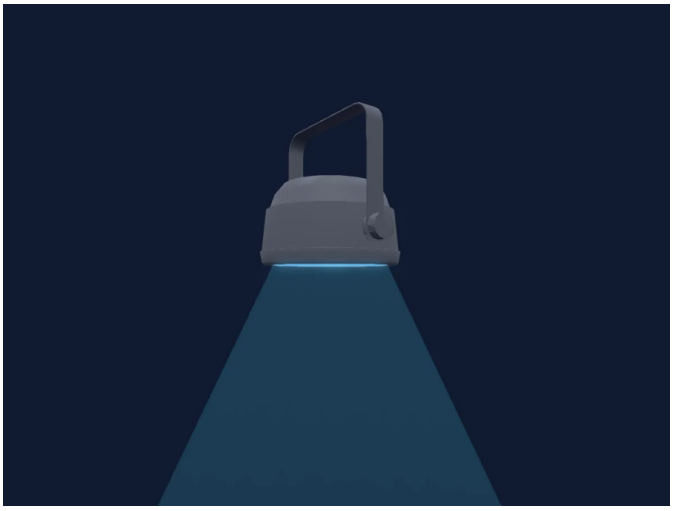
HarmanyLX

ACME SANDANE FROST (PAR 54 IP EF)



Manufacturer	**HarmanyLX**
Type	**PAR**
DMX modes	**6**
DMX footprint	**3, 6, 7, 8, 9, 11 channels**
Beam angle	**53°**
Size (W × H × D)	**271 × 242 × 233 mm**
GDTF fixture type	**8B642399-9393-4B69-B24A-72…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

Mode 6 3 DMX	3 ch
Mode 5 6 DMX	6 ch
Mode 4 7 DMX	7 ch
Mode 3 8 DMX	8 ch
Mode 2 9 DMX	9 ch
Mode 1 11 DMX	11 ch

Mode 6 3 DMX

3 channels

Ch	Function	Default	DMX values
1	White	255	
2	Blue	0	
3	Frost1	0	

Mode 5 6 DMX

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	
5	Frost1	0	0–41 Frost 1 42–83 Frost 2 84–127 Frost 3 128–255 0-100
6	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–99 Null2 100–109 LEDFrequency Enable 110–119 LEDFrequency Disable 120–122 Null3 123–123 900Hz 124–124 1000Hz 125–125 1100Hz 126–126 1200Hz 127–127 1300Hz 128–128 1400Hz 129–129 1500Hz 130–130 2500Hz 131–131 4000Hz 132–132 5000Hz 133–133 6000Hz 134–134 10Hz 135–135 15Hz 136–136 20Hz 137–137 25Hz 138–139 Null 140–209 Null 4 210–219 Dim Fast 220–229 Dim Slow 230–255 NoFeature 3

Mode 4 7 DMX

7 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	

Mode 4 7 DMX (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	10	0–7 Close 8–15 Open 16–130 Min Strobe 131–131 Max Strobe 132–139 Open 2 140–180 Max Pulse Close 181–181 Min Pulse Close 182–189 Open 3 190–230 Min PulseOpen 231–231 Max PulseOpen 232–239 Open 4 240–246 Min Ran Strobe 247–247 Max Ran Strobe 248–255 Open 5
6	Frost1	0	0–41 Frost 1 42–83 Frost 2 84–127 Frost 3 128–255 0-100
7	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–99 Null2 100–109 LEDFrequency Enable 110–119 LEDFrequency Disable 120–122 Null3 123–123 900Hz 124–124 1000Hz 125–125 1100Hz 126–126 1200Hz 127–127 1300Hz 128–128 1400Hz 129–129 1500Hz 130–130 2500Hz 131–131 4000Hz 132–132 5000Hz 133–133 6000Hz 134–134 10Hz 135–135 15Hz 136–136 20Hz 137–137 25Hz 138–139 Null 140–209 Null 4 210–219 Dim Fast 220–229 Dim Slow 230–255 NoFeature 3

Mode 3 8 DMX

8 channels

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

Mode 3 8 DMX (continued)

Ch	Function	Default	DMX values
6	Shutter / Strobe	10	0–7 Close 8–15 Open 16–130 Min Strobe 131–131 Max Strobe 132–139 Open 2 140–180 Max Pulse Close 181–181 Min Pulse Close 182–189 Open 3 190–230 Min Pulse Open 231–231 Max Pulse Open 232–239 Open 4 240–246 Min Ran Strobe 247–247 Max Ran Strobe 248–255 Open 5
7	Frost1	0	0–41 Frost 1 42–83 Frost 2 84–127 Frost 3 128–255 0-100
8	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–99 Null2 100–109 LEDFrequency Enable 110–119 LEDFrequency Disable 120–122 Null3 123–123 900Hz 124–124 1000Hz 125–125 1100Hz 126–126 1200Hz 127–127 1300Hz 128–128 1400Hz 129–129 1500Hz 130–130 2500Hz 131–131 4000Hz 132–132 5000Hz 133–133 6000Hz 134–134 10Hz 135–135 15Hz 136–136 20Hz 137–137 25Hz 138–139 Null 140–209 Null 4 210–219 Dim Fast 220–229 Dim Slow 230–255 NoFeature 3

Mode 2 9 DMX

9 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	

Mode 2 9 DMX (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	8	0–7 Close 8–15 Open 16–130 Min Strobe 131–131 Max Strobe 132–139 Open 2 140–180 Max Pulse Close 181–181 Min Pulse Close 182–189 Open 3 190–230 Min PulseOpen 231–231 Max PulseOpen 232–239 Open 4 240–246 Min Ran Strobe 247–247 Max Ran Strobe 248–255 Open 5
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	Frost1	0	0–41 Frost 1 42–83 Frost 2 84–127 Frost 3 128–255 0-100
9	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–99 Null2 100–109 LEDFrequency Enable 110–119 LEDFrequency Disable 120–122 Null3 123–123 900Hz 124–124 1000Hz 125–125 1100Hz 126–126 1200Hz 127–127 1300Hz 128–128 1400Hz 129–129 1500Hz 130–130 2500Hz 131–131 4000Hz 132–132 5000Hz 133–133 6000Hz 134–134 10Hz 135–135 15Hz 136–136 20Hz 137–137 25Hz 138–139 Null 140–209 Null 4 210–219 Dim Fast 220–229 Dim Slow 230–255 NoFeature 3

Mode 1 11 DMX

11 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	Color Add GY	0	

Mode 1 11 DMX (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	10	0–7 Close 8–15 Open 16–130 Min Strobe 131–131 Max Strobe 132–139 Open 2 140–180 Min Pulse Close 181–181 Max Pulse Close 182–189 Open 3 190–230 Min PulseOpen 231–231 Max PulseOpen 232–239 Open 4 240–246 Min Ran Strobe 247–247 Max Ran Strobe 248–255 Open 5
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	C TC	0	
9	Color Wheel	0	0–5 Open (wheel slot 1) 6–8 Color 1 (wheel slot 2) 9–11 Color 2 (wheel slot 3) 12–14 Color 3 (wheel slot 4) 15–17 Color 4 (wheel slot 5) 18–20 Color 5 (wheel slot 6) 21–23 Color 6 (wheel slot 7) 24–26 Color 7 (wheel slot 8) 27–29 Color 8 (wheel slot 9) 30–32 Color 9 (wheel slot 10) 33–35 Color 10 (wheel slot 11) 36–38 Color 11 (wheel slot 12) 39–41 Color 12 (wheel slot 13) 42–44 Color 13 (wheel slot 14) 45–47 Color 14 (wheel slot 15) 48–50 Color 15 (wheel slot 16) 51–53 Color 16 (wheel slot 17) 54–56 Color 17 (wheel slot 18) 57–59 Color 18 (wheel slot 19) 60–62 Color 19 (wheel slot 20) 63–65 Color 20 (wheel slot 21) 66–68 Color 21 (wheel slot 22) 69–71 Color 22 (wheel slot 23) 72–74 Color 23 (wheel slot 24) 75–77 Color 24 (wheel slot 25) 78–80 Color 25 (wheel slot 26) 81–83 Color 26 (wheel slot 27) 84–86 Color 27 (wheel slot 28) 87–89 Color 28 (wheel slot 29) 90–92 Color 29 (wheel slot 30) 93–95 Color 30 (wheel slot 31) 96–98 Color 31 (wheel slot 32) 99–99 Color 32 (wheel slot 33) 100–176 > 177–254 >> 255–255 >>>
10	Frost1	0	0–41 Frost 1 42–83 Frost 2 84–127 Frost 3 128–255 0-100

Mode 1 11 DMX (continued)

Ch	Function	Default	DMX values
11	Function	0	0–29 Null1 30–39 Dim Curve Linear 40–49 Dim Square Law 50–59 Dim Inv Square Law 60–69 Dim Curve S 70–99 Null2 100–109 LEDFrequency Enable 110–119 LEDFrequency Disable 120–122 Null3 123–123 900Hz 124–124 1000Hz 125–125 1100Hz 126–126 1200Hz 127–127 1300Hz 128–128 1400Hz 129–129 1500Hz 130–130 2500Hz 131–131 4000Hz 132–132 5000Hz 133–133 6000Hz 134–134 10Hz 135–135 15Hz 136–136 20Hz 137–137 25Hz 138–139 Null 140–209 Null 4 210–219 Dim Fast 220–229 Dim Slow 230–255 NoFeature 3