**
GDTF fixture type	**667BE4F6-B0FB-4D88-A6D3-B3…**

Controls

Focus · Frost · Iris · Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt

Safety-relevant functions

Strobe

DMX modes

Basic_CTC	35 ch
Advanced_xy	40 ch
Standard_CMY	41 ch
Standard_RGB	41 ch
RAW	46 ch

Basic_CTC

35 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	C TC	86	0–254 2200K 255–255 15000K
9	C TC Fine	0	Fine byte of C TC
10	Tint	127	0–1 Neutral 2–3 FullMinus 4–126 MinusGreen 127–128 Neutral 129–253 PlusGreen 254–255 FullPlus
11	C RIMode	0	0–1 LedMode as Menu 2–3 High Output - Lower CRI 4–253 Linearly increase CRI 254–255 Lower Output - High CRI
12	Gel Category	0	0–9 NoFeature 10–19 LEE Color Correction 20–29 LEE Color Filters 30–39 LEE 600 Series 40–49 LEE Cosmetic Filters 50–59 LEE 700 Series 60–69 Rosco Color Correction 70–79 Rosco CalColor 80–89 Rosco Storaro Selection 90–99 Rosco Cinelux 100–109 Blackout 110–255 NoFeature
13	Gel Selector	0	

Basic_CTC (continued)

Ch	Function	Default	DMX values
14	Color Wheel	0	0–0 Open (wheel slot 1) 1–25 Open + Dark Red (wheel slot 1) 26–26 Dark Red (wheel slot 2) 27–51 Dark Red + Dark Green (wheel slot 2) 52–52 Dark Green (wheel slot 3) 53–77 Dark Green + Dark Blue (wheel slot 3) 78–78 Dark Blue (wheel slot 4) 79–103 Dark Blue + Dark Magenta (wheel slot 4) 104–104 Dark Magenta (wheel slot 5) 105–129 Dark Magenta + Congo Blue (wheel slot 5) 130–130 Congo Blue (wheel slot 6) 131–155 Congo Blue + Open (wheel slot 6) 156–165 Open (wheel slot 1) 166–171 Dark Red (wheel slot 2) 172–177 Dark Green (wheel slot 3) 178–183 Dark Blue (wheel slot 4) 184–189 Dark Magenta (wheel slot 5) 190–199 Congo Blue (wheel slot 6) 200–200 Fast 201–223 Fast2Slow 224–224 Slow 225–230 Stop 231–231 Slow 232–254 SLow2Fast 255–255 Fast
15	Beam Shaper	0	0–29 Open (wheel slot 1) 30–59 Indexing (wheel slot 2) 60–89 Rotation (wheel slot 2) 90–255 Reserved
16	Beam Shaper Pos	128	0–0 No rotation (wheel slot 2) 1–127 Min (wheel slot 2) 128–128 Center (wheel slot 2) 129–255 Max (wheel slot 2)
17	Frost1	0	0–254 Open 255–255 Light Frost max
18	Iris	0	0–0 Iris Open 1–126 Large 127–127 Small 128–129 Iris Close 130–153 Fast 154–178 Slow 179–179 Fast 180–203 Slow 204–204 Fast 205–228 Slow 229–229 Fast 230–255 NoFeature
19	Iris Fine	0	Fine byte of Iris
20	Zoom	128	0–254 Narrow 255–255 Wide
21	Zoom Fine	0	Fine byte of Zoom
22	Focus	128	0–126 Min 127–254 Mid 255–255 Max
23	Blade1A	0	0–254 Out 255–255 In
24	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25

Basic_CTC (continued)

Ch	Function	Default	DMX values
25	Blade2A	0	0–254 Out 255–255 In
26	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
27	Blade3A	0	0–254 Out 255–255 In
28	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
29	Blade4A	0	0–254 Out 255–255 In
30	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
31	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right
32	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
33	Shaper Macros Speed	0	0–254 Slow 255–255 Fast

Basic_CTC (continued)

Ch	Function	Default	DMX values
34	L EDFrequency	0	0–7 No function (PWM from menu) 8–127 Adjustment -20% to 0% 128–135 PWM from menu 136–255 Adjustment 0% to +20%
35	Control1	0	

Advanced_xy

40 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	C IEX	93	
9	C IEX Fine	2	Fine byte of C IEX
10	C IEY	93	
11	C IEY Fine	2	Fine byte of C IEY
12	C TCXY	255	0–254 CCT 255–255 XY
13	C TC	86	0–254 2200K 255–255 15000K
14	C TC Fine	0	Fine byte of C TC
15	Tint	127	0–1 Neutral 2–3 FullMinus 4–126 MinusGreen 127–128 Neutral 129–253 PlusGreen 254–255 FullPlus
16	C RIMode	0	0–1 LedMode as Menu 2–3 High Output - Lower CRI 4–253 Linearly increase CRI 254–255 Lower Output - High CRI

Advanced_xy (continued)

Ch	Function	Default	DMX values
17	Gel Category	255	0–9 NoFeature 10–19 LEE Color Correction 20–29 LEE Color Filters 30–39 LEE 600 Series 40–49 LEE Cosmetic Filters 50–59 LEE 700 Series 60–69 Rosco Color Correction 70–79 Rosco CalColor 80–89 Rosco Storaro Selection 90–99 Rosco Cinelux 100–109 Blackout 110–255 NoFeature
18	Gel Selector	0	
19	Color Wheel	0	0–0 Open (wheel slot 1) 1–25 Open + Dark Red (wheel slot 1) 26–26 Dark Red (wheel slot 2) 27–51 Dark Red + Dark Green (wheel slot 2) 52–52 Dark Green (wheel slot 3) 53–77 Dark Green + Dark Blue (wheel slot 3) 78–78 Dark Blue (wheel slot 4) 79–103 Dark Blue + Dark Magenta (wheel slot 4) 104–104 Dark Magenta (wheel slot 5) 105–129 Dark Magenta + Congo Blue (wheel slot 5) 130–130 Congo Blue (wheel slot 6) 131–155 Congo Blue + Open (wheel slot 6) 156–165 Open (wheel slot 1) 166–171 Dark Red (wheel slot 2) 172–177 Dark Green (wheel slot 3) 178–183 Dark Blue (wheel slot 4) 184–189 Dark Magenta (wheel slot 5) 190–199 Congo Blue (wheel slot 6) 200–200 Fast 201–223 Fast2Slow 224–224 Slow 225–230 Stop 231–231 Slow 232–254 SLow2Fast 255–255 Fast
20	Beam Shaper	0	0–29 Open (wheel slot 1) 30–59 Indexing (wheel slot 2) 60–89 Rotation (wheel slot 2) 90–255 Reserved
21	Beam Shaper Pos	128	0–0 No rotation (wheel slot 2) 1–127 Min (wheel slot 2) 128–128 Center (wheel slot 2) 129–255 Max (wheel slot 2)
22	Frost1	0	0–254 Open 255–255 Light Frost max
23	Iris	0	0–0 Iris Open 1–126 Large 127–127 Small 128–129 Iris Close 130–153 Fast 154–178 Slow 179–179 Fast 180–203 Slow 204–204 Fast 205–228 Slow 229–229 Fast 230–255 NoFeature

Advanced_xy (continued)

Ch	Function	Default	DMX values
24	Iris Fine	0	Fine byte of Iris
25	Zoom	128	0–254 Narrow 255–255 Wide
26	Zoom Fine	0	Fine byte of Zoom
27	Focus	128	0–126 Min 127–254 Mid 255–255 Max
28	Blade1A	0	0–254 Out 255–255 In
29	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
30	Blade2A	0	0–254 Out 255–255 In
31	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
32	Blade3A	0	0–254 Out 255–255 In
33	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
34	Blade4A	0	0–254 Out 255–255 In
35	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
36	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right

Advanced_xy (continued)

Ch	Function	Default	DMX values
37	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
38	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
39	L EDFrequency	0	0–7 No function (PWM from menu) 8–127 Adjustment -20% to 0% 128–135 PWM from menu 136–255 Adjustment 0% to +20%
40	Control1	0	

Standard_CMY

41 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Standard_CMY (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	Color RGBCyan	0	
9	Color RGBCyan Fine	0	Fine byte of Color RGBCyan
10	Color RGBMagenta	0	
11	Color RGBMagenta Fine	0	Fine byte of Color RGBMagenta
12	Color RGBYellow	0	
13	Color RGBYellow Fine	0	Fine byte of Color RGBYellow
14	C TCCOLORS	0	0–254 CCT 255–255 RAW COLORS
15	C TC	86	0–254 2200K 255–255 15000K
16	C TC Fine	0	Fine byte of C TC
17	Tint	127	0–1 Neutral 2–3 FullMinus 4–126 MinusGreen 127–128 Neutral 129–253 PlusGreen 254–255 FullPlus
18	C RIMode	0	0–1 LedMode as Menu 2–3 High Output - Lower CRI 4–253 Linearly increase CRI 254–255 Lower Output - High CRI
19	Color Macro1	0	
20	Color Wheel	0	0–0 Open (wheel slot 1) 1–25 Open + Dark Red (wheel slot 1) 26–26 Dark Red (wheel slot 2) 27–51 Dark Red + Dark Green (wheel slot 2) 52–52 Dark Green (wheel slot 3) 53–77 Dark Green + Dark Blue (wheel slot 3) 78–78 Dark Blue (wheel slot 4) 79–103 Dark Blue + Dark Magenta (wheel slot 4) 104–104 Dark Magenta (wheel slot 5) 105–129 Dark Magenta + Congo Blue (wheel slot 5) 130–130 Congo Blue (wheel slot 6) 131–155 Congo Blue + Open (wheel slot 6) 156–165 Open (wheel slot 1) 166–171 Dark Red (wheel slot 2) 172–177 Dark Green (wheel slot 3) 178–183 Dark Blue (wheel slot 4) 184–189 Dark Magenta (wheel slot 5) 190–199 Congo Blue (wheel slot 6) 200–200 Fast 201–223 Fast2Slow 224–224 Slow 225–230 Stop 231–231 Slow 232–254 SLow2Fast 255–255 Fast

Standard_CMY (continued)

Ch	Function	Default	DMX values
21	Beam Shaper	0	0–29 Open (wheel slot 1) 30–59 Indexing (wheel slot 2) 60–89 Rotation (wheel slot 2) 90–255 Reserved
22	Beam Shaper Pos	128	0–0 No rotation (wheel slot 2) 1–127 Min (wheel slot 2) 128–128 Center (wheel slot 2) 129–255 Max (wheel slot 2)
23	Frost1	0	0–254 Open 255–255 Light Frost max
24	Iris	0	0–0 Iris Open 1–126 Large 127–127 Small 128–129 Iris Close 130–153 Fast 154–178 Slow 179–179 Fast 180–203 Slow 204–204 Fast 205–228 Slow 229–229 Fast 230–255 NoFeature
25	Iris Fine	0	Fine byte of Iris
26	Zoom	128	0–254 Narrow 255–255 Wide
27	Zoom Fine	0	Fine byte of Zoom
28	Focus	128	0–126 Min 127–254 Mid 255–255 Max
29	Blade1A	0	0–254 Out 255–255 In
30	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
31	Blade2A	0	0–254 Out 255–255 In
32	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
33	Blade3A	0	0–254 Out 255–255 In
34	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
35	Blade4A	0	0–254 Out 255–255 In
36	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
37	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right

Standard_CMY (continued)

Ch	Function	Default	DMX values
38	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
39	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
40	L EDFrequency	0	0–7 No function (PWM from menu) 8–127 Adjustment -20% to 0% 128–135 PWM from menu 136–255 Adjustment 0% to +20%
41	Control1	0	

Standard_RGB

41 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

Standard_RGB (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	C TCCOLORS	0	0–254 CCT 255–255 RAW COLORS
15	C TC	86	0–254 2200K 255–255 15000K
16	C TC Fine	0	Fine byte of C TC
17	Tint	127	0–1 Neutral 2–3 FullMinus 4–126 MinusGreen 127–128 Neutral 129–253 PlusGreen 254–255 FullPlus
18	C RIMode	0	0–1 LedMode as Menu 2–3 High Output - Lower CRI 4–253 Linearly increase CRI 254–255 Lower Output - High CRI
19	Color Macro1	0	
20	Color Wheel	0	0–0 Open (wheel slot 1) 1–25 Open + Dark Red (wheel slot 1) 26–26 Dark Red (wheel slot 2) 27–51 Dark Red + Dark Green (wheel slot 2) 52–52 Dark Green (wheel slot 3) 53–77 Dark Green + Dark Blue (wheel slot 3) 78–78 Dark Blue (wheel slot 4) 79–103 Dark Blue + Dark Magenta (wheel slot 4) 104–104 Dark Magenta (wheel slot 5) 105–129 Dark Magenta + Congo Blue (wheel slot 5) 130–130 Congo Blue (wheel slot 6) 131–155 Congo Blue + Open (wheel slot 6) 156–165 Open (wheel slot 1) 166–171 Dark Red (wheel slot 2) 172–177 Dark Green (wheel slot 3) 178–183 Dark Blue (wheel slot 4) 184–189 Dark Magenta (wheel slot 5) 190–199 Congo Blue (wheel slot 6) 200–200 Fast 201–223 Fast2Slow 224–224 Slow 225–230 Stop 231–231 Slow 232–254 SLow2Fast 255–255 Fast

Standard_RGB (continued)

Ch	Function	Default	DMX values
21	Beam Shaper	0	0–29 Open (wheel slot 1) 30–59 Indexing (wheel slot 2) 60–89 Rotation (wheel slot 2) 90–255 Reserved
22	Beam Shaper Pos	128	0–0 No rotation (wheel slot 2) 1–127 Min (wheel slot 2) 128–128 Center (wheel slot 2) 129–255 Max (wheel slot 2)
23	Frost1	0	0–254 Open 255–255 Light Frost max
24	Iris	0	0–0 Iris Open 1–126 Large 127–127 Small 128–129 Iris Close 130–153 Fast 154–178 Slow 179–179 Fast 180–203 Slow 204–204 Fast 205–228 Slow 229–229 Fast 230–255 NoFeature
25	Iris Fine	0	Fine byte of Iris
26	Zoom	128	0–254 Narrow 255–255 Wide
27	Zoom Fine	0	Fine byte of Zoom
28	Focus	128	0–126 Min 127–254 Mid 255–255 Max
29	Blade1A	0	0–254 Out 255–255 In
30	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
31	Blade2A	0	0–254 Out 255–255 In
32	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
33	Blade3A	0	0–254 Out 255–255 In
34	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
35	Blade4A	0	0–254 Out 255–255 In
36	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
37	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right

Standard_RGB (continued)

Ch	Function	Default	DMX values
38	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
39	Shaper Macros Speed	0	0–254 Slow 255–255 Fast
40	L EDFrequency	0	0–7 No function (PWM from menu) 8–127 Adjustment -20% to 0% 128–135 PWM from menu 136–255 Adjustment 0% to +20%
41	Control1	0	

RAW

46 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

RAW (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	255	0–1 Open 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Closed 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	Color Add C	255	
15	Color Add C Fine	255	Fine byte of Color Add C
16	Color Add RY	255	
17	Color Add RY Fine	255	Fine byte of Color Add RY
18	Color Add GY	255	
19	Color Add GY Fine	255	Fine byte of Color Add GY
20	C TCCOLORS	0	0–254 CCT 255–255 RAW COLORS
21	C TC	86	0–254 2200K 255–255 15000K
22	C TC Fine	0	Fine byte of C TC
23	Tint	127	0–1 Neutral 2–3 FullMinus 4–126 MinusGreen 127–128 Neutral 129–253 PlusGreen 254–255 FullPlus
24	C RIMode	0	0–1 LedMode as Menu 2–3 High Output - Lower CRI 4–253 Linearly increase CRI 254–255 Lower Output - High CRI

RAW (continued)

Ch	Function	Default	DMX values
25	Color Wheel	0	0–0 Open (wheel slot 1) 1–25 Open + Dark Red (wheel slot 1) 26–26 Dark Red (wheel slot 2) 27–51 Dark Red + Dark Green (wheel slot 2) 52–52 Dark Green (wheel slot 3) 53–77 Dark Green + Dark Blue (wheel slot 3) 78–78 Dark Blue (wheel slot 4) 79–103 Dark Blue + Dark Magenta (wheel slot 4) 104–104 Dark Magenta (wheel slot 5) 105–129 Dark Magenta + Congo Blue (wheel slot 5) 130–130 Congo Blue (wheel slot 6) 131–155 Congo Blue + Open (wheel slot 6) 156–165 Open (wheel slot 1) 166–171 Dark Red (wheel slot 2) 172–177 Dark Green (wheel slot 3) 178–183 Dark Blue (wheel slot 4) 184–189 Dark Magenta (wheel slot 5) 190–199 Congo Blue (wheel slot 6) 200–200 Fast 201–223 Fast2Slow 224–224 Slow 225–230 Stop 231–231 Slow 232–254 SLow2Fast 255–255 Fast
26	Beam Shaper	0	0–29 Open (wheel slot 1) 30–59 Indexing (wheel slot 2) 60–89 Rotation (wheel slot 2) 90–255 Reserved
27	Beam Shaper Pos	128	0–0 No rotation (wheel slot 2) 1–127 Min (wheel slot 2) 128–128 Center (wheel slot 2) 129–255 Max (wheel slot 2)
28	Frost1	0	0–254 Open 255–255 Light Frost max
29	Iris	0	0–0 Iris Open 1–126 Large 127–127 Small 128–129 Iris Close 130–153 Fast 154–178 Slow 179–179 Fast 180–203 Slow 204–204 Fast 205–228 Slow 229–229 Fast 230–255 NoFeature
30	Iris Fine	0	Fine byte of Iris
31	Zoom	128	0–254 Narrow 255–255 Wide
32	Zoom Fine	0	Fine byte of Zoom
33	Focus	128	0–126 Min 127–254 Mid 255–255 Max
34	Blade1A	0	0–254 Out 255–255 In
35	Blade1Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25

RAW (continued)

Ch	Function	Default	DMX values
36	Blade2A	0	0–254 Out 255–255 In
37	Blade2Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
38	Blade3A	0	0–254 Out 255–255 In
39	Blade3Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
40	Blade4A	0	0–254 Out 255–255 In
41	Blade4Rot	128	0–127 From -25 degrees to 0 128–128 0 degrees 129–255 From 0 degrees to +25
42	Shaper Rot	128	0–127 Left to Center 128–128 Center 129–255 Center To Right
43	Shaper Macros	0	0–3 NoFeature 4–10 1 11–17 2 18–24 3 25–31 4 32–38 5 39–45 6 46–52 7 53–59 8 60–66 9 67–73 10 74–80 11 81–87 12 88–94 13 95–101 14 102–108 15 109–115 16 116–122 17 123–129 18 130–136 19 137–143 20 144–150 21 151–157 22 158–164 23 165–171 24 172–178 25 179–185 26 186–192 27 193–199 28 200–206 29 207–213 30 214–220 31 221–227 32 228–234 33 235–241 34 242–248 35 249–255 36
44	Shaper Macros Speed	0	0–254 Slow 255–255 Fast

RAW (continued)

Ch	Function	Default	DMX values
45	L EDFrequency	0	0–7 No function (PWM from menu) 8–127 Adjustment -20% to 0% 128–135 PWM from menu 136–255 Adjustment 0% to +20%
46	Control1	0	