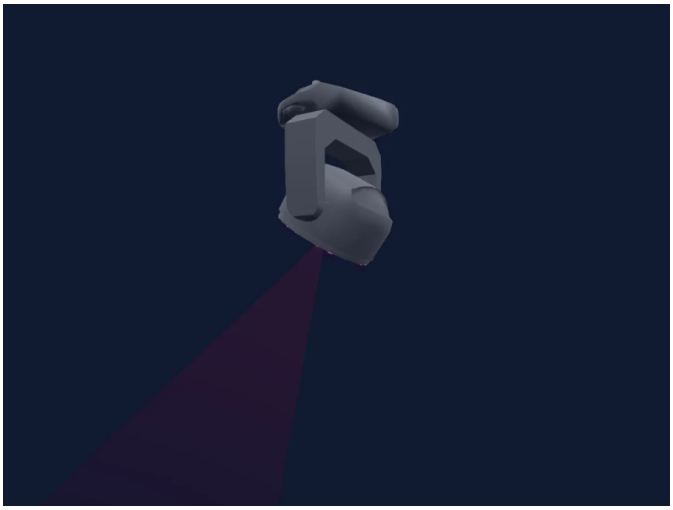
LIGHT SKY

PEARL WASH MAX



Manufacturer	**LIGHT SKY**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**26, 44, 56 channels**
Beam angle	**7.8-65°**
Pan range	**540°**
Tilt range	**215°**
Heads / cells	**8**
Size (W × H × D)	**400 × 249 × 387 mm**
GDTF fixture type	**7A8B0FDE-D849-42FC-8297-52…**

Controls

Zoom · Extra LED colours · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt

Safety-relevant functions

Fixture reset · Service functions · Built-in effect programmes

DMX modes

26CH	26 ch
44CH	44 ch
56CH	56 ch

26CH

26 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	Control1	0	0–25 No Function 26–30 Zoom Reset 31–40 P/T Reset 41–50 All Reset 51–55 Fan Standard 56–60 Fan HighOutput 61–70 Fan Silent 71–75 Zoom Invert On 76–80 Zoom Invert Off 81–85 Display On 86–90 Display Off 91–95 P Invert On 96–100 P Invert Off 101–105 T Invert On 106–110 T Invert Off 111–115 LED 1800Hz 116–120 LED 3600Hz 121–125 LED 7200Hz 126–130 LED 25000Hz 131–135 Dim Linear 136–140 Dim Square 141–145 Dim Inv-Square 146–150 Dim S-Curve 151–155 Dim Normal 156–160 Dim Speed 1 161–165 Dim Speed 2 166–170 Dim Speed 3 171–175 P/T Normal 176–180 P/T Fast 181–185 P/T Precise 186–190 Zoom Normal 191–195 Zoom Fast 196–255 Zoom Precise
6	Zoom	0	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	0	0–9 No Function 10–49 PulseOpen 50–89 PulseClose 90–119 Pulse 120–179 Random 180–249 Strobe 250–255 Open

26CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–4 No Function (wheel slot 1) 5–19 CTO (wheel slot 1) 20–21 Filter 4 (Medium Bastard Amber) (wheel slot 2) 22–23 Filter 19 (Fire) (wheel slot 4) 24–25 Filter 58 (Lavender) (wheel slot 6) 26–27 Filter 68 (Sky Blue) (wheel slot 7) 28–29 Filter 71 (Tokyo Blue) (wheel slot 8) 30–31 Filter 79 (Just Blue) (wheel slot 9) 32–33 Filter 90 (Dark Yellow Green) (wheel slot 11) 34–35 Filter 103 (Straw) (wheel slot 15) 36–37 Filter 111 (Dark Pink) (wheel slot 19) 38–39 Filter 115 (Peacock Blue) (wheel slot 20) 40–41 Filter 116 (Medium Blue-Green) (wheel slot 21) 42–43 Filter 117 (Steel Blue) (wheel slot 22) 44–45 Filter 118 (Light Blue) (wheel slot 23) 46–47 Filter 119 (Dark Blue) (wheel slot 24) 48–49 Filter 128 (Bright Pink) (wheel slot 27) 50–51 Filter 131 (Marine Blue) (wheel slot 28) 52–53 Filter 132 (Medium Blue) (wheel slot 29) 54–55 Filter 137 (Special Lavender) (wheel slot 33) 56–57 Filter 138 (Pale Green) (wheel slot 34) 58–59 Filter 139 (Primary Green) (wheel slot 35) 60–61 Filter 141 (Bright Blue) (wheel slot 36) 62–63 Filter 148 (Bright Rose) (wheel slot 38) 64–65 Filter 152 (Pale Gold) (wheel slot 39) 66–67 Filter 154 (Pale Rose) (wheel slot 40) 68–69 Filter 157 (Pink) (wheel slot 41) 70–71 Filter 162 (Bastard Amber) (wheel slot 43) 72–73 Filter 165 (Daylight Blue) (wheel slot 45) 74–75 Filter 169 (Lilac Tint) (wheel slot 46) 76–77 Filter 170 (Deep Lavender) (wheel slot 47) 78–79 Filter 172 (Lagoon Blue) (wheel slot 48) 80–81 Filter 180 (Dark Lavender) (wheel slot 50) 82–83 Filter 181 (Congo Blue) (wheel slot 51) 84–85 Filter 197 (Alice Blue) (wheel slot 52) 86–87 Filter 201 (Full CT Blue) (wheel slot 53) 88–89 Filter 202 (Half CT Blue) (wheel slot 54) 90–91 Filter 203 (Quarter CT Blue) (wheel slot 55) 92–93 Filter 205 (Half CT Orange) (wheel slot 57) 94–95 Filter 206 (Quarter CT Orange) (wheel slot 58) 96–97 Filter 247 (Filter Minus Green) (wheel slot 59) 98–99 Filter 248 (Half Minus Green) (wheel slot 60) 100–101 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 102–103 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 104–105 Filter 352 (Glacier Blue) (wheel slot 63) 106–107 Filter 353 (Lighter Blue) (wheel slot 64) 108–109 Filter 715 (Cabana Blue) (wheel slot 65) 110–111 Filter 793 (Vanity Fair) (wheel slot 67) 112–113 Begonia Red (wheel slot 68) 114–115 Light Wheat Yellow (wheel slot 69) 116–117 Light Yellow (wheel slot 70) 118–119 Moon White (wheel slot 71) 120–121 Pale Cyan (wheel slot 72) 122–123 Grass Green (wheel slot 73) 124–125 Cold Blue (wheel slot 74) 126–127 Light Green (wheel slot 75) 128–129 Cyan Cloud (wheel slot 76) 130–131 Dark lavender (wheel slot 77) 132–133 Dusk Purple (wheel slot 78) 134–135 Light Wind Chime (wheel slot 79) 136–137 Plum Sauce Purple (wheel slot 80) 138–139 Kao Mauve (wheel slot 81) 140–141 Wild Rose Pink (wheel slot 82) 142–192 Sakura Pink (wheel slot 83)

26CH (continued)

Ch	Function	Default	DMX values
12	C TO	0	0–2 No Function 3–22 10000k 23–42 9500k 43–62 9000k 63–82 8500k 83–102 8000k 103–119 7500k 120–134 7000k 135–149 6500k 150–161 6000k 162–179 5600k 180–194 5000k 195–209 4500k 210–218 4000k 219–224 3700k 225–233 3500k 234–239 3200k 240–248 3000k 249–254 2700k 255–255 2500k
13	C RIMode	0	0–254 Standard 255–255 High Light
14	Tint	128	0–0 Uncorrected 1–127 Minus Green 128–128 Uncorrected 129–254 Plus Green 255–255 Uncorrected
15	Effect	0	0–7 No Function 8–255 Static Effect
16	Effect 2	0	0–7 No Function 8–111 Move Effect 112–255 Random
17	Effect Speed 2	0	0–126 >>> 127–128 Stop 129–255 <<<
18	Effects2Fade	0	
19	Color Wheel	0	0–1 No Function (wheel slot 1) 2–255 Back Color (wheel slot 1)
20	Dimmer	0	0–254 Closed 255–255 Open
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	255	
25	Color Add RY	0	
26	Color Add GC	0	

44CH

44 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

44CH (continued)

Ch	Function	Default	DMX values
5	Control1	0	0–25 No Function 26–30 Zoom Reset 31–40 P/T Reset 41–50 All Reset 51–55 Fan Standard 56–60 Fan HighOutput 61–70 Fan Silent 71–75 Zoom Invert On 76–80 Zoom Invert Off 81–85 Display On 86–90 Display Off 91–95 P Invert On 96–100 P Invert Off 101–105 T Invert On 106–110 T Invert Off 111–115 LED 1800Hz 116–120 LED 3600Hz 121–125 LED 7200Hz 126–130 LED 25000Hz 131–135 Dim Linear 136–140 Dim Square 141–145 Dim Inv-Square 146–150 Dim S-Curve 151–155 Dim Normal 156–160 Dim Speed 1 161–165 Dim Speed 2 166–170 Dim Speed 3 171–175 P/T Normal 176–180 P/T Fast 181–185 P/T Precise 186–190 Zoom Normal 191–195 Zoom Fast 196–255 Zoom Precise
6	Zoom	0	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	0	0–9 No Function 10–49 PulseOpen 50–89 PulseClose 90–119 Pulse 120–179 Random 180–249 Strobe 250–255 Open

44CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–4 No Function (wheel slot 1) 5–19 CTO (wheel slot 1) 20–21 Filter 4 (Medium Bastard Amber) (wheel slot 2) 22–23 Filter 19 (Fire) (wheel slot 4) 24–25 Filter 58 (Lavender) (wheel slot 6) 26–27 Filter 68 (Sky Blue) (wheel slot 7) 28–29 Filter 71 (Tokyo Blue) (wheel slot 8) 30–31 Filter 79 (Just Blue) (wheel slot 9) 32–33 Filter 90 (Dark Yellow Green) (wheel slot 11) 34–35 Filter 103 (Straw) (wheel slot 15) 36–37 Filter 111 (Dark Pink) (wheel slot 19) 38–39 Filter 115 (Peacock Blue) (wheel slot 20) 40–41 Filter 116 (Medium Blue-Green) (wheel slot 21) 42–43 Filter 117 (Steel Blue) (wheel slot 22) 44–45 Filter 118 (Light Blue) (wheel slot 23) 46–47 Filter 119 (Dark Blue) (wheel slot 24) 48–49 Filter 128 (Bright Pink) (wheel slot 27) 50–51 Filter 131 (Marine Blue) (wheel slot 28) 52–53 Filter 132 (Medium Blue) (wheel slot 29) 54–55 Filter 137 (Special Lavender) (wheel slot 33) 56–57 Filter 138 (Pale Green) (wheel slot 34) 58–59 Filter 139 (Primary Green) (wheel slot 35) 60–61 Filter 141 (Bright Blue) (wheel slot 36) 62–63 Filter 148 (Bright Rose) (wheel slot 38) 64–65 Filter 152 (Pale Gold) (wheel slot 39) 66–67 Filter 154 (Pale Rose) (wheel slot 40) 68–69 Filter 157 (Pink) (wheel slot 41) 70–71 Filter 162 (Bastard Amber) (wheel slot 43) 72–73 Filter 165 (Daylight Blue) (wheel slot 45) 74–75 Filter 169 (Lilac Tint) (wheel slot 46) 76–77 Filter 170 (Deep Lavender) (wheel slot 47) 78–79 Filter 172 (Lagoon Blue) (wheel slot 48) 80–81 Filter 180 (Dark Lavender) (wheel slot 50) 82–83 Filter 181 (Congo Blue) (wheel slot 51) 84–85 Filter 197 (Alice Blue) (wheel slot 52) 86–87 Filter 201 (Full CT Blue) (wheel slot 53) 88–89 Filter 202 (Half CT Blue) (wheel slot 54) 90–91 Filter 203 (Quarter CT Blue) (wheel slot 55) 92–93 Filter 205 (Half CT Orange) (wheel slot 57) 94–95 Filter 206 (Quarter CT Orange) (wheel slot 58) 96–97 Filter 247 (Filter Minus Green) (wheel slot 59) 98–99 Filter 248 (Half Minus Green) (wheel slot 60) 100–101 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 102–103 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 104–105 Filter 352 (Glacier Blue) (wheel slot 63) 106–107 Filter 353 (Lighter Blue) (wheel slot 64) 108–109 Filter 715 (Cabana Blue) (wheel slot 65) 110–111 Filter 793 (Vanity Fair) (wheel slot 67) 112–113 Begonia Red (wheel slot 68) 114–115 Light Wheat Yellow (wheel slot 69) 116–117 Light Yellow (wheel slot 70) 118–119 Moon White (wheel slot 71) 120–121 Pale Cyan (wheel slot 72) 122–123 Grass Green (wheel slot 73) 124–125 Cold Blue (wheel slot 74) 126–127 Light Green (wheel slot 75) 128–129 Cyan Cloud (wheel slot 76) 130–131 Dark lavender (wheel slot 77) 132–133 Dusk Purple (wheel slot 78) 134–135 Light Wind Chime (wheel slot 79) 136–137 Plum Sauce Purple (wheel slot 80) 138–139 Kao Mauve (wheel slot 81) 140–141 Wild Rose Pink (wheel slot 82) 142–192 Sakura Pink (wheel slot 83)

44CH (continued)

Ch	Function	Default	DMX values
12	C TO	0	0–2 No Function 3–22 10000k 23–42 9500k 43–62 9000k 63–82 8500k 83–102 8000k 103–119 7500k 120–134 7000k 135–149 6500k 150–161 6000k 162–179 5600k 180–194 5000k 195–209 4500k 210–218 4000k 219–224 3700k 225–233 3500k 234–239 3200k 240–248 3000k 249–254 2700k 255–255 2500k
13	C RIMode	0	0–254 Standard 255–255 High Light
14	Tint	128	0–0 Uncorrected 1–127 Minus Green 128–128 Uncorrected 129–254 Plus Green 255–255 Uncorrected
15	Effect	0	0–7 No Function 8–255 Static Effect
16	Effect 2	0	0–7 No Function 8–111 Move Effect 112–255 Random
17	Effect Speed 2	0	0–126 >>> 127–128 Stop 129–255 <<<
18	Effects2Fade	0	
19	Color Wheel	0	0–1 No Function (wheel slot 1) 2–255 Back Color (wheel slot 1)
20	Dimmer	0	0–254 Closed 255–255 Open
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	Color Add RY	0	
26	Color Add GC	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	0	
31	Color Add RY	0	
32	Color Add GC	0	
33	Red	255	
34	Green	255	

44CH (continued)

Ch	Function	Default	DMX values
35	Blue	255	
36	White	0	
37	Color Add RY	0	
38	Color Add GC	0	
39	Red	255	
40	Green	255	
41	Blue	255	
42	White	0	
43	Color Add RY	0	
44	Color Add GC	0	

56CH

56 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	Control1	0	0–25 No Function 26–30 Zoom Reset 31–40 P/T Reset 41–50 All Reset 51–55 Fan Standard 56–60 Fan HighOutput 61–70 Fan Silent 71–75 Zoom Invert On 76–80 Zoom Invert Off 81–85 Display On 86–90 Display Off 91–95 P Invert On 96–100 P Invert Off 101–105 T Invert On 106–110 T Invert Off 111–115 LED 1800Hz 116–120 LED 3600Hz 121–125 LED 7200Hz 126–130 LED 25000Hz 131–135 Dim Linear 136–140 Dim Square 141–145 Dim Inv-Square 146–150 Dim S-Curve 151–155 Dim Normal 156–160 Dim Speed 1 161–165 Dim Speed 2 166–170 Dim Speed 3 171–175 P/T Normal 176–180 P/T Fast 181–185 P/T Precise 186–190 Zoom Normal 191–195 Zoom Fast 196–255 Zoom Precise
6	Zoom	0	
7	Zoom Fine	0	Fine byte of Zoom
8	Dimmer	0	0–254 Closed 255–255 Open

56CH (continued)

Ch	Function	Default	DMX values
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	0	0–9 No Function 10–49 PulseOpen 50–89 PulseClose 90–119 Pulse 120–179 Random 180–249 Strobe 250–255 Open

56CH (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–4 No Function (wheel slot 1) 5–19 CTO (wheel slot 1) 20–21 Filter 4 (Medium Bastard Amber) (wheel slot 2) 22–23 Filter 19 (Fire) (wheel slot 4) 24–25 Filter 58 (Lavender) (wheel slot 6) 26–27 Filter 68 (Sky Blue) (wheel slot 7) 28–29 Filter 71 (Tokyo Blue) (wheel slot 8) 30–31 Filter 79 (Just Blue) (wheel slot 9) 32–33 Filter 90 (Dark Yellow Green) (wheel slot 11) 34–35 Filter 103 (Straw) (wheel slot 15) 36–37 Filter 111 (Dark Pink) (wheel slot 19) 38–39 Filter 115 (Peacock Blue) (wheel slot 20) 40–41 Filter 116 (Medium Blue-Green) (wheel slot 21) 42–43 Filter 117 (Steel Blue) (wheel slot 22) 44–45 Filter 118 (Light Blue) (wheel slot 23) 46–47 Filter 119 (Dark Blue) (wheel slot 24) 48–49 Filter 128 (Bright Pink) (wheel slot 27) 50–51 Filter 131 (Marine Blue) (wheel slot 28) 52–53 Filter 132 (Medium Blue) (wheel slot 29) 54–55 Filter 137 (Special Lavender) (wheel slot 33) 56–57 Filter 138 (Pale Green) (wheel slot 34) 58–59 Filter 139 (Primary Green) (wheel slot 35) 60–61 Filter 141 (Bright Blue) (wheel slot 36) 62–63 Filter 148 (Bright Rose) (wheel slot 38) 64–65 Filter 152 (Pale Gold) (wheel slot 39) 66–67 Filter 154 (Pale Rose) (wheel slot 40) 68–69 Filter 157 (Pink) (wheel slot 41) 70–71 Filter 162 (Bastard Amber) (wheel slot 43) 72–73 Filter 165 (Daylight Blue) (wheel slot 45) 74–75 Filter 169 (Lilac Tint) (wheel slot 46) 76–77 Filter 170 (Deep Lavender) (wheel slot 47) 78–79 Filter 172 (Lagoon Blue) (wheel slot 48) 80–81 Filter 180 (Dark Lavender) (wheel slot 50) 82–83 Filter 181 (Congo Blue) (wheel slot 51) 84–85 Filter 197 (Alice Blue) (wheel slot 52) 86–87 Filter 201 (Full CT Blue) (wheel slot 53) 88–89 Filter 202 (Half CT Blue) (wheel slot 54) 90–91 Filter 203 (Quarter CT Blue) (wheel slot 55) 92–93 Filter 205 (Half CT Orange) (wheel slot 57) 94–95 Filter 206 (Quarter CT Orange) (wheel slot 58) 96–97 Filter 247 (Filter Minus Green) (wheel slot 59) 98–99 Filter 248 (Half Minus Green) (wheel slot 60) 100–101 Filter 281 (Three Quarter CT Blue) (wheel slot 61) 102–103 Filter 285 (Three Quarter CT Orange) (wheel slot 62) 104–105 Filter 352 (Glacier Blue) (wheel slot 63) 106–107 Filter 353 (Lighter Blue) (wheel slot 64) 108–109 Filter 715 (Cabana Blue) (wheel slot 65) 110–111 Filter 793 (Vanity Fair) (wheel slot 67) 112–113 Begonia Red (wheel slot 68) 114–115 Light Wheat Yellow (wheel slot 69) 116–117 Light Yellow (wheel slot 70) 118–119 Moon White (wheel slot 71) 120–121 Pale Cyan (wheel slot 72) 122–123 Grass Green (wheel slot 73) 124–125 Cold Blue (wheel slot 74) 126–127 Light Green (wheel slot 75) 128–129 Cyan Cloud (wheel slot 76) 130–131 Dark lavender (wheel slot 77) 132–133 Dusk Purple (wheel slot 78) 134–135 Light Wind Chime (wheel slot 79) 136–137 Plum Sauce Purple (wheel slot 80) 138–139 Kao Mauve (wheel slot 81) 140–141 Wild Rose Pink (wheel slot 82) 142–192 Sakura Pink (wheel slot 83)

56CH (continued)

Ch	Function	Default	DMX values
12	C TO	0	0–2 No Function 3–22 10000k 23–42 9500k 43–62 9000k 63–82 8500k 83–102 8000k 103–119 7500k 120–134 7000k 135–149 6500k 150–161 6000k 162–179 5600k 180–194 5000k 195–209 4500k 210–218 4000k 219–224 3700k 225–233 3500k 234–239 3200k 240–248 3000k 249–254 2700k 255–255 2500k
13	C RIMode	0	0–254 Standard 255–255 High Light
14	Tint	128	0–0 Uncorrected 1–127 Minus Green 128–128 Uncorrected 129–254 Plus Green 255–255 Uncorrected
15	Effect	0	0–7 No Function 8–255 Static Effect
16	Effect 2	0	0–7 No Function 8–111 Move Effect 112–255 Random
17	Effect Speed 2	0	0–126 >>> 127–128 Stop 129–255 <<<
18	Effects2Fade	0	
19	Color Wheel	0	0–1 No Function (wheel slot 1) 2–255 Back Color (wheel slot 1)
20	Dimmer	0	0–254 Closed 255–255 Open
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	Color Add RY	0	
26	Color Add GC	0	
27	Red	255	
28	Green	255	
29	Blue	255	
30	White	0	
31	Color Add RY	0	
32	Color Add GC	0	
33	Red	255	
34	Green	255	

56CH (continued)

Ch	Function	Default	DMX values
35	Blue	255	
36	White	0	
37	Color Add RY	0	
38	Color Add GC	0	
39	Red	255	
40	Green	255	
41	Blue	255	
42	White	0	
43	Color Add RY	0	
44	Color Add GC	0	
45	Red	255	
46	Green	255	
47	Blue	255	
48	White	0	
49	Color Add RY	0	
50	Color Add GC	0	
51	Red	255	
52	Green	255	
53	Blue	255	
54	White	0	
55	Color Add RY	0	
56	Color Add GC	0	