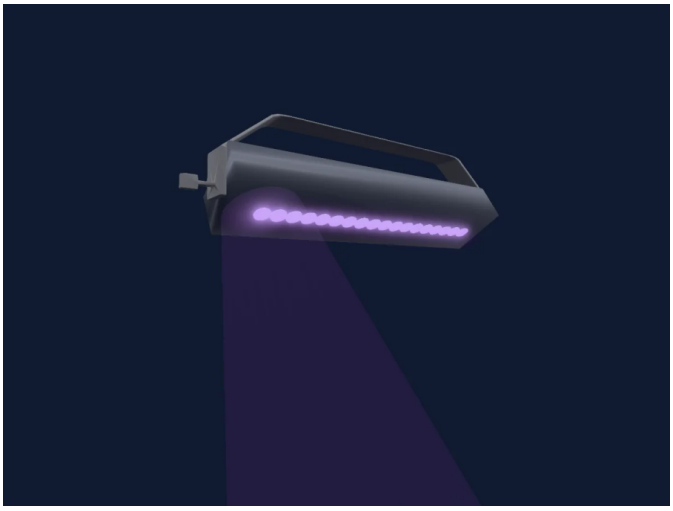
BeamZ Pro

StarColor 54 Tour WallWash



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**8**
DMX footprint	**3, 5, 8, 13 channels**
Beam angle	**20°**
Tilt range	**260°**
Size (W × H × D)	**426 × 55 × 90 mm**
GDTF fixture type	**1670EF67-7F6A-4306-BB40-1E…**

Controls

RGB colour mixing · Colour wheel · Strobe · Dimmer

DMX modes

3 Ch	3 ch
3 Ch + Virtual Dimmer	3 ch
5 Ch	5 ch
5 Ch + Virtual Tilt	5 ch
8 Ch	8 ch
8 Ch + Virtual Tilt	8 ch
13 Ch	13 ch
13 Ch + Virtual Tilt	13 ch

3 Ch

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
2	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
3	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max

3 Ch + Virtual Dimmer

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
2	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
3	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max

5 Ch

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 1000
2	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
3	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max

5 Ch (continued)

Ch	Function	Default	DMX values
4	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
5	Shutter / Strobe	0	0–9 Shutter OPEN 10–10 Shutter1Strobe 2 · Min 1 Hz 11–132 Shutter1Strobe 2 · Min>Medium 1.08–10.5 Hz 133–133 Shutter1Strobe 2 · Medium 10.5 Hz 134–254 Shutter1Strobe 2 · Medium>Max 10.6–19.9 Hz 255–255 Shutter1Strobe 2 · Max 20 Hz

5 Ch + Virtual Tilt

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 1000
2	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
3	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
4	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
5	Shutter / Strobe	0	0–9 Shutter OPEN 10–10 Shutter1Strobe 2 · Min 1 Hz 11–132 Shutter1Strobe 2 · Min>Medium 1.09–12.5 Hz 133–133 Shutter1Strobe 2 · Medium 12.5 Hz 134–254 Shutter1Strobe 2 · Medium>Max 12.6–23.9 Hz 255–255 Shutter1Strobe 2 · Max 24 Hz

8 Ch

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 1000
2	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max

8 Ch (continued)

Ch	Function	Default	DMX values
3	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
4	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
5	Shutter / Strobe	0	0–9 Shutter OPEN 10–10 Shutter1Strobe 2 · Min 1 Hz 11–132 Shutter1Strobe 2 · Min>Medium 1.08–10.5 Hz 133–133 Shutter1Strobe 2 · Medium 10.5 Hz 134–254 Shutter1Strobe 2 · Medium>Max 10.6–19.9 Hz 255–255 Shutter1Strobe 2 · Max 20 Hz
6	Color Wheel	0	0–9 Idle (wheel slot 1) 10–40 Red (wheel slot 2) 41–73 Yellow (wheel slot 3) 74–106 Green (wheel slot 4) 107–139 Cyan (wheel slot 5) 140–172 Blue (wheel slot 6) 173–174 Magenta (wheel slot 7) 175–189 3200 K (wheel slot 10) 190–204 5600 K (wheel slot 11) 205–219 6500 K (wheel slot 12) 220–234 8500 K (wheel slot 13) 235–249 10000 k (wheel slot 14) 250–255 Default (wheel slot 9)
7	Color Macro1	0	0–20 Idle (wheel slot 1) 21–30 ColorMacro 1 (wheel slot 1) 31–40 ColorMacro 2 (wheel slot 1) 41–50 ColorMacro 3 (wheel slot 1) 51–60 ColorMacro 4 (wheel slot 1) 61–70 ColorMacro 5 (wheel slot 1) 71–80 ColorMacro 6 (wheel slot 1) 81–90 ColorMacro 7 (wheel slot 1) 91–100 ColorMacro 8 (wheel slot 1) 101–110 ColorMacro 9 (wheel slot 1) 111–120 ColorMacro 10 (wheel slot 1) 121–255 Idle
8	Color Macro1Rate	128	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max

8 Ch + Virtual Tilt

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 1000

8 Ch + Virtual Tilt (continued)

Ch	Function	Default	DMX values
2	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
3	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
4	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
5	Shutter / Strobe	0	0–9 Shutter OPEN 10–10 Shutter1Strobe 2 · Min 1 Hz 11–132 Shutter1Strobe 2 · Min>Medium 1.09–12.5 Hz 133–133 Shutter1Strobe 2 · Medium 12.5 Hz 134–254 Shutter1Strobe 2 · Medium>Max 12.6–23.9 Hz 255–255 Shutter1Strobe 2 · Max 24 Hz
6	Color Wheel	0	0–9 Idle (wheel slot 1) 10–40 Red (wheel slot 2) 41–73 Yellow (wheel slot 3) 74–106 Green (wheel slot 4) 107–139 Cyan (wheel slot 5) 140–172 Blue (wheel slot 6) 173–174 Magenta (wheel slot 7) 175–189 3200 K (wheel slot 10) 190–204 5600 K (wheel slot 11) 205–219 6500 K (wheel slot 12) 220–234 8500 K (wheel slot 13) 235–249 10000 k (wheel slot 14) 250–255 Default (wheel slot 9)
7	Color Macro1	0	0–20 Idle (wheel slot 1) 21–30 ColorMacro 1 (wheel slot 1) 31–40 ColorMacro 2 (wheel slot 1) 41–50 ColorMacro 3 (wheel slot 1) 51–60 ColorMacro 4 (wheel slot 1) 61–70 ColorMacro 5 (wheel slot 1) 71–80 ColorMacro 6 (wheel slot 1) 81–90 ColorMacro 7 (wheel slot 1) 91–100 ColorMacro 8 (wheel slot 1) 101–110 ColorMacro 9 (wheel slot 1) 111–120 ColorMacro 10 (wheel slot 1) 121–255 Idle
8	Color Macro1Rate	128	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max

13 Ch

13 channels

Ch	Function	Default	DMX values

13 Ch (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 1000
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
4	Red Fine	255	Fine byte of Red
5	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
6	Green Fine	255	Fine byte of Green
7	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
8	Blue Fine	255	Fine byte of Blue
9	Shutter / Strobe	0	0–9 Shutter OPEN 10–10 Shutter1Strobe 2 · Min 1 Hz 11–132 Shutter1Strobe 2 · Min>Medium 1.08–10.5 Hz 133–133 Shutter1Strobe 2 · Medium 10.5 Hz 134–254 Shutter1Strobe 2 · Medium>Max 10.6–19.9 Hz 255–255 Shutter1Strobe 2 · Max 20 Hz
10	Color Wheel	0	0–9 Idle (wheel slot 1) 10–40 Red (wheel slot 2) 41–73 Yellow (wheel slot 3) 74–106 Green (wheel slot 4) 107–139 Cyan (wheel slot 5) 140–172 Blue (wheel slot 6) 173–174 Magenta (wheel slot 7) 175–189 3200 K (wheel slot 10) 190–204 5600 K (wheel slot 11) 205–219 6500 K (wheel slot 12) 220–234 8500 K (wheel slot 13) 235–249 10000 k (wheel slot 14) 250–255 Default (wheel slot 9)
11	Color Macro1	0	0–20 Idle (wheel slot 1) 21–30 ColorMacro 1 (wheel slot 1) 31–40 ColorMacro 2 (wheel slot 1) 41–50 ColorMacro 3 (wheel slot 1) 51–60 ColorMacro 4 (wheel slot 1) 61–70 ColorMacro 5 (wheel slot 1) 71–80 ColorMacro 6 (wheel slot 1) 81–90 ColorMacro 7 (wheel slot 1) 91–100 ColorMacro 8 (wheel slot 1) 101–110 ColorMacro 9 (wheel slot 1) 111–120 ColorMacro 10 (wheel slot 1) 121–255 Idle

13 Ch (continued)

Ch	Function	Default	DMX values
12	Color Macro1Rate	128	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
13	Control1	0	0–63 Dimmer Curve 1 64–127 Dimmer Curve 2 128–191 Dimmer Curve 3 192–255 Dimmer Curve 4

13 Ch + Virtual Tilt

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 1000
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
4	Red Fine	255	Fine byte of Red
5	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
6	Green Fine	255	Fine byte of Green
7	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
8	Blue Fine	255	Fine byte of Blue
9	Shutter / Strobe	0	0–9 Shutter OPEN 10–10 Shutter1Strobe 2 · Min 1 Hz 11–132 Shutter1Strobe 2 · Min>Medium 1.08–10.5 Hz 133–133 Shutter1Strobe 2 · Medium 10.5 Hz 134–254 Shutter1Strobe 2 · Medium>Max 10.6–19.9 Hz 255–255 Shutter1Strobe 2 · Max 20 Hz
10	Color Wheel	0	0–9 Idle (wheel slot 1) 10–40 Red (wheel slot 2) 41–73 Yellow (wheel slot 3) 74–106 Green (wheel slot 4) 107–139 Cyan (wheel slot 5) 140–172 Blue (wheel slot 6) 173–174 Magenta (wheel slot 7) 175–189 3200 K (wheel slot 10) 190–204 5600 K (wheel slot 11) 205–219 6500 K (wheel slot 12) 220–234 8500 K (wheel slot 13) 235–249 10000 k (wheel slot 14) 250–255 Default (wheel slot 9)

13 Ch + Virtual Tilt (continued)

Ch	Function	Default	DMX values
11	Color Macro1	0	0–20 Idle (wheel slot 1) 21–30 ColorMacro 1 (wheel slot 1) 31–40 ColorMacro 2 (wheel slot 1) 41–50 ColorMacro 3 (wheel slot 1) 51–60 ColorMacro 4 (wheel slot 1) 61–70 ColorMacro 5 (wheel slot 1) 71–80 ColorMacro 6 (wheel slot 1) 81–90 ColorMacro 7 (wheel slot 1) 91–100 ColorMacro 8 (wheel slot 1) 101–110 ColorMacro 9 (wheel slot 1) 111–120 ColorMacro 10 (wheel slot 1) 121–255 Idle
12	Color Macro1Rate	128	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
13	Control1	0	0–63 Dimmer Curve 1 64–127 Dimmer Curve 2 128–191 Dimmer Curve 3 192–255 Dimmer Curve 4