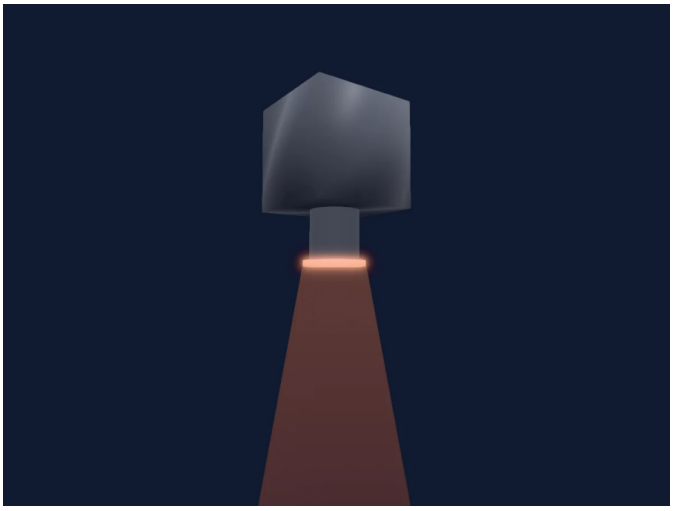
Pro Lux

MATRIX BAR 6



Manufacturer	**Pro Lux**
Type	**PAR**
DMX modes	**9**
DMX footprint	**5, 6, 11, 18, 23, 30, 38 channels**
Beam angle	**25°**
Heads / cells	**2**
Size (W × H × D)	**340 × 337 × 340 mm**
GDTF fixture type	**B33C2B77-5239-4D8F-B75C-77…**

Controls

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

DMX modes

5 Channel Mode	5 ch
6 Channel Mode	6 ch
7 Channel Mode	6 ch
11 Channel Mode	11 ch
3 Channel Mode	11 ch
18 Channel Mode	18 ch
23 Channel Mode	23 ch
30 Channel Mode	30 ch
38 Channel Mode	38 ch

5 Channel Mode

5 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Color Add RY	0	

6 Channel Mode

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	White	0	

7 Channel Mode

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	White	0	

11 Channel Mode

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	White	0	
7	Shutter1Strobe	0	0–5 No Strobe 6–20 Non Sync Strobe 21–60 Synchronous Strobe 61–100 Electronic Sine Wave 101–140 Random Strobe 141–180 Opening Pulse 181–220 Closing Pulse 221–255 Square Wave

11 Channel Mode (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–5 Off 6–10 CT01 11–15 CT02 16–20 CT03 21–25 CT04 26–30 CT05 31–35 CT06 36–40 CT07 41–45 CT08 46–50 CT09 51–55 CT10 56–60 Auto 1 61–65 Auto 2 66–70 Auto 3 71–75 Auto 4 76–80 Auto 5 81–110 No function 111–115 Red 116–120 Green 121–125 Blue 126–130 Amber 131–135 White 136–140 RGBAW 141–145 Yellow 146–150 Pink 151–155 Cyan 156–160 Orange 161–165 Violet 166–170 Golden Yellow 171–175 2700K 176–180 3200K 181–185 4000K 186–190 5500K 191–195 6500K 196–200 RGBW 201–220 No Function 221–225 Custom CH01 226–230 Custom CH02 231–235 Custom CH03 236–255 No function
9	Color Macro1Rate	0	0–0 Stop 1–255 Slow -> fast
10	Color Wheel	0	0–10 Open White (wheel slot 1) 11–11 Blue (wheel slot 2) 12–50 Blue (+ Green) (wheel slot 3) 51–51 Teal (wheel slot 3) 52–90 Teal (- Blue) (wheel slot 4) 91–91 Green (wheel slot 4) 92–130 Green (+ Red) (wheel slot 5) 131–131 Yellow (wheel slot 5) 132–170 Yellow (- Green) (wheel slot 6) 171–171 Red (wheel slot 6) 172–210 Red (+ Blue) (wheel slot 7) 211–211 Magenta (wheel slot 7) 212–250 Magenta (- Red) (wheel slot 8) 251–255 Blue (wheel slot 8)

11 Channel Mode (continued)

Ch	Function	Default	DMX values
11	Dimmer Curve	0	0–10 Default 11–20 Linear 21–30 Square Law 31–40 Inverse Square Law 41–50 S-Curve 51–60 Smooth Linear 61–70 Smooth Square Law 71–80 Smooth Inverse Square Law 81–90 Smooth S-Curve 91–255 Default

3 Channel Mode

11 channels

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

18 Channel Mode

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	White	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	Color Add RY	0	
11	White	0	
12	Shutter1Strobe	0	0–5 No Strobe 6–20 Non Sync Strobe 21–60 Synchronous Strobe 61–100 Electronic Sine Wave 101–140 Random Strobe 141–180 Opening Pulse 181–220 Closing Pulse 221–255 Square Wave

18 Channel Mode (continued)

Ch	Function	Default	DMX values
13	Color Macro1	0	0–5 Off 6–10 CT01 11–15 CT02 16–20 CT03 21–25 CT04 26–30 CT05 31–35 CT06 36–40 CT07 41–45 CT08 46–50 CT09 51–55 CT10 56–60 Auto 1 61–65 Auto 2 66–70 Auto 3 71–75 Auto 4 76–80 Auto 5 81–110 No function 111–115 Red 116–120 Green 121–125 Blue 126–130 Amber 131–135 White 136–140 RGBAW 141–145 Yellow 146–150 Pink 151–155 Cyan 156–160 Orange 161–165 Violet 166–170 Golden Yellow 171–175 2700K 176–180 3200K 181–185 4000K 186–190 5500K 191–195 6500K 196–200 RGBW 201–220 No Function 221–225 Custom CH01 226–230 Custom CH02 231–235 Custom CH03 236–255 No function
14	Color Macro1Rate	0	0–0 Stop 1–255 Slow -> fast
15	Color Wheel	0	0–10 Open White (wheel slot 1) 11–11 Blue (wheel slot 2) 12–50 Blue (+ Green) (wheel slot 3) 51–51 Teal (wheel slot 3) 52–90 Teal (- Blue) (wheel slot 4) 91–91 Green (wheel slot 4) 92–130 Green (+ Red) (wheel slot 5) 131–131 Yellow (wheel slot 5) 132–170 Yellow (- Green) (wheel slot 6) 171–171 Red (wheel slot 6) 172–210 Red (+ Blue) (wheel slot 7) 211–211 Magenta (wheel slot 7) 212–250 Magenta (- Red) (wheel slot 8) 251–255 Blue (wheel slot 8)

18 Channel Mode (continued)

Ch	Function	Default	DMX values
16	Dimmer Curve	0	0–10 Default 11–20 Linear 21–30 Square Law 31–40 Inverse Square Law 41–50 S-Curve 51–60 Smooth Linear 61–70 Smooth Square Law 71–80 Smooth Inverse Square Law 81–90 Smooth S-Curve 91–255 Default
17	Control1	0	
18	Color Control	0	

23 Channel Mode

23 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	White	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	Color Add RY	0	
11	White	0	
12	Red	0	
13	Green	0	
14	Blue	0	
15	Color Add RY	0	
16	White	0	
17	Shutter1Strobe	0	0–5 No Strobe 6–20 Non Sync Strobe 21–60 Synchronous Strobe 61–100 Electronic Sine Wave 101–140 Random Strobe 141–180 Opening Pulse 181–220 Closing Pulse 221–255 Square Wave

23 Channel Mode (continued)

Ch	Function	Default	DMX values
18	Color Macro1	0	0–5 Off 6–10 CT01 11–15 CT02 16–20 CT03 21–25 CT04 26–30 CT05 31–35 CT06 36–40 CT07 41–45 CT08 46–50 CT09 51–55 CT10 56–60 Auto 1 61–65 Auto 2 66–70 Auto 3 71–75 Auto 4 76–80 Auto 5 81–110 No function 111–115 Red 116–120 Green 121–125 Blue 126–130 Amber 131–135 White 136–140 RGBAW 141–145 Yellow 146–150 Pink 151–155 Cyan 156–160 Orange 161–165 Violet 166–170 Golden Yellow 171–175 2700K 176–180 3200K 181–185 4000K 186–190 5500K 191–195 6500K 196–200 RGBW 201–220 No Function 221–225 Custom CH01 226–230 Custom CH02 231–235 Custom CH03 236–255 No function
19	Color Macro1Rate	0	0–0 Stop 1–255 Slow -> fast
20	Color Wheel	0	0–10 Open White (wheel slot 1) 11–11 Blue (wheel slot 2) 12–50 Blue (+ Green) (wheel slot 3) 51–51 Teal (wheel slot 3) 52–90 Teal (- Blue) (wheel slot 4) 91–91 Green (wheel slot 4) 92–130 Green (+ Red) (wheel slot 5) 131–131 Yellow (wheel slot 5) 132–170 Yellow (- Green) (wheel slot 6) 171–171 Red (wheel slot 6) 172–210 Red (+ Blue) (wheel slot 7) 211–211 Magenta (wheel slot 7) 212–250 Magenta (- Red) (wheel slot 8) 251–255 Blue (wheel slot 8)

23 Channel Mode (continued)

Ch	Function	Default	DMX values
21	Dimmer Curve	0	0–10 Default 11–20 Linear 21–30 Square Law 31–40 Inverse Square Law 41–50 S-Curve 51–60 Smooth Linear 61–70 Smooth Square Law 71–80 Smooth Inverse Square Law 81–90 Smooth S-Curve 91–255 Default
22	Control1	0	
23	Color Control	0	

30 Channel Mode

30 channels

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

38 Channel Mode

38 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Red	0	
3	Green	0	
4	Blue	0	
5	Color Add RY	0	
6	White	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	Color Add RY	0	
11	White	0	
12	Red	0	
13	Green	0	
14	Blue	0	
15	Color Add RY	0	
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	Color Add RY	0	
21	White	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	Color Add RY	0	
26	White	0	
27	Red	0	
28	Green	0	
29	Blue	0	
30	Color Add RY	0	
31	White	0	
32	Shutter1Strobe	0	0–5 No Strobe 6–20 Non Sync Strobe 21–60 Synchronous Strobe 61–100 Electronic Sine Wave 101–140 Random Strobe 141–180 Opening Pulse 181–220 Closing Pulse 221–255 Square Wave

38 Channel Mode (continued)

Ch	Function	Default	DMX values
33	Color Macro1	0	0–5 Off 6–10 CT01 11–15 CT02 16–20 CT03 21–25 CT04 26–30 CT05 31–35 CT06 36–40 CT07 41–45 CT08 46–50 CT09 51–55 CT10 56–60 Auto 1 61–65 Auto 2 66–70 Auto 3 71–75 Auto 4 76–80 Auto 5 81–110 No function 111–115 Red 116–120 Green 121–125 Blue 126–130 Amber 131–135 White 136–140 RGBAW 141–145 Yellow 146–150 Pink 151–155 Cyan 156–160 Orange 161–165 Violet 166–170 Golden Yellow 171–175 2700K 176–180 3200K 181–185 4000K 186–190 5500K 191–195 6500K 196–200 RGBW 201–220 No Function 221–225 Custom CH01 226–230 Custom CH02 231–235 Custom CH03 236–255 No function
34	Color Macro1Rate	0	0–0 Stop 1–255 Slow -> fast
35	Color Wheel	0	0–10 Open White (wheel slot 1) 11–11 Blue (wheel slot 2) 12–50 Blue (+ Green) (wheel slot 3) 51–51 Teal (wheel slot 3) 52–90 Teal (- Blue) (wheel slot 4) 91–91 Green (wheel slot 4) 92–130 Green (+ Red) (wheel slot 5) 131–131 Yellow (wheel slot 5) 132–170 Yellow (- Green) (wheel slot 6) 171–171 Red (wheel slot 6) 172–210 Red (+ Blue) (wheel slot 7) 211–211 Magenta (wheel slot 7) 212–250 Magenta (- Red) (wheel slot 8) 251–255 Blue (wheel slot 8)

38 Channel Mode (continued)

Ch	Function	Default	DMX values
36	Dimmer Curve	0	0–10 Default 11–20 Linear 21–30 Square Law 31–40 Inverse Square Law 41–50 S-Curve 51–60 Smooth Linear 61–70 Smooth Square Law 71–80 Smooth Inverse Square Law 81–90 Smooth S-Curve 91–255 Default
37	Control1	0	
38	Color Control	0	